

✓ AHNet

 Open in Colab

✓ Environment Set Up

✓ Requirements

```
1 !pip install monai[einops]
```

Collecting monai[einops]
 Downloading monai-1.3.1-py3-none-any.whl (1.4 MB)
 1.4/1.4 MB 13.7 MB/s eta 0:00:00
Requirement already satisfied: torch>=1.9 in /usr/local/lib/python3.10/dist-packages (from monai[einops]) (2.3.0+cu121)
Requirement already satisfied: numpy>=1.20 in /usr/local/lib/python3.10/dist-packages (from monai[einops]) (1.25.2)
Collecting einops (from monai[einops])
 Downloading einops-0.8.0-py3-none-any.whl (43 kB)
 43.2/43.2 kB 4.1 MB/s eta 0:00:00
Requirement already satisfied: filelock in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (3.14.0)
Requirement already satisfied: typing-extensions>=4.8.0 in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (4.1)
Requirement already satisfied: sympy in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (1.12)
Requirement already satisfied: networkx in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (3.3)
Requirement already satisfied: jinja2 in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (3.1.4)
Requirement already satisfied: fsspec in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (2023.6.0)
Collecting nvidia-cuda-nvrtc-cu12==12.1.105 (from torch>=1.9->monai[einops])
 Using cached nvidia_cuda_nvrtc_cu12-12.1.105-py3-none-manylinux1_x86_64.whl (23.7 MB)
Collecting nvidia-cuda-runtime-cu12==12.1.105 (from torch>=1.9->monai[einops])
 Using cached nvidia_cuda_runtime_cu12-12.1.105-py3-none-manylinux1_x86_64.whl (823 kB)
Collecting nvidia-cuda-cupti-cu12==12.1.105 (from torch>=1.9->monai[einops])
 Using cached nvidia_cuda_cupti_cu12-12.1.105-py3-none-manylinux1_x86_64.whl (14.1 MB)
Collecting nvidia-cudnn-cu12==8.9.2.26 (from torch>=1.9->monai[einops])
 Using cached nvidia_cudnn_cu12-8.9.2.26-py3-none-manylinux1_x86_64.whl (731.7 MB)
Collecting nvidia-cublas-cu12==12.1.3.1 (from torch>=1.9->monai[einops])
 Using cached nvidia_cublas_cu12-12.1.3.1-py3-none-manylinux1_x86_64.whl (410.6 MB)
Collecting nvidia-cufft-cu12==11.0.2.54 (from torch>=1.9->monai[einops])
 Using cached nvidia_cufft_cu12-11.0.2.54-py3-none-manylinux1_x86_64.whl (121.6 MB)
Collecting nvidia-curand-cu12==10.3.2.106 (from torch>=1.9->monai[einops])
 Using cached nvidia_curand_cu12-10.3.2.106-py3-none-manylinux1_x86_64.whl (56.5 MB)
Collecting nvidia-cusolver-cu12==11.4.5.107 (from torch>=1.9->monai[einops])
 Using cached nvidia_cusolver_cu12-11.4.5.107-py3-none-manylinux1_x86_64.whl (124.2 MB)
Collecting nvidia-cusparse-cu12==12.1.0.106 (from torch>=1.9->monai[einops])
 Using cached nvidia_cusparse_cu12-12.1.0.106-py3-none-manylinux1_x86_64.whl (196.0 MB)
Collecting nvidia-nccl-cu12==2.20.5 (from torch>=1.9->monai[einops])
 Using cached nvidia_nccl_cu12-2.20.5-py3-none-manylinux2014_x86_64.whl (176.2 MB)
Collecting nvidia-nvtx-cu12==12.1.105 (from torch>=1.9->monai[einops])
 Using cached nvidia_nvtx_cu12-12.1.105-py3-none-manylinux1_x86_64.whl (99 kB)
Requirement already satisfied: triton==2.3.0 in /usr/local/lib/python3.10/dist-packages (from torch>=1.9->monai[einops]) (2.3.0)
Collecting nvidia-nvjitlink-cu12 (from nvidia-cusolver-cu12==11.4.5.107->torch>=1.9->monai[einops])
 Downloading nvidia_nvjitlink_cu12-12.5.40-py3-none-manylinux2014_x86_64.whl (21.3 MB)
 21.3/21.3 MB 75.6 MB/s eta 0:00:00
Requirement already satisfied: MarkupSafe>=2.0 in /usr/local/lib/python3.10/dist-packages (from jinja2->torch>=1.9->monai[einops]) (2.1)
Requirement already satisfied: mpmpmath>=0.19 in /usr/local/lib/python3.10/dist-packages (from sympy->torch>=1.9->monai[einops]) (1.3.0)
Installing collected packages: nvidia-nvtx-cu12, nvidia-nvjitlink-cu12, nvidia-nccl-cu12, nvidia-curand-cu12, nvidia-cufft-cu12, nvidia-cusparse-cu12, nvidia-nccl-cu12, nvidia-cuda-cupti-cu12-12.1.105 nvidia-cuda-nvrtc-cu12-12.1.
Successfully installed einops-0.8.0 monai-1.3.1 nvidia-cublas-cu12-12.1.3.1 nvidia-cuda-cupti-cu12-12.1.105 nvidia-cuda-nvrtc-cu12-12.1.

✓ Colab Integration

```
1 # Set up Colab Workspace  
2 from google.colab import drive  
3  
4 drive.mount('/content/drive', force_remount=True)  
5  
6 !ln -s /content/drive/MyDrive/TFM/data /content/data  
7 !ln -s /content/drive/MyDrive/TFM/utils /content/utils  
8 !ln -s /content/drive/MyDrive/TFM/outputs /content/outputs
```

Mounted at /content/drive

✓ Imports

```
1 # System
2 import os
3 import time
4 from math import nan
5
6 # Data Load & Visualization
7 import numpy as np
8 import pandas as pd
9 import matplotlib.pyplot as plt
10
11 # Monai
12 from monai.data import DataLoader
13 from monai.losses import DiceLoss
14 from monai.metrics import DiceMetric
15 from monai.data import decollate_batch
16 from monai.utils import set_determinism
17 from monai.handlers.utils import from_engine
18 from monai.inferers import sliding_window_inference
19
20 # PyTorch
21 import torch
22 from torch.utils.data import SequentialSampler
23
24 # Utils
25 from utils.Models import AHNET
26 from utils.Transforms import Transforms
27 from utils.Plots import plot_gt_vs_pred
28 from utils.UCSF_Dataset import UCSF_Dataset
```

✓ Config

```
1 # Check if CUDA is available
2 device = None
3 if torch.cuda.is_available():
4     device = torch.device("cuda")
5     print("Running on GPU")
6 else:
7     device = torch.device("cpu")
8     print("Running on CPU")
9
10 # Print the device
11 print(f"Device: {device}")
```

```
平淡无奇的输出
平淡无奇的输出
```

```
1 # Seeds
2 seed = 33
3 set_determinism(seed=seed) # Monai
4 np.random.seed(seed) # Numpy
5 torch.manual_seed(seed) # PyTorch
```

```
平淡无奇的输出
平淡无奇的输出
```

```
1 # Configs
2 %matplotlib inline
3 %load_ext cudf.pandas
4 pd.set_option("display.max_columns", None)
```

✓ User Configurations

```

1 # Model Configurations
2 model_name = "AHNet"
3 model = AHNET
4 b_size = 1 # Batch Size
5 t_size = None # Training Subjects (None for all)
6 v_size = None # Validation Subjects (None for all)
7 spatial_size = (256, 256, 160)
8
9 # Training Configuration
10 init_epoch = 50 # 0 if new training
11 best_epoch = 50 # Load model if not training from epoch 0 - None if new training
12 max_epochs = 100
13 best_metric = -1
14 best_metric_epoch = -1
15 if best_epoch is not None:
16     best_metric_epoch = best_epoch
17     if os.path.exists(f"outputs/{model_name}/{model_name}_metrics.csv"):
18         df = pd.read_csv(f"outputs/{model_name}/{model_name}_metrics.csv")
19         best_metric = df.loc[df["epoch"] == best_epoch]["metric"].values[0]

```

Load Data

```

1 # Load Subjects Information
2 train_df = pd.read_csv('data/TRAIN.csv')
3 val_df = pd.read_csv('data/VAL.csv')
4 test_df = pd.read_csv('data/TEST.csv')
5
6 train_df.head()

```

	SubjectID	Sex	CancerType	ScannerType	In-plane voxel size (mm)	Matrix size	Craniotomy/Biopsy/Resection	Prior	Age	Scanner Strength (Tesla)	Slice Thickness (mm)	NumberMetast
0	100381A	Male	Lung	GE 1.5 T Signa HDxt	0.86x0.86	256x256x126		No	71.0	1.5	1.5	
1	100414B	Female	Breast	GE 1.5 T Signa HDxt	0.59x0.59	512x512x50		No	52.0	1.5	3.0	
2	100132B	Male	Lung	GE 1.5 T Signa HDxt	0.5x0.5	512x512x156		No	55.0	1.5	1.2	
3	100212A	Female	Lung	GE 1.5 T Signa HDxt	1.17x1.17	256x256x98		No	52.0	1.5	1.5	
4	100243B	Female	Breast	GE 1.5 T	0.86x0.86	256x256x100		No	55.0	1.5	1.5	

```

1 transforms = Transforms(seed)
2
3 # Train Dataset
4 train_images = [train_df['T1pre'], train_df['FLAIR'], train_df['T1post'], train_df['T2Synth']]
5 train_labels = train_df['BraTS-seg']
6 train_dataset = UCSF_Dataset(train_images, train_labels, transforms.train(spatial_size=spatial_size), t_size)
7
8 # Validation Dataset
9 val_images = [val_df['T1pre'], val_df['FLAIR'], val_df['T1post'], val_df['T2Synth']]
10 val_labels = val_df['BraTS-seg']
11 val_dataset = UCSF_Dataset(val_images, val_labels, transforms.val(), v_size)
12
13 # Samplers
14 train_sampler = SequentialSampler(train_dataset)
15 val_sampler = SequentialSampler(val_dataset)
16
17 # DataLoaders
18 train_loader = DataLoader(train_dataset, batch_size=b_size, shuffle=False, sampler=train_sampler)
19 val_loader = DataLoader(val_dataset, batch_size=1, shuffle=False, sampler=val_sampler)

```

Training

Parameters

```
1 # Training
2 VAL_AMP = True
3 lr = 1e-4
4 weight_decay = 1e-5
5
6 # Report Frequency
7 plt_imgs = []
8 val_interval = 1
9 plot_interval = 1
10 best_metric_update = False
11 best_metric_update_epoch = best_epoch if best_epoch is not None else -1
12 max_step = len(train_dataset) // train_loader.batch_size - 1
13 max_val_step = len(val_dataset) // val_loader.batch_size - 3
14
15 # Metrics Storages
16 best_metrics_epochs_and_time = [[], [], []]
17 epoch_loss_values = []
18 val_loss_values = []
19 metric_values = []
20 metric_values_tc = []
21 metric_values_wt = []
22 metric_values_et = []
```

Model, Loss, Optimizer & Inference

```

1 # Model
2 model.to(device)
3
4 # Load model from file
5 if init_epoch is not None:
6     if os.path.exists(f"outputs/{model_name}/last_{model_name}_{init_epoch}.pth"):
7         model.load_state_dict(torch.load(f"outputs/{model_name}/last_{model_name}_{init_epoch}.pth"))
8
9 # Report File Headers
10 if init_epoch is None:
11     with open(f"outputs/{model_name}/{model_name}_metrics.csv", "a") as f:
12         f.write(f"epoch,metric,metric_tc,metric_wt,metric_et,train_loss,val_loss\n")
13
14 # Loss Function
15 loss_function = DiceLoss(smooth_nr=1e-5, smooth_dr=1e-5, squared_pred=True, to_onehot_y=False, sigmoid=True)
16
17 # Optimizer
18 optimizer = torch.optim.Adam(model.parameters(), lr, weight_decay=weight_decay)
19 lr_scheduler = torch.optim.lr_scheduler.CosineAnnealingLR(optimizer, T_max=max_epochs)
20
21 # Metrics
22 dice_metric = DiceMetric(include_background=True, reduction="mean")
23 dice_metric_batch = DiceMetric(include_background=True, reduction="mean_batch")
24
25 # Inference Method
26 def inference(input):
27     def _compute(input):
28         return sliding_window_inference(
29             inputs=input,
30             roi_size=spatial_size,
31             sw_batch_size=1,
32             predictor=model,
33             overlap=0.5,
34         )
35
36     if VAL_AMP:
37         with torch.cuda.amp.autocast():
38             return _compute(input)
39     else:
40         return _compute(input)
41
42 # AMP to accelerate training
43 scaler = torch.cuda.amp.GradScaler()
44
45 # enable cuDNN benchmark
46 torch.backends.cudnn.benchmark = True

```

▼ Training Process

```

1 total_start = time.time()
2 for epoch in range(init_epoch, max_epochs):
3     epoch_start = time.time()
4     print("-" * 10)
5     print(f"epoch {epoch + 1}/{max_epochs}")
6
7     # TRAINING
8     model.train()
9     epoch_loss = 0
10    step = 0
11    print('TRAIN')
12    for batch_data in train_loader:
13        step_start = time.time()
14        step += 1
15        inputs, labels = (
16            batch_data["image"].to(device),
17            batch_data["label"].to(device),
18        )
19        optimizer.zero_grad()
20        with torch.cuda.amp.autocast():
21            outputs = model(inputs)
22            loss = loss_function(outputs, labels)
23            scaler.scale(loss).backward()
24            scaler.step(optimizer)
25            scaler.update()
26            epoch_loss += loss.item()

```

```

27
28     # Batch Information
29     print(f"    Batch {step}/{len(train_dataset)} // train_loader.batch_size}"
30         f", train_loss: {loss.item():.4f}"
31         f", step time: {(time.time() - step_start):.4f}")
32
33     # Store the image to plot
34     if step == max_step:
35         plt_imgs = [labels[0], transforms.post()(outputs[0])]
36
37     # Epoch Training Loss
38     lr_scheduler.step()
39     epoch_loss /= step
40     epoch_loss_values.append(epoch_loss)
41
42     # Plot the Img
43     if (epoch + 1) % plot_interval == 0:
44         plot_gt_vs_pred(plt_imgs[0], plt_imgs[1], True)
45
46     # VALIDATION
47     print('VAL')
48     val_loss = 0
49     val_step = 0
50     if (epoch + 1) % val_interval == 0:
51         model.eval()
52         with torch.no_grad():
53             best_val_dice = -1
54             for val_data in val_loader:
55                 val_inputs, val_labels = (
56                     val_data["image"].to(device),
57                     val_data["label"].to(device),
58                 )
59                 val_step += 1
60                 val_outputs = inference(val_inputs)
61                 loss_value = loss_function(val_outputs[0], val_labels[0])
62                 val_loss += loss_value.item()
63
64                 val_outputs = [transforms.post()(x) for x in val_outputs]
65
66                 dice_metric(y_pred=val_outputs, y=val_labels)
67                 dice_metric_batch(y_pred=val_outputs, y=val_labels)
68
69                 # Batch Information
70                 print(f"    Batch {val_step}/{len(val_dataset)} // val_loader.batch_size}"
71                     f", val_loss: {loss_value.item():.4f}")
72
73                 # Store plot image
74                 if val_step == max_val_step:
75                     plt_imgs = [val_labels[0], val_outputs[0]]
76
77                 # Epoch Validation Loss
78                 val_loss /= val_step
79                 val_loss_values.append(val_loss)
80
81                 # Plot the img
82                 if (epoch + 1) % plot_interval == 0:
83                     plot_gt_vs_pred(plt_imgs[0], plt_imgs[1], False)
84
85                 # Metric Calculation
86                 metric = dice_metric.aggregate().item()
87                 metric_values.append(metric)
88                 metric_batch = dice_metric_batch.aggregate()
89                 metric_tc = metric_batch[0].item()
90                 metric_values_tc.append(metric_tc)
91                 metric_wt = metric_batch[1].item()
92                 metric_values_wt.append(metric_wt)
93                 metric_et = metric_batch[2].item()
94                 metric_values_et.append(metric_et)
95                 dice_metric.reset()
96                 dice_metric_batch.reset()
97
98                 # Save Last State
99                 torch.save(
100                     model.state_dict(),
101                     os.path.join(f"outputs/{model_name}/last_{model_name}_{epoch+1}.pth"),
102                 )
103
104                 # Remove previous state

```

```

105     # REMOVE PREVIOUS STATE
106     if epoch > 0:
107         os.remove(
108             os.path.join(f"outputs/{model_name}/last_{model_name}_{epoch}.pth")
109         )
110
111     # Update Best Metric
112     if metric > best_metric:
113         # Save best state
114         best_metric = metric
115         best_metric_epoch = epoch + 1
116         best_metrics_epochs_and_time[0].append(best_metric)
117         best_metrics_epochs_and_time[1].append(best_metric_epoch)
118         best_metrics_epochs_and_time[2].append(time.time() - total_start)
119         # Save best model
120         torch.save(
121             model.state_dict(),
122             os.path.join(f"outputs/{model_name}/best_{model_name}_{epoch+1}.pth"),
123         )
124         # Remove previous best model
125         if best_metric_update_epoch != -1:
126             os.remove(
127                 os.path.join(f"outputs/{model_name}/best_{model_name}_{best_metric_update_epoch}.pth")
128             )
129         # Update best epoch
130         best_metric_update_epoch = epoch + 1
131         best_metric_update = True
132
133     # Save all metrics in csv
134     with open(f"outputs/{model_name}/{model_name}_metrics.csv", "a") as f:
135         f.write(f"{epoch + 1},{metric},{metric_tc},{metric_wt},{metric_et},{epoch_loss},{val_loss}\n")
136
137     # REPORT
138     print(f"epoch {epoch + 1}\n"
139           f"    average train loss: {epoch_loss:.4f}\n"
140           f"    average validation loss: {val_loss:.4f}\n"
141           f"    saved as best model: {best_metric_update}\n"
142           f"    current mean dice: {metric_values[-1]:.4f}\n"
143           f"    current TC dice: {metric_values_tc[-1]:.4f}\n"
144           f"    current WT dice: {metric_values_wt[-1]:.4f}\n"
145           f"    current ET dice: {metric_values_et[-1]:.4f}")
146     print(f"time consuming of epoch {epoch + 1} is: {(time.time() - epoch_start):.4f}")
147     best_metric_update = False
148
149     # When epoch ends, clean GPU memory
150     torch.cuda.empty_cache()
151
152 total_time = time.time() - total_start

```

epoch 51/100
TRAIN

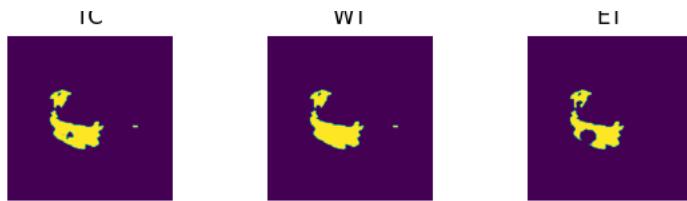
```
Batch 1/248, train_loss: 0.3673, step time: 14.3501
Batch 2/248, train_loss: 0.8478, step time: 1.0110
Batch 3/248, train_loss: 0.5781, step time: 1.0232
Batch 4/248, train_loss: 0.9951, step time: 1.0248
Batch 5/248, train_loss: 0.4958, step time: 1.0311
Batch 6/248, train_loss: 0.4747, step time: 1.0254
Batch 7/248, train_loss: 0.3605, step time: 1.0113
Batch 8/248, train_loss: 0.7081, step time: 1.0157
Batch 9/248, train_loss: 0.3439, step time: 1.0151
Batch 10/248, train_loss: 0.5188, step time: 1.0358
Batch 11/248, train_loss: 0.3896, step time: 1.0213
Batch 12/248, train_loss: 0.5429, step time: 0.9962
Batch 13/248, train_loss: 0.5180, step time: 1.0301
Batch 14/248, train_loss: 0.3368, step time: 1.0202
Batch 15/248, train_loss: 0.5459, step time: 1.0332
Batch 16/248, train_loss: 0.4289, step time: 1.0126
Batch 17/248, train_loss: 0.4951, step time: 1.0350
Batch 18/248, train_loss: 0.5411, step time: 1.0344
Batch 19/248, train_loss: 0.3907, step time: 1.0425
Batch 20/248, train_loss: 0.4298, step time: 1.0304
Batch 21/248, train_loss: 0.3786, step time: 1.0404
Batch 22/248, train_loss: 0.6760, step time: 1.0209
Batch 23/248, train_loss: 0.8280, step time: 1.0368
Batch 24/248, train_loss: 0.3943, step time: 1.0161
Batch 25/248, train_loss: 0.3365, step time: 1.0284
Batch 26/248, train_loss: 0.5856, step time: 1.0457
Batch 27/248, train_loss: 0.3624, step time: 1.0149
Batch 28/248, train_loss: 0.4560, step time: 1.0350
Batch 29/248, train_loss: 0.6739, step time: 1.0375
Batch 30/248, train_loss: 0.4847, step time: 1.0467
Batch 31/248, train_loss: 0.5109, step time: 1.0202
Batch 32/248, train_loss: 0.3858, step time: 1.0417
Batch 33/248, train_loss: 0.3546, step time: 1.0425
Batch 34/248, train_loss: 0.3561, step time: 1.0380
Batch 35/248, train_loss: 0.3743, step time: 1.0422
Batch 36/248, train_loss: 0.6681, step time: 1.0245
Batch 37/248, train_loss: 0.4525, step time: 1.0307
Batch 38/248, train_loss: 0.4975, step time: 1.0520
Batch 39/248, train_loss: 0.4101, step time: 1.0217
Batch 40/248, train_loss: 0.9959, step time: 1.0336
Batch 41/248, train_loss: 0.4485, step time: 1.0253
Batch 42/248, train_loss: 0.3791, step time: 1.0368
Batch 43/248, train_loss: 0.3526, step time: 1.0352
Batch 44/248, train_loss: 0.4300, step time: 1.0210
Batch 45/248, train_loss: 0.7064, step time: 1.0477
Batch 46/248, train_loss: 0.4239, step time: 1.0451
Batch 47/248, train_loss: 0.3837, step time: 1.0292
Batch 48/248, train_loss: 0.4602, step time: 1.0305
Batch 49/248, train_loss: 0.5474, step time: 1.0368
Batch 50/248, train_loss: 0.4166, step time: 1.0497
Batch 51/248, train_loss: 0.4840, step time: 1.0422
Batch 52/248, train_loss: 0.4008, step time: 1.0261
Batch 53/248, train_loss: 0.5420, step time: 1.0359
Batch 54/248, train_loss: 0.4735, step time: 1.0466
Batch 55/248, train_loss: 0.4809, step time: 1.0472
Batch 56/248, train_loss: 0.4639, step time: 1.0217
Batch 57/248, train_loss: 0.4731, step time: 1.0401
Batch 58/248, train_loss: 0.3813, step time: 1.0383
Batch 59/248, train_loss: 0.3911, step time: 1.0329
Batch 60/248, train_loss: 0.3664, step time: 1.0383
Batch 61/248, train_loss: 0.3849, step time: 1.0330
Batch 62/248, train_loss: 0.5097, step time: 1.0324
Batch 63/248, train_loss: 0.6629, step time: 1.0285
Batch 64/248, train_loss: 0.5711, step time: 1.0372
Batch 65/248, train_loss: 0.5113, step time: 1.0286
Batch 66/248, train_loss: 0.4073, step time: 1.0436
Batch 67/248, train_loss: 0.3596, step time: 1.0445
Batch 68/248, train_loss: 0.3906, step time: 1.0514
Batch 69/248, train_loss: 0.6130, step time: 1.0262
Batch 70/248, train_loss: 0.4012, step time: 1.0459
Batch 71/248, train_loss: 0.4437, step time: 1.0274
Batch 72/248, train_loss: 0.3715, step time: 1.0410
Batch 73/248, train_loss: 0.3969, step time: 1.0405
Batch 74/248, train_loss: 0.9923, step time: 1.0341
Batch 75/248, train_loss: 0.3953, step time: 1.0410
Batch 76/248, train_loss: 0.5739, step time: 1.0450
Batch 77/248, train_loss: 0.7827, step time: 1.0483
Batch 78/248, train_loss: 0.4198, step time: 1.0210
Batch 79/248, train_loss: 0.4264, step time: 1.0560
Batch 80/248, train_loss: 0.4552, step time: 1.0216
Batch 81/248, train_loss: 0.4548, step time: 1.0291
Batch 82/248, train_loss: 0.4552, step time: 1.0291
Batch 83/248, train_loss: 0.4552, step time: 1.0291
Batch 84/248, train_loss: 0.4552, step time: 1.0291
Batch 85/248, train_loss: 0.4552, step time: 1.0291
Batch 86/248, train_loss: 0.4552, step time: 1.0291
Batch 87/248, train_loss: 0.4552, step time: 1.0291
Batch 88/248, train_loss: 0.4552, step time: 1.0291
Batch 89/248, train_loss: 0.4552, step time: 1.0291
Batch 90/248, train_loss: 0.4552, step time: 1.0291
Batch 91/248, train_loss: 0.4552, step time: 1.0291
Batch 92/248, train_loss: 0.4552, step time: 1.0291
Batch 93/248, train_loss: 0.4552, step time: 1.0291
Batch 94/248, train_loss: 0.4552, step time: 1.0291
Batch 95/248, train_loss: 0.4552, step time: 1.0291
Batch 96/248, train_loss: 0.4552, step time: 1.0291
Batch 97/248, train_loss: 0.4552, step time: 1.0291
Batch 98/248, train_loss: 0.4552, step time: 1.0291
Batch 99/248, train_loss: 0.4552, step time: 1.0291
Batch 100/248, train_loss: 0.4552, step time: 1.0291
```

Batch 82/248, train_loss: 0.3903, step time: 1.0246
Batch 83/248, train_loss: 0.7237, step time: 1.0325
Batch 84/248, train_loss: 0.4354, step time: 1.0493
Batch 85/248, train_loss: 0.5405, step time: 1.0279
Batch 86/248, train_loss: 0.5089, step time: 1.0479
Batch 87/248, train_loss: 0.5383, step time: 1.0468
Batch 88/248, train_loss: 0.5523, step time: 1.0397
Batch 89/248, train_loss: 0.3673, step time: 1.0335
Batch 90/248, train_loss: 0.4761, step time: 1.0490
Batch 91/248, train_loss: 0.5708, step time: 1.0328
Batch 92/248, train_loss: 0.5158, step time: 1.0411
Batch 93/248, train_loss: 0.4302, step time: 1.0354
Batch 94/248, train_loss: 0.4758, step time: 1.0266
Batch 95/248, train_loss: 0.4387, step time: 1.0400
Batch 96/248, train_loss: 0.4121, step time: 1.0388
Batch 97/248, train_loss: 0.5780, step time: 1.0239
Batch 98/248, train_loss: 0.3868, step time: 1.0246
Batch 99/248, train_loss: 0.5037, step time: 1.0294
Batch 100/248, train_loss: 0.5082, step time: 1.0252
Batch 101/248, train_loss: 0.3471, step time: 1.0401
Batch 102/248, train_loss: 0.3903, step time: 1.0354
Batch 103/248, train_loss: 0.5827, step time: 1.0294
Batch 104/248, train_loss: 0.4443, step time: 1.0522
Batch 105/248, train_loss: 0.3788, step time: 1.0269
Batch 106/248, train_loss: 0.4157, step time: 1.0303
Batch 107/248, train_loss: 0.5099, step time: 1.0413
Batch 108/248, train_loss: 0.7313, step time: 1.0234
Batch 109/248, train_loss: 0.5434, step time: 1.0291
Batch 110/248, train_loss: 0.4213, step time: 1.0442
Batch 111/248, train_loss: 0.3774, step time: 1.0414
Batch 112/248, train_loss: 0.3942, step time: 1.0463
Batch 113/248, train_loss: 0.9982, step time: 1.0246
Batch 114/248, train_loss: 0.3869, step time: 1.0433
Batch 115/248, train_loss: 0.4412, step time: 1.0425
Batch 116/248, train_loss: 0.3673, step time: 1.0382
Batch 117/248, train_loss: 0.7250, step time: 1.0406
Batch 118/248, train_loss: 0.4612, step time: 1.0465
Batch 119/248, train_loss: 0.4760, step time: 1.0257
Batch 120/248, train_loss: 0.4621, step time: 1.0310
Batch 121/248, train_loss: 0.4984, step time: 1.0413
Batch 122/248, train_loss: 0.5558, step time: 1.0471
Batch 123/248, train_loss: 0.3695, step time: 1.0437
Batch 124/248, train_loss: 0.4860, step time: 1.0375
Batch 125/248, train_loss: 0.6441, step time: 1.0286
Batch 126/248, train_loss: 0.4486, step time: 1.0262
Batch 127/248, train_loss: 0.4016, step time: 1.0258
Batch 128/248, train_loss: 0.4851, step time: 1.0367
Batch 129/248, train_loss: 0.3772, step time: 1.0269
Batch 130/248, train_loss: 0.3675, step time: 1.0407
Batch 131/248, train_loss: 0.5717, step time: 1.0304
Batch 132/248, train_loss: 0.4524, step time: 1.0520
Batch 133/248, train_loss: 0.3837, step time: 1.0318
Batch 134/248, train_loss: 0.6407, step time: 1.0551
Batch 135/248, train_loss: 0.4274, step time: 1.0499
Batch 136/248, train_loss: 0.4898, step time: 1.0422
Batch 137/248, train_loss: 0.3902, step time: 1.0243
Batch 138/248, train_loss: 0.3702, step time: 1.0473
Batch 139/248, train_loss: 0.4296, step time: 1.0290
Batch 140/248, train_loss: 0.4549, step time: 1.0286
Batch 141/248, train_loss: 0.4196, step time: 1.0433
Batch 142/248, train_loss: 0.8194, step time: 1.0355
Batch 143/248, train_loss: 0.4704, step time: 1.0342
Batch 144/248, train_loss: 0.4300, step time: 1.0258
Batch 145/248, train_loss: 0.3336, step time: 1.0425
Batch 146/248, train_loss: 0.4640, step time: 1.0319
Batch 147/248, train_loss: 0.3303, step time: 1.0380
Batch 148/248, train_loss: 0.7178, step time: 1.0570
Batch 149/248, train_loss: 0.4138, step time: 1.0492
Batch 150/248, train_loss: 0.6907, step time: 1.0462
Batch 151/248, train_loss: 0.4532, step time: 1.0272
Batch 152/248, train_loss: 0.3305, step time: 1.0366
Batch 153/248, train_loss: 0.4741, step time: 1.0244
Batch 154/248, train_loss: 0.5430, step time: 1.0466
Batch 155/248, train_loss: 0.4082, step time: 1.0227
Batch 156/248, train_loss: 0.4306, step time: 1.0468
Batch 157/248, train_loss: 0.4876, step time: 1.0314
Batch 158/248, train_loss: 0.9780, step time: 1.0287
Batch 159/248, train_loss: 0.5591, step time: 1.0435
Batch 160/248, train_loss: 0.3949, step time: 1.0363
Batch 161/248, train_loss: 0.3751, step time: 1.0404
Batch 162/248, train_loss: 0.3459, step time: 1.0401
Batch 163/248, train_loss: 0.4267, step time: 1.0213
Batch 164/248, train_loss: 0.4296, step time: 1.0338
Batch 165/248, train_loss: 0.6154, step time: 1.0511
Batch 166/248, train_loss: 0.4039, step time: 1.0309

Batch 167/248, train_loss: 0.4274, step time: 1.0489
Batch 168/248, train_loss: 0.4372, step time: 1.0272
Batch 169/248, train_loss: 0.3855, step time: 1.0481
Batch 170/248, train_loss: 0.7727, step time: 1.0422
Batch 171/248, train_loss: 0.3711, step time: 1.0329
Batch 172/248, train_loss: 0.6609, step time: 1.0426
Batch 173/248, train_loss: 0.3651, step time: 1.0253
Batch 174/248, train_loss: 0.6630, step time: 1.0338
Batch 175/248, train_loss: 0.3826, step time: 1.0387
Batch 176/248, train_loss: 0.5094, step time: 1.0479
Batch 177/248, train_loss: 0.5601, step time: 1.0285
Batch 178/248, train_loss: 0.4588, step time: 1.0378
Batch 179/248, train_loss: 0.3461, step time: 1.0234
Batch 180/248, train_loss: 0.5533, step time: 1.0363
Batch 181/248, train_loss: 0.3749, step time: 1.0311
Batch 182/248, train_loss: 0.9122, step time: 1.0293
Batch 183/248, train_loss: 0.3832, step time: 1.0296
Batch 184/248, train_loss: 0.4923, step time: 1.0225
Batch 185/248, train_loss: 0.4095, step time: 1.0391
Batch 186/248, train_loss: 0.3893, step time: 1.0304
Batch 187/248, train_loss: 0.4224, step time: 1.0339
Batch 188/248, train_loss: 0.4803, step time: 1.0425
Batch 189/248, train_loss: 0.6139, step time: 1.0432
Batch 190/248, train_loss: 0.4214, step time: 1.0293
Batch 191/248, train_loss: 0.6404, step time: 1.0416
Batch 192/248, train_loss: 0.4733, step time: 1.0380
Batch 193/248, train_loss: 0.4843, step time: 1.0535
Batch 194/248, train_loss: 0.4150, step time: 1.0527
Batch 195/248, train_loss: 0.6477, step time: 1.0316
Batch 196/248, train_loss: 1.0000, step time: 1.0283
Batch 197/248, train_loss: 0.4846, step time: 1.0226
Batch 198/248, train_loss: 0.9747, step time: 1.0228
Batch 199/248, train_loss: 0.4328, step time: 1.0458
Batch 200/248, train_loss: 0.4103, step time: 1.0290
Batch 201/248, train_loss: 0.4061, step time: 1.0483
Batch 202/248, train_loss: 0.5694, step time: 1.0424
Batch 203/248, train_loss: 0.6420, step time: 1.0305
Batch 204/248, train_loss: 0.3942, step time: 1.0470
Batch 205/248, train_loss: 0.5263, step time: 1.0439
Batch 206/248, train_loss: 0.5104, step time: 1.0398
Batch 207/248, train_loss: 0.3727, step time: 1.0470
Batch 208/248, train_loss: 0.4417, step time: 1.0317
Batch 209/248, train_loss: 0.4220, step time: 1.0472
Batch 210/248, train_loss: 0.3651, step time: 1.0368
Batch 211/248, train_loss: 0.3763, step time: 1.0362
Batch 212/248, train_loss: 0.4753, step time: 1.0196
Batch 213/248, train_loss: 0.4182, step time: 1.0442
Batch 214/248, train_loss: 0.3810, step time: 1.0341
Batch 215/248, train_loss: 0.4971, step time: 1.0353
Batch 216/248, train_loss: 0.4465, step time: 1.0361
Batch 217/248, train_loss: 0.6183, step time: 1.0221
Batch 218/248, train_loss: 0.7353, step time: 1.0523
Batch 219/248, train_loss: 0.3842, step time: 1.0445
Batch 220/248, train_loss: 0.4996, step time: 1.0334
Batch 221/248, train_loss: 0.4795, step time: 1.0295
Batch 222/248, train_loss: 0.4796, step time: 1.0231
Batch 223/248, train_loss: 0.3508, step time: 1.0306
Batch 224/248, train_loss: 0.3936, step time: 1.0226
Batch 225/248, train_loss: 0.4891, step time: 1.0221
Batch 226/248, train_loss: 0.4650, step time: 1.0372
Batch 227/248, train_loss: 0.3883, step time: 1.0331
Batch 228/248, train_loss: 0.4529, step time: 1.0533
Batch 229/248, train_loss: 0.3760, step time: 1.0363
Batch 230/248, train_loss: 0.3774, step time: 1.0453
Batch 231/248, train_loss: 0.4845, step time: 1.0241
Batch 232/248, train_loss: 0.3856, step time: 1.0333
Batch 233/248, train_loss: 0.9635, step time: 1.0237
Batch 234/248, train_loss: 0.6686, step time: 1.0404
Batch 235/248, train_loss: 0.5090, step time: 1.0280
Batch 236/248, train_loss: 0.7852, step time: 1.0313
Batch 237/248, train_loss: 0.4040, step time: 1.0364
Batch 238/248, train_loss: 0.3890, step time: 1.0276
Batch 239/248, train_loss: 0.3310, step time: 1.0469
Batch 240/248, train_loss: 0.5857, step time: 1.0361
Batch 241/248, train_loss: 0.7214, step time: 1.0275
Batch 242/248, train_loss: 0.4369, step time: 1.0264
Batch 243/248, train_loss: 0.5953, step time: 1.0251
Batch 244/248, train_loss: 0.6094, step time: 1.0389
Batch 245/248, train_loss: 0.3736, step time: 1.0239
Batch 246/248, train_loss: 0.7123, step time: 1.0439
Batch 247/248, train_loss: 0.3570, step time: 1.0270
Batch 248/248, train_loss: 0.9998, step time: 1.0182

Labels

— — — — —



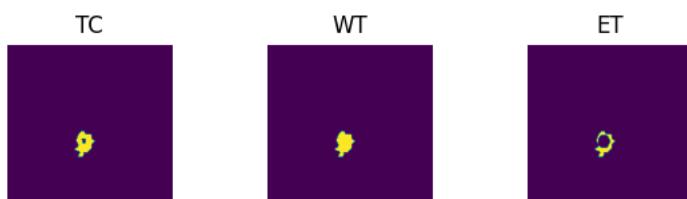
Predictions



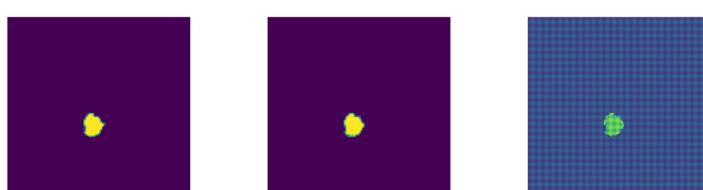
VAL

```
Batch 1/31, val_loss: 0.6944
Batch 2/31, val_loss: 0.7791
Batch 3/31, val_loss: 0.7650
Batch 4/31, val_loss: 0.7472
Batch 5/31, val_loss: 0.7375
Batch 6/31, val_loss: 0.5671
Batch 7/31, val_loss: 0.6677
Batch 8/31, val_loss: 0.7605
Batch 9/31, val_loss: 0.5699
Batch 10/31, val_loss: 0.7261
Batch 11/31, val_loss: 0.6360
Batch 12/31, val_loss: 0.7503
Batch 13/31, val_loss: 0.7900
Batch 14/31, val_loss: 0.7504
Batch 15/31, val_loss: 0.7344
Batch 16/31, val_loss: 0.7426
Batch 17/31, val_loss: 0.7440
Batch 18/31, val_loss: 0.7242
Batch 19/31, val_loss: 0.6294
Batch 20/31, val_loss: 0.6835
Batch 21/31, val_loss: 0.7573
Batch 22/31, val_loss: 0.7900
Batch 23/31, val_loss: 0.7738
Batch 24/31, val_loss: 0.6083
Batch 25/31, val_loss: 0.6352
Batch 26/31, val_loss: 0.7037
Batch 27/31, val_loss: 0.7686
Batch 28/31, val_loss: 0.6115
Batch 29/31, val_loss: 0.7899
Batch 30/31, val_loss: 0.7317
Batch 31/31, val_loss: 0.7440
```

Labels



Predictions



epoch 51

```
average train loss: 0.4960
average validation loss: 0.7133
saved as best model: False
current mean dice: 0.3850
current TC dice: 0.5640
current WT dice: 0.5607
current ET dice: 0.0244
```

Best Mean Metric: 0.3886

time consuming of epoch 51 is: 3791.4095

epoch 52/100

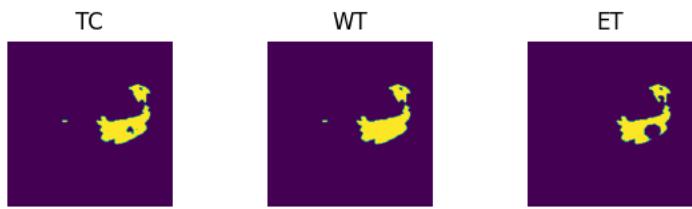
TRAIN

Batch 1/248, train_loss: 0.3705, step time: 1.0396
Batch 2/248, train_loss: 0.8846, step time: 1.0418
Batch 3/248, train_loss: 0.5488, step time: 1.0406
Batch 4/248, train_loss: 0.9785, step time: 1.0288
Batch 5/248, train_loss: 0.4789, step time: 1.0357
Batch 6/248, train_loss: 0.4612, step time: 1.0450
Batch 7/248, train_loss: 0.3474, step time: 1.0480
Batch 8/248, train_loss: 0.7106, step time: 1.0345
Batch 9/248, train_loss: 0.3452, step time: 1.0480
Batch 10/248, train_loss: 0.5212, step time: 1.0292
Batch 11/248, train_loss: 0.3971, step time: 1.0327
Batch 12/248, train_loss: 0.5343, step time: 1.0439
Batch 13/248, train_loss: 0.5056, step time: 1.0434
Batch 14/248, train_loss: 0.3349, step time: 1.0182
Batch 15/248, train_loss: 0.5545, step time: 1.0250
Batch 16/248, train_loss: 0.4343, step time: 1.0333
Batch 17/248, train_loss: 0.4605, step time: 1.0531
Batch 18/248, train_loss: 0.4915, step time: 1.0362
Batch 19/248, train_loss: 0.4101, step time: 1.0383
Batch 20/248, train_loss: 0.4000, step time: 1.0308
Batch 21/248, train_loss: 0.3826, step time: 1.0498
Batch 22/248, train_loss: 0.6866, step time: 1.0415
Batch 23/248, train_loss: 0.5760, step time: 1.0280
Batch 24/248, train_loss: 0.3904, step time: 1.0314
Batch 25/248, train_loss: 0.3437, step time: 1.0240
Batch 26/248, train_loss: 0.6471, step time: 1.0523
Batch 27/248, train_loss: 0.3646, step time: 1.0309
Batch 28/248, train_loss: 0.4599, step time: 1.0455
Batch 29/248, train_loss: 0.5634, step time: 1.0425
Batch 30/248, train_loss: 0.5307, step time: 1.0342
Batch 31/248, train_loss: 0.5396, step time: 1.0299
Batch 32/248, train_loss: 0.3786, step time: 1.0334
Batch 33/248, train_loss: 0.3541, step time: 1.0188
Batch 34/248, train_loss: 0.3519, step time: 1.0309
Batch 35/248, train_loss: 0.3703, step time: 1.0463
Batch 36/248, train_loss: 0.6387, step time: 1.0362
Batch 37/248, train_loss: 0.4649, step time: 1.0318
Batch 38/248, train_loss: 0.4993, step time: 1.0382
Batch 39/248, train_loss: 0.4537, step time: 1.0324
Batch 40/248, train_loss: 0.9968, step time: 1.0396
Batch 41/248, train_loss: 0.4363, step time: 1.0378
Batch 42/248, train_loss: 0.3945, step time: 1.0351
Batch 43/248, train_loss: 0.3691, step time: 1.0218
Batch 44/248, train_loss: 0.4733, step time: 1.0420
Batch 45/248, train_loss: 0.6601, step time: 1.0255
Batch 46/248, train_loss: 0.4193, step time: 1.0365
Batch 47/248, train_loss: 0.3918, step time: 1.0478
Batch 48/248, train_loss: 0.5717, step time: 1.0333
Batch 49/248, train_loss: 0.5747, step time: 1.0413
Batch 50/248, train_loss: 0.4140, step time: 1.0256
Batch 51/248, train_loss: 0.4458, step time: 1.0343
Batch 52/248, train_loss: 0.4066, step time: 1.0254
Batch 53/248, train_loss: 0.5350, step time: 1.0419
Batch 54/248, train_loss: 0.4713, step time: 1.0356
Batch 55/248, train_loss: 0.4898, step time: 1.0486
Batch 56/248, train_loss: 0.4413, step time: 1.0216
Batch 57/248, train_loss: 0.4574, step time: 1.0360
Batch 58/248, train_loss: 0.3796, step time: 1.0147
Batch 59/248, train_loss: 0.3852, step time: 1.0276
Batch 60/248, train_loss: 0.3626, step time: 1.0293
Batch 61/248, train_loss: 0.3853, step time: 1.0252
Batch 62/248, train_loss: 0.4972, step time: 1.0177
Batch 63/248, train_loss: 0.6951, step time: 1.0184
Batch 64/248, train_loss: 0.5858, step time: 1.0411
Batch 65/248, train_loss: 0.4897, step time: 1.0311
Batch 66/248, train_loss: 0.4170, step time: 1.0392
Batch 67/248, train_loss: 0.3579, step time: 1.0161
Batch 68/248, train_loss: 0.3998, step time: 1.0451
Batch 69/248, train_loss: 0.6366, step time: 1.0141
Batch 70/248, train_loss: 0.4006, step time: 1.0251
Batch 71/248, train_loss: 0.4393, step time: 1.0324
Batch 72/248, train_loss: 0.3616, step time: 1.0300
Batch 73/248, train_loss: 0.4094, step time: 1.0186
Batch 74/248, train_loss: 0.9951, step time: 1.0341
Batch 75/248, train_loss: 0.3987, step time: 1.0183
Batch 76/248, train_loss: 0.6373, step time: 1.0210
Batch 77/248, train_loss: 0.8050, step time: 1.0282
Batch 78/248, train_loss: 0.4108, step time: 1.0222
Batch 79/248, train_loss: 0.4135, step time: 1.0172
Batch 80/248, train_loss: 0.4573, step time: 1.0210
Batch 81/248, train_loss: 0.4700, step time: 1.0386

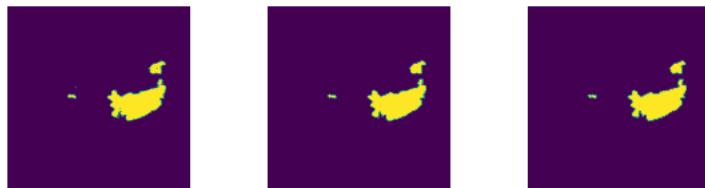
Batch 82/248, train_loss: 0.3881, step time: 1.0314
Batch 83/248, train_loss: 0.7206, step time: 1.0285
Batch 84/248, train_loss: 0.4511, step time: 1.0333
Batch 85/248, train_loss: 0.5603, step time: 1.0114
Batch 86/248, train_loss: 0.4746, step time: 1.0084
Batch 87/248, train_loss: 0.5281, step time: 1.0209
Batch 88/248, train_loss: 0.5722, step time: 1.0209
Batch 89/248, train_loss: 0.3585, step time: 1.0253
Batch 90/248, train_loss: 0.4604, step time: 1.0322
Batch 91/248, train_loss: 0.6556, step time: 1.0317
Batch 92/248, train_loss: 0.5100, step time: 1.0116
Batch 93/248, train_loss: 0.4301, step time: 1.0111
Batch 94/248, train_loss: 0.4436, step time: 1.0305
Batch 95/248, train_loss: 0.4370, step time: 1.0344
Batch 96/248, train_loss: 0.4143, step time: 1.0158
Batch 97/248, train_loss: 0.5796, step time: 1.0214
Batch 98/248, train_loss: 0.3984, step time: 1.0212
Batch 99/248, train_loss: 0.5115, step time: 1.0127
Batch 100/248, train_loss: 0.5765, step time: 1.0260
Batch 101/248, train_loss: 0.3558, step time: 1.0163
Batch 102/248, train_loss: 0.3875, step time: 1.0198
Batch 103/248, train_loss: 0.5379, step time: 1.0137
Batch 104/248, train_loss: 0.4847, step time: 1.0133
Batch 105/248, train_loss: 0.3819, step time: 1.0248
Batch 106/248, train_loss: 0.4769, step time: 1.0163
Batch 107/248, train_loss: 0.4863, step time: 1.0195
Batch 108/248, train_loss: 0.7331, step time: 1.0147
Batch 109/248, train_loss: 0.5008, step time: 1.0131
Batch 110/248, train_loss: 0.9998, step time: 1.0275
Batch 111/248, train_loss: 0.3731, step time: 1.0332
Batch 112/248, train_loss: 0.3775, step time: 1.0159
Batch 113/248, train_loss: 0.9494, step time: 1.0184
Batch 114/248, train_loss: 0.3814, step time: 1.0373
Batch 115/248, train_loss: 0.4238, step time: 1.0381
Batch 116/248, train_loss: 0.3752, step time: 1.0249
Batch 117/248, train_loss: 0.7713, step time: 1.0338
Batch 118/248, train_loss: 0.6348, step time: 1.0300
Batch 119/248, train_loss: 0.4622, step time: 1.0170
Batch 120/248, train_loss: 0.4482, step time: 1.0206
Batch 121/248, train_loss: 0.5103, step time: 1.0175
Batch 122/248, train_loss: 0.5736, step time: 1.0110
Batch 123/248, train_loss: 0.3734, step time: 1.0103
Batch 124/248, train_loss: 0.4736, step time: 1.0264
Batch 125/248, train_loss: 0.6244, step time: 1.0367
Batch 126/248, train_loss: 0.4550, step time: 1.0124
Batch 127/248, train_loss: 0.3902, step time: 1.0365
Batch 128/248, train_loss: 0.6092, step time: 1.0136
Batch 129/248, train_loss: 0.3685, step time: 1.0155
Batch 130/248, train_loss: 0.3779, step time: 1.0162
Batch 131/248, train_loss: 0.5805, step time: 1.0154
Batch 132/248, train_loss: 0.4875, step time: 1.0095
Batch 133/248, train_loss: 0.4187, step time: 1.0187
Batch 134/248, train_loss: 0.7859, step time: 1.0258
Batch 135/248, train_loss: 0.4712, step time: 1.0168
Batch 136/248, train_loss: 0.4269, step time: 1.0222
Batch 137/248, train_loss: 0.4314, step time: 1.0122
Batch 138/248, train_loss: 0.3659, step time: 1.0181
Batch 139/248, train_loss: 0.4456, step time: 1.0108
Batch 140/248, train_loss: 0.4719, step time: 1.0252
Batch 141/248, train_loss: 0.4211, step time: 1.1468
Batch 142/248, train_loss: 0.8735, step time: 1.0382
Batch 143/248, train_loss: 0.4940, step time: 1.0406
Batch 144/248, train_loss: 0.4407, step time: 1.0416
Batch 145/248, train_loss: 0.3382, step time: 1.0355
Batch 146/248, train_loss: 0.5247, step time: 1.0214
Batch 147/248, train_loss: 0.3346, step time: 1.0150
Batch 148/248, train_loss: 0.7019, step time: 1.0241
Batch 149/248, train_loss: 0.4227, step time: 1.0373
Batch 150/248, train_loss: 0.7344, step time: 1.0260
Batch 151/248, train_loss: 0.4449, step time: 1.0447
Batch 152/248, train_loss: 0.3349, step time: 1.0220
Batch 153/248, train_loss: 0.6722, step time: 1.0252
Batch 154/248, train_loss: 0.5500, step time: 1.0344
Batch 155/248, train_loss: 0.4332, step time: 1.0250
Batch 156/248, train_loss: 0.4072, step time: 1.0280
Batch 157/248, train_loss: 0.4807, step time: 1.0340
Batch 158/248, train_loss: 0.9986, step time: 1.0234
Batch 159/248, train_loss: 0.6124, step time: 1.0336
Batch 160/248, train_loss: 0.4060, step time: 1.0394
Batch 161/248, train_loss: 0.3832, step time: 1.0348
Batch 162/248, train_loss: 0.3368, step time: 1.0359
Batch 163/248, train_loss: 0.4361, step time: 1.0331
Batch 164/248, train_loss: 0.4552, step time: 1.0313
Batch 165/248, train_loss: 0.7148, step time: 1.0355
Batch 166/248, train_loss: 0.4019, step time: 1.0321

Batch 167/248, train_loss: 0.4499, step time: 1.0209
Batch 168/248, train_loss: 0.4446, step time: 1.0216
Batch 169/248, train_loss: 0.3867, step time: 1.0473
Batch 170/248, train_loss: 0.9026, step time: 1.0202
Batch 171/248, train_loss: 0.3695, step time: 1.0359
Batch 172/248, train_loss: 0.8276, step time: 1.0403
Batch 173/248, train_loss: 0.3681, step time: 1.0225
Batch 174/248, train_loss: 0.8234, step time: 1.0429
Batch 175/248, train_loss: 0.3891, step time: 1.0402
Batch 176/248, train_loss: 0.5221, step time: 1.0292
Batch 177/248, train_loss: 0.5103, step time: 1.0252
Batch 178/248, train_loss: 0.4440, step time: 1.0401
Batch 179/248, train_loss: 0.3535, step time: 1.0388
Batch 180/248, train_loss: 0.5694, step time: 1.0396
Batch 181/248, train_loss: 0.3703, step time: 1.0437
Batch 182/248, train_loss: 0.9128, step time: 1.0239
Batch 183/248, train_loss: 0.5024, step time: 1.0325
Batch 184/248, train_loss: 0.5891, step time: 1.0384
Batch 185/248, train_loss: 0.4073, step time: 1.0477
Batch 186/248, train_loss: 0.3935, step time: 1.0291
Batch 187/248, train_loss: 0.4085, step time: 1.0314
Batch 188/248, train_loss: 0.4747, step time: 1.0348
Batch 189/248, train_loss: 0.5629, step time: 1.0459
Batch 190/248, train_loss: 0.4202, step time: 1.0229
Batch 191/248, train_loss: 0.6526, step time: 1.0268
Batch 192/248, train_loss: 0.4682, step time: 1.0306
Batch 193/248, train_loss: 0.4772, step time: 1.0462
Batch 194/248, train_loss: 0.3991, step time: 1.0200
Batch 195/248, train_loss: 0.6120, step time: 1.0487
Batch 196/248, train_loss: 1.0000, step time: 1.0300
Batch 197/248, train_loss: 0.4945, step time: 1.0444
Batch 198/248, train_loss: 0.8149, step time: 1.0363
Batch 199/248, train_loss: 0.4278, step time: 1.0477
Batch 200/248, train_loss: 0.4158, step time: 1.0228
Batch 201/248, train_loss: 0.4144, step time: 1.0249
Batch 202/248, train_loss: 0.6011, step time: 1.0269
Batch 203/248, train_loss: 0.5879, step time: 1.0235
Batch 204/248, train_loss: 0.4017, step time: 1.0216
Batch 205/248, train_loss: 0.5194, step time: 1.0524
Batch 206/248, train_loss: 0.5583, step time: 1.0477
Batch 207/248, train_loss: 0.3743, step time: 1.0405
Batch 208/248, train_loss: 0.4410, step time: 1.0358
Batch 209/248, train_loss: 0.4236, step time: 1.0323
Batch 210/248, train_loss: 0.3705, step time: 1.0218
Batch 211/248, train_loss: 0.3772, step time: 1.0443
Batch 212/248, train_loss: 0.4504, step time: 1.0405
Batch 213/248, train_loss: 0.4207, step time: 1.0521
Batch 214/248, train_loss: 0.3820, step time: 1.0250
Batch 215/248, train_loss: 0.5293, step time: 1.0282
Batch 216/248, train_loss: 0.4516, step time: 1.0355
Batch 217/248, train_loss: 0.5299, step time: 1.0390
Batch 218/248, train_loss: 0.8430, step time: 1.0494
Batch 219/248, train_loss: 0.3801, step time: 1.0541
Batch 220/248, train_loss: 0.5118, step time: 1.0255
Batch 221/248, train_loss: 0.5004, step time: 1.0282
Batch 222/248, train_loss: 0.4699, step time: 1.0340
Batch 223/248, train_loss: 0.3485, step time: 1.0393
Batch 224/248, train_loss: 0.3875, step time: 1.0437
Batch 225/248, train_loss: 0.4782, step time: 1.0447
Batch 226/248, train_loss: 0.4269, step time: 1.0341
Batch 227/248, train_loss: 0.3775, step time: 1.0320
Batch 228/248, train_loss: 0.4517, step time: 1.0429
Batch 229/248, train_loss: 0.3806, step time: 1.0257
Batch 230/248, train_loss: 0.3766, step time: 1.0353
Batch 231/248, train_loss: 0.4790, step time: 1.0239
Batch 232/248, train_loss: 0.3753, step time: 1.0386
Batch 233/248, train_loss: 0.9683, step time: 1.0312
Batch 234/248, train_loss: 0.6799, step time: 1.0310
Batch 235/248, train_loss: 0.4780, step time: 1.0530
Batch 236/248, train_loss: 0.7754, step time: 1.0273
Batch 237/248, train_loss: 0.3997, step time: 1.0406
Batch 238/248, train_loss: 0.3914, step time: 1.0384
Batch 239/248, train_loss: 0.3278, step time: 1.0411
Batch 240/248, train_loss: 0.5894, step time: 1.0500
Batch 241/248, train_loss: 0.7479, step time: 1.0316
Batch 242/248, train_loss: 0.4273, step time: 1.0432
Batch 243/248, train_loss: 0.6112, step time: 1.0292
Batch 244/248, train_loss: 0.6136, step time: 1.0467
Batch 245/248, train_loss: 0.3732, step time: 1.0415
Batch 246/248, train_loss: 0.6479, step time: 1.0435
Batch 247/248, train_loss: 0.3542, step time: 1.0450
Batch 248/248, train_loss: 0.9990, step time: 1.0338

Labels



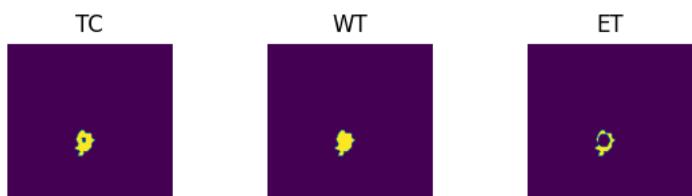
Predictions



VAL

```
Batch 1/31, val_loss: 0.7261
Batch 2/31, val_loss: 0.7866
Batch 3/31, val_loss: 0.7849
Batch 4/31, val_loss: 0.7701
Batch 5/31, val_loss: 0.7779
Batch 6/31, val_loss: 0.5859
Batch 7/31, val_loss: 0.6972
Batch 8/31, val_loss: 0.7837
Batch 9/31, val_loss: 0.5935
Batch 10/31, val_loss: 0.7646
Batch 11/31, val_loss: 0.6634
Batch 12/31, val_loss: 0.7949
Batch 13/31, val_loss: 0.8148
Batch 14/31, val_loss: 0.7873
Batch 15/31, val_loss: 0.7857
Batch 16/31, val_loss: 0.7837
Batch 17/31, val_loss: 0.7765
Batch 18/31, val_loss: 0.7540
Batch 19/31, val_loss: 0.6491
Batch 20/31, val_loss: 0.7201
Batch 21/31, val_loss: 0.7453
Batch 22/31, val_loss: 0.8052
Batch 23/31, val_loss: 0.8000
Batch 24/31, val_loss: 0.6174
Batch 25/31, val_loss: 0.6571
Batch 26/31, val_loss: 0.7315
Batch 27/31, val_loss: 0.7845
Batch 28/31, val_loss: 0.6422
Batch 29/31, val_loss: 0.8208
Batch 30/31, val_loss: 0.7781
Batch 31/31, val_loss: 0.7682
```

Labels



Predictions



epoch 52

```
average train loss: 0.5044
average validation loss: 0.7403
saved as best model: False
current mean dice: 0.3605
current TC dice: 0.5263
current WT dice: 0.5292
current ET dice: 0.0242
Best Mean Metric: 0.3886
```

time consuming of epoch 52 is: 1599.4205

epoch 53/100

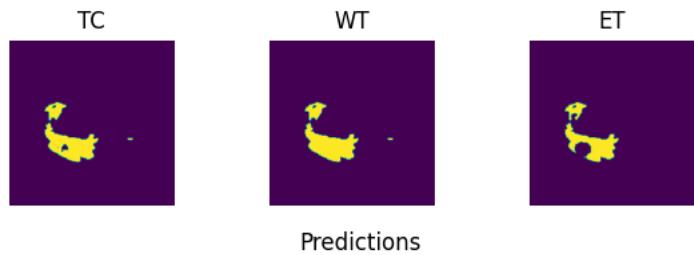
TRAIN

Batch 1/248, train_loss: 0.3641, step time: 1.0340
Batch 2/248, train_loss: 0.8126, step time: 1.0472
Batch 3/248, train_loss: 0.5433, step time: 1.0385
Batch 4/248, train_loss: 0.9980, step time: 1.0409
Batch 5/248, train_loss: 0.4924, step time: 1.0259
Batch 6/248, train_loss: 0.4204, step time: 1.0305
Batch 7/248, train_loss: 0.3583, step time: 1.0470
Batch 8/248, train_loss: 0.7852, step time: 1.0263
Batch 9/248, train_loss: 0.3444, step time: 1.0215
Batch 10/248, train_loss: 0.4970, step time: 1.0222
Batch 11/248, train_loss: 0.3875, step time: 1.0358
Batch 12/248, train_loss: 0.5173, step time: 1.0444
Batch 13/248, train_loss: 0.6256, step time: 1.0296
Batch 14/248, train_loss: 0.3438, step time: 1.0399
Batch 15/248, train_loss: 0.5581, step time: 1.0317
Batch 16/248, train_loss: 0.4435, step time: 1.0365
Batch 17/248, train_loss: 0.4495, step time: 1.0461
Batch 18/248, train_loss: 0.5332, step time: 1.0389
Batch 19/248, train_loss: 0.3970, step time: 1.0296
Batch 20/248, train_loss: 0.4716, step time: 1.0307
Batch 21/248, train_loss: 0.3634, step time: 1.0376
Batch 22/248, train_loss: 0.8086, step time: 1.0481
Batch 23/248, train_loss: 0.9103, step time: 1.0364
Batch 24/248, train_loss: 0.3953, step time: 1.0304
Batch 25/248, train_loss: 0.3457, step time: 1.0446
Batch 26/248, train_loss: 0.6024, step time: 1.0493
Batch 27/248, train_loss: 0.3714, step time: 1.0205
Batch 28/248, train_loss: 0.4538, step time: 1.0359
Batch 29/248, train_loss: 0.5893, step time: 1.0495
Batch 30/248, train_loss: 0.6238, step time: 1.0420
Batch 31/248, train_loss: 0.5241, step time: 1.0208
Batch 32/248, train_loss: 0.3856, step time: 1.0279
Batch 33/248, train_loss: 0.3561, step time: 1.0329
Batch 34/248, train_loss: 0.3529, step time: 1.0502
Batch 35/248, train_loss: 0.3729, step time: 1.0514
Batch 36/248, train_loss: 0.6059, step time: 1.0556
Batch 37/248, train_loss: 0.4613, step time: 1.0461
Batch 38/248, train_loss: 0.4901, step time: 1.0483
Batch 39/248, train_loss: 0.4186, step time: 1.0353
Batch 40/248, train_loss: 0.9979, step time: 1.0487
Batch 41/248, train_loss: 0.4647, step time: 1.0248
Batch 42/248, train_loss: 0.3807, step time: 1.0250
Batch 43/248, train_loss: 0.3525, step time: 1.0457
Batch 44/248, train_loss: 0.4254, step time: 1.0363
Batch 45/248, train_loss: 0.6541, step time: 1.0297
Batch 46/248, train_loss: 0.4203, step time: 1.0461
Batch 47/248, train_loss: 0.3826, step time: 1.0220
Batch 48/248, train_loss: 0.4690, step time: 1.0478
Batch 49/248, train_loss: 0.5055, step time: 1.0194
Batch 50/248, train_loss: 0.4155, step time: 1.0456
Batch 51/248, train_loss: 0.4375, step time: 1.0259
Batch 52/248, train_loss: 0.4083, step time: 1.0325
Batch 53/248, train_loss: 0.5357, step time: 1.0445
Batch 54/248, train_loss: 0.4727, step time: 1.0309
Batch 55/248, train_loss: 0.4764, step time: 1.0472
Batch 56/248, train_loss: 0.4539, step time: 1.0339
Batch 57/248, train_loss: 0.4645, step time: 1.0337
Batch 58/248, train_loss: 0.3824, step time: 1.0342
Batch 59/248, train_loss: 0.3829, step time: 1.0382
Batch 60/248, train_loss: 0.3638, step time: 1.0344
Batch 61/248, train_loss: 0.3817, step time: 1.0305
Batch 62/248, train_loss: 0.5060, step time: 1.0417
Batch 63/248, train_loss: 0.6379, step time: 1.0449
Batch 64/248, train_loss: 0.5676, step time: 1.0285
Batch 65/248, train_loss: 0.4794, step time: 1.0383
Batch 66/248, train_loss: 0.4065, step time: 1.0425
Batch 67/248, train_loss: 0.3589, step time: 1.0186
Batch 68/248, train_loss: 0.4010, step time: 1.0360
Batch 69/248, train_loss: 0.5750, step time: 1.0440
Batch 70/248, train_loss: 0.4035, step time: 1.0320
Batch 71/248, train_loss: 0.4218, step time: 1.0270
Batch 72/248, train_loss: 0.3632, step time: 1.0374
Batch 73/248, train_loss: 0.4439, step time: 1.0280
Batch 74/248, train_loss: 0.9945, step time: 1.0200
Batch 75/248, train_loss: 0.3963, step time: 1.0468
Batch 76/248, train_loss: 0.5668, step time: 1.0268
Batch 77/248, train_loss: 0.7699, step time: 1.0258
Batch 78/248, train_loss: 0.4204, step time: 1.0520
Batch 79/248, train_loss: 0.4200, step time: 1.0269
Batch 80/248, train_loss: 0.4561, step time: 1.0470
Batch 81/248, train_loss: 0.4538, step time: 1.0231

Batch 81/248, train_loss: 0.4555, step time: 1.0224
Batch 82/248, train_loss: 0.3876, step time: 1.0227
Batch 83/248, train_loss: 0.7579, step time: 1.0356
Batch 84/248, train_loss: 0.4691, step time: 1.0525
Batch 85/248, train_loss: 0.5548, step time: 1.0231
Batch 86/248, train_loss: 0.4826, step time: 1.0334
Batch 87/248, train_loss: 0.5253, step time: 1.0355
Batch 88/248, train_loss: 0.5595, step time: 1.0277
Batch 89/248, train_loss: 0.3596, step time: 1.0256
Batch 90/248, train_loss: 0.4490, step time: 1.0366
Batch 91/248, train_loss: 0.5387, step time: 1.0308
Batch 92/248, train_loss: 0.4986, step time: 1.0301
Batch 93/248, train_loss: 0.4302, step time: 1.0348
Batch 94/248, train_loss: 0.4316, step time: 1.0501
Batch 95/248, train_loss: 0.4366, step time: 1.0377
Batch 96/248, train_loss: 0.4256, step time: 1.0226
Batch 97/248, train_loss: 0.5964, step time: 1.0325
Batch 98/248, train_loss: 0.3921, step time: 1.0244
Batch 99/248, train_loss: 0.4944, step time: 1.0283
Batch 100/248, train_loss: 0.5246, step time: 1.0358
Batch 101/248, train_loss: 0.3425, step time: 1.0341
Batch 102/248, train_loss: 0.3940, step time: 1.0259
Batch 103/248, train_loss: 0.5354, step time: 1.0520
Batch 104/248, train_loss: 0.4548, step time: 1.0227
Batch 105/248, train_loss: 0.3736, step time: 1.0225
Batch 106/248, train_loss: 0.4224, step time: 1.0271
Batch 107/248, train_loss: 0.4716, step time: 1.0394
Batch 108/248, train_loss: 0.7001, step time: 1.0288
Batch 109/248, train_loss: 0.5560, step time: 1.0538
Batch 110/248, train_loss: 0.4328, step time: 1.0300
Batch 111/248, train_loss: 0.3767, step time: 1.0266
Batch 112/248, train_loss: 0.3796, step time: 1.0261
Batch 113/248, train_loss: 0.9782, step time: 1.0437
Batch 114/248, train_loss: 0.3921, step time: 1.0283
Batch 115/248, train_loss: 0.4329, step time: 1.0450
Batch 116/248, train_loss: 0.3653, step time: 1.0456
Batch 117/248, train_loss: 0.7372, step time: 1.0427
Batch 118/248, train_loss: 0.4347, step time: 1.0248
Batch 119/248, train_loss: 0.4644, step time: 1.0234
Batch 120/248, train_loss: 0.4908, step time: 1.0480
Batch 121/248, train_loss: 0.4998, step time: 1.0381
Batch 122/248, train_loss: 0.7139, step time: 1.0395
Batch 123/248, train_loss: 0.3686, step time: 1.0352
Batch 124/248, train_loss: 0.4803, step time: 1.0322
Batch 125/248, train_loss: 0.5999, step time: 1.0253
Batch 126/248, train_loss: 0.4348, step time: 1.0178
Batch 127/248, train_loss: 0.4003, step time: 1.0303
Batch 128/248, train_loss: 0.6792, step time: 1.0129
Batch 129/248, train_loss: 0.3771, step time: 1.0365
Batch 130/248, train_loss: 0.3665, step time: 1.0296
Batch 131/248, train_loss: 0.5911, step time: 1.0134
Batch 132/248, train_loss: 0.5412, step time: 1.0105
Batch 133/248, train_loss: 0.4041, step time: 1.0226
Batch 134/248, train_loss: 0.7295, step time: 1.0313
Batch 135/248, train_loss: 0.4296, step time: 1.0238
Batch 136/248, train_loss: 0.4228, step time: 1.0167
Batch 137/248, train_loss: 0.4159, step time: 1.0268
Batch 138/248, train_loss: 0.3644, step time: 1.0179
Batch 139/248, train_loss: 0.4243, step time: 1.0273
Batch 140/248, train_loss: 0.4607, step time: 1.0096
Batch 141/248, train_loss: 0.4215, step time: 1.0325
Batch 142/248, train_loss: 0.8264, step time: 1.0171
Batch 143/248, train_loss: 0.5126, step time: 1.0310
Batch 144/248, train_loss: 0.4397, step time: 1.0196
Batch 145/248, train_loss: 0.3368, step time: 1.0210
Batch 146/248, train_loss: 0.4885, step time: 1.0051
Batch 147/248, train_loss: 0.3189, step time: 1.0172
Batch 148/248, train_loss: 0.6779, step time: 1.0054
Batch 149/248, train_loss: 0.4219, step time: 1.0082
Batch 150/248, train_loss: 0.6913, step time: 1.0173
Batch 151/248, train_loss: 0.4498, step time: 1.0119
Batch 152/248, train_loss: 0.3200, step time: 1.0071
Batch 153/248, train_loss: 0.4790, step time: 1.0125
Batch 154/248, train_loss: 0.5283, step time: 1.0139
Batch 155/248, train_loss: 0.4214, step time: 1.0261
Batch 156/248, train_loss: 0.4059, step time: 1.0087
Batch 157/248, train_loss: 0.4720, step time: 1.0275
Batch 158/248, train_loss: 0.9986, step time: 1.0026
Batch 159/248, train_loss: 0.4965, step time: 1.0298
Batch 160/248, train_loss: 0.3919, step time: 1.0110
Batch 161/248, train_loss: 0.3722, step time: 1.0078
Batch 162/248, train_loss: 0.3242, step time: 1.0259
Batch 163/248, train_loss: 0.4225, step time: 1.0133
Batch 164/248, train_loss: 0.4155, step time: 1.0310
Batch 165/248, train_loss: 0.6453, step time: 1.0272

Batch 165/248, train_loss: 0.3869, step time: 1.0198
Batch 167/248, train_loss: 0.4186, step time: 1.0207
Batch 168/248, train_loss: 0.4267, step time: 1.0264
Batch 169/248, train_loss: 0.3860, step time: 1.0172
Batch 170/248, train_loss: 0.7734, step time: 1.0052
Batch 171/248, train_loss: 0.3494, step time: 1.0131
Batch 172/248, train_loss: 0.6733, step time: 1.0029
Batch 173/248, train_loss: 0.3483, step time: 1.0269
Batch 174/248, train_loss: 0.9668, step time: 1.0160
Batch 175/248, train_loss: 0.3530, step time: 1.0011
Batch 176/248, train_loss: 0.5202, step time: 1.0154
Batch 177/248, train_loss: 0.5170, step time: 1.0094
Batch 178/248, train_loss: 0.4270, step time: 1.0037
Batch 179/248, train_loss: 0.2885, step time: 1.0098
Batch 180/248, train_loss: 0.5594, step time: 1.0251
Batch 181/248, train_loss: 0.3391, step time: 1.0108
Batch 182/248, train_loss: 0.9106, step time: 1.0313
Batch 183/248, train_loss: 0.3779, step time: 1.0253
Batch 184/248, train_loss: 0.5724, step time: 1.0103
Batch 185/248, train_loss: 0.3990, step time: 1.0053
Batch 186/248, train_loss: 0.3635, step time: 1.0030
Batch 187/248, train_loss: 0.4098, step time: 1.0050
Batch 188/248, train_loss: 0.4560, step time: 1.0188
Batch 189/248, train_loss: 0.6855, step time: 1.0072
Batch 190/248, train_loss: 0.3865, step time: 1.0144
Batch 191/248, train_loss: 0.6544, step time: 1.0109
Batch 192/248, train_loss: 0.4194, step time: 1.0058
Batch 193/248, train_loss: 0.4824, step time: 1.0192
Batch 194/248, train_loss: 0.3886, step time: 1.0215
Batch 195/248, train_loss: 0.6589, step time: 1.0300
Batch 196/248, train_loss: 1.0000, step time: 1.0098
Batch 197/248, train_loss: 0.4709, step time: 1.0258
Batch 198/248, train_loss: 0.6072, step time: 1.0269
Batch 199/248, train_loss: 0.3971, step time: 1.0290
Batch 200/248, train_loss: 0.3883, step time: 1.0128
Batch 201/248, train_loss: 0.3290, step time: 1.0097
Batch 202/248, train_loss: 0.5750, step time: 1.0208
Batch 203/248, train_loss: 0.6987, step time: 1.0020
Batch 204/248, train_loss: 0.2579, step time: 1.0074
Batch 205/248, train_loss: 0.5071, step time: 1.0056
Batch 206/248, train_loss: 0.5818, step time: 1.0082
Batch 207/248, train_loss: 0.2109, step time: 1.0180
Batch 208/248, train_loss: 0.2901, step time: 0.9936
Batch 209/248, train_loss: 0.2923, step time: 1.0090
Batch 210/248, train_loss: 0.1475, step time: 1.0185
Batch 211/248, train_loss: 0.1472, step time: 1.0251
Batch 212/248, train_loss: 0.3769, step time: 1.0238
Batch 213/248, train_loss: 0.2738, step time: 1.0108
Batch 214/248, train_loss: 0.1574, step time: 1.0086
Batch 215/248, train_loss: 0.4163, step time: 1.0057
Batch 216/248, train_loss: 0.2324, step time: 1.0095
Batch 217/248, train_loss: 0.4198, step time: 1.0191
Batch 218/248, train_loss: 0.8212, step time: 1.0128
Batch 219/248, train_loss: 0.1121, step time: 1.0221
Batch 220/248, train_loss: 0.2997, step time: 1.0143
Batch 221/248, train_loss: 0.3298, step time: 1.0191
Batch 222/248, train_loss: 0.2812, step time: 1.0084
Batch 223/248, train_loss: 0.0850, step time: 1.0246
Batch 224/248, train_loss: 0.1352, step time: 1.0196
Batch 225/248, train_loss: 0.4328, step time: 1.0204
Batch 226/248, train_loss: 0.2172, step time: 1.0166
Batch 227/248, train_loss: 0.1664, step time: 1.0319
Batch 228/248, train_loss: 0.2324, step time: 1.0123
Batch 229/248, train_loss: 0.1376, step time: 1.0144
Batch 230/248, train_loss: 0.1077, step time: 1.0287
Batch 231/248, train_loss: 0.7576, step time: 1.0400
Batch 232/248, train_loss: 0.0995, step time: 1.0306
Batch 233/248, train_loss: 0.9731, step time: 1.0314
Batch 234/248, train_loss: 0.5304, step time: 1.0138
Batch 235/248, train_loss: 0.3896, step time: 1.0394
Batch 236/248, train_loss: 0.8554, step time: 1.0267
Batch 237/248, train_loss: 0.1900, step time: 1.0176
Batch 238/248, train_loss: 0.1251, step time: 1.0140
Batch 239/248, train_loss: 0.0835, step time: 1.0245
Batch 240/248, train_loss: 0.3475, step time: 1.0271
Batch 241/248, train_loss: 0.9806, step time: 1.0331
Batch 242/248, train_loss: 0.2590, step time: 1.0355
Batch 243/248, train_loss: 0.6273, step time: 1.0303
Batch 244/248, train_loss: 0.5374, step time: 1.0200
Batch 245/248, train_loss: 0.1275, step time: 1.0382
Batch 246/248, train_loss: 0.6672, step time: 1.0376
Batch 247/248, train_loss: 0.1098, step time: 1.0186
Batch 248/248, train_loss: 1.0000, step time: 1.0407

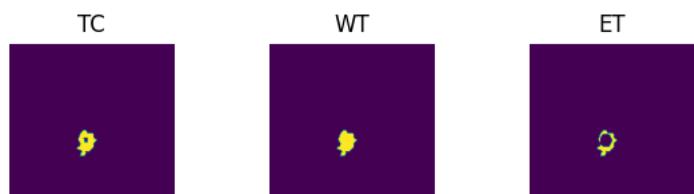
Labels



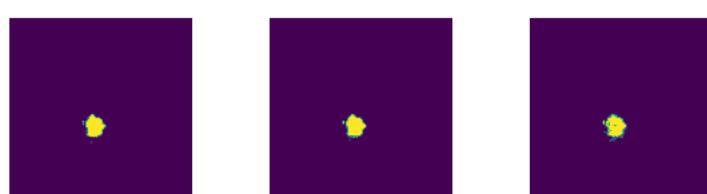
VAL

```
Batch 1/31, val_loss: 0.6981
Batch 2/31, val_loss: 0.7519
Batch 3/31, val_loss: 0.8096
Batch 4/31, val_loss: 0.7841
Batch 5/31, val_loss: 0.7957
Batch 6/31, val_loss: 0.5776
Batch 7/31, val_loss: 0.6896
Batch 8/31, val_loss: 0.8135
Batch 9/31, val_loss: 0.5793
Batch 10/31, val_loss: 0.7933
Batch 11/31, val_loss: 0.6425
Batch 12/31, val_loss: 0.7980
Batch 13/31, val_loss: 0.8081
Batch 14/31, val_loss: 0.7975
Batch 15/31, val_loss: 0.8311
Batch 16/31, val_loss: 0.7623
Batch 17/31, val_loss: 0.8141
Batch 18/31, val_loss: 0.7757
Batch 19/31, val_loss: 0.6476
Batch 20/31, val_loss: 0.7185
Batch 21/31, val_loss: 0.7533
Batch 22/31, val_loss: 0.8250
Batch 23/31, val_loss: 0.8208
Batch 24/31, val_loss: 0.6874
Batch 25/31, val_loss: 0.6454
Batch 26/31, val_loss: 0.7267
Batch 27/31, val_loss: 0.8090
Batch 28/31, val_loss: 0.6302
Batch 29/31, val_loss: 0.8478
Batch 30/31, val_loss: 0.7984
Batch 31/31, val_loss: 0.7977
```

Labels



Predictions



epoch 53

```
average train loss: 0.4709
average validation loss: 0.7468
saved as best model: True
current mean dice: 0.4980
current TC dice: 0.5349
current WT dice: 0.5364
current ET dice: 0.4660
Post Mean Metric: 0.4999
```

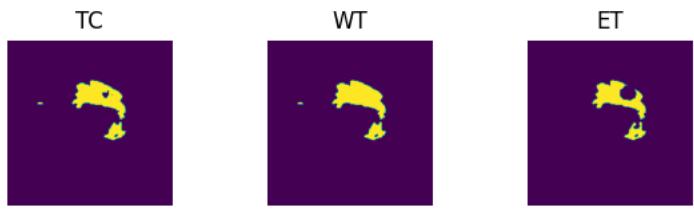
BEST MEAN METRIC: 0.4500
time consuming of epoch 53 is: 1589.2099

epoch 54/100
TRAIN
Batch 1/248, train_loss: 0.0973, step time: 1.0327
Batch 2/248, train_loss: 0.7584, step time: 1.0184
Batch 3/248, train_loss: 0.4009, step time: 1.0269
Batch 4/248, train_loss: 0.9981, step time: 1.0108
Batch 5/248, train_loss: 0.2377, step time: 1.0231
Batch 6/248, train_loss: 0.3750, step time: 1.0180
Batch 7/248, train_loss: 0.1022, step time: 1.0170
Batch 8/248, train_loss: 0.5726, step time: 1.0318
Batch 9/248, train_loss: 0.0621, step time: 1.0217
Batch 10/248, train_loss: 0.3680, step time: 1.0134
Batch 11/248, train_loss: 0.3116, step time: 1.0072
Batch 12/248, train_loss: 0.5640, step time: 1.0067
Batch 13/248, train_loss: 0.3771, step time: 1.0310
Batch 14/248, train_loss: 0.3198, step time: 1.0274
Batch 15/248, train_loss: 0.4474, step time: 1.0080
Batch 16/248, train_loss: 0.3405, step time: 1.0270
Batch 17/248, train_loss: 0.4314, step time: 1.0249
Batch 18/248, train_loss: 0.3306, step time: 1.0148
Batch 19/248, train_loss: 0.3866, step time: 1.0350
Batch 20/248, train_loss: 0.2070, step time: 1.0198
Batch 21/248, train_loss: 0.1441, step time: 1.0147
Batch 22/248, train_loss: 0.7506, step time: 1.0269
Batch 23/248, train_loss: 0.6210, step time: 1.0082
Batch 24/248, train_loss: 0.1437, step time: 1.0091
Batch 25/248, train_loss: 0.1801, step time: 1.0169
Batch 26/248, train_loss: 0.4790, step time: 1.0117
Batch 27/248, train_loss: 0.1876, step time: 1.0116
Batch 28/248, train_loss: 0.2201, step time: 1.0152
Batch 29/248, train_loss: 0.4212, step time: 1.0251
Batch 30/248, train_loss: 0.6674, step time: 1.0202
Batch 31/248, train_loss: 0.3916, step time: 1.0186
Batch 32/248, train_loss: 0.1605, step time: 1.0165
Batch 33/248, train_loss: 0.1093, step time: 1.0148
Batch 34/248, train_loss: 0.0714, step time: 1.0235
Batch 35/248, train_loss: 0.0953, step time: 1.0215
Batch 36/248, train_loss: 0.5417, step time: 1.0376
Batch 37/248, train_loss: 0.2571, step time: 1.0240
Batch 38/248, train_loss: 0.3847, step time: 1.0403
Batch 39/248, train_loss: 0.2738, step time: 1.0445
Batch 40/248, train_loss: 0.9994, step time: 1.0175
Batch 41/248, train_loss: 0.2178, step time: 1.0216
Batch 42/248, train_loss: 0.1198, step time: 1.0440
Batch 43/248, train_loss: 0.1006, step time: 1.0242
Batch 44/248, train_loss: 0.1827, step time: 1.0249
Batch 45/248, train_loss: 0.6257, step time: 1.0456
Batch 46/248, train_loss: 0.1738, step time: 1.0304
Batch 47/248, train_loss: 0.1001, step time: 1.0392
Batch 48/248, train_loss: 0.3640, step time: 1.0483
Batch 49/248, train_loss: 0.4506, step time: 1.0158
Batch 50/248, train_loss: 0.2222, step time: 1.0403
Batch 51/248, train_loss: 0.2147, step time: 1.0487
Batch 52/248, train_loss: 0.1822, step time: 1.0307
Batch 53/248, train_loss: 0.5440, step time: 1.0332
Batch 54/248, train_loss: 0.3158, step time: 1.0227
Batch 55/248, train_loss: 0.3258, step time: 1.0246
Batch 56/248, train_loss: 0.2938, step time: 1.0350
Batch 57/248, train_loss: 0.3423, step time: 1.0513
Batch 58/248, train_loss: 0.1008, step time: 1.0448
Batch 59/248, train_loss: 0.1222, step time: 1.0540
Batch 60/248, train_loss: 0.0987, step time: 1.0280
Batch 61/248, train_loss: 0.1295, step time: 1.0308
Batch 62/248, train_loss: 0.3030, step time: 1.0421
Batch 63/248, train_loss: 0.4734, step time: 1.0237
Batch 64/248, train_loss: 0.4753, step time: 1.0222
Batch 65/248, train_loss: 0.3324, step time: 1.0320
Batch 66/248, train_loss: 0.1981, step time: 1.0315
Batch 67/248, train_loss: 0.1298, step time: 1.0529
Batch 68/248, train_loss: 0.1749, step time: 1.0358
Batch 69/248, train_loss: 0.5575, step time: 1.0341
Batch 70/248, train_loss: 0.2016, step time: 1.0196
Batch 71/248, train_loss: 0.1871, step time: 1.0399
Batch 72/248, train_loss: 0.0856, step time: 1.0316
Batch 73/248, train_loss: 0.6277, step time: 1.0444
Batch 74/248, train_loss: 0.9958, step time: 1.0412
Batch 75/248, train_loss: 0.1984, step time: 1.0483
Batch 76/248, train_loss: 0.4974, step time: 1.0339
Batch 77/248, train_loss: 0.7272, step time: 1.0337
Batch 78/248, train_loss: 0.2199, step time: 1.0479
Batch 79/248, train_loss: 0.1590, step time: 1.0230
Batch 80/248, train_loss: 0.2779, step time: 1.0298

Batch 81/248, train_loss: 0.3314, step time: 1.0431
Batch 82/248, train_loss: 0.1677, step time: 1.0278
Batch 83/248, train_loss: 0.6738, step time: 1.0368
Batch 84/248, train_loss: 0.2868, step time: 1.0336
Batch 85/248, train_loss: 0.4293, step time: 1.0314
Batch 86/248, train_loss: 0.2759, step time: 1.0463
Batch 87/248, train_loss: 0.6645, step time: 1.0227
Batch 88/248, train_loss: 0.4563, step time: 1.0423
Batch 89/248, train_loss: 0.1002, step time: 1.0401
Batch 90/248, train_loss: 0.2152, step time: 1.0296
Batch 91/248, train_loss: 0.4042, step time: 1.0190
Batch 92/248, train_loss: 0.3071, step time: 1.0446
Batch 93/248, train_loss: 0.1868, step time: 1.0344
Batch 94/248, train_loss: 0.3622, step time: 1.0317
Batch 95/248, train_loss: 0.2117, step time: 1.0472
Batch 96/248, train_loss: 0.2821, step time: 1.0273
Batch 97/248, train_loss: 0.5605, step time: 1.0213
Batch 98/248, train_loss: 0.1420, step time: 1.0280
Batch 99/248, train_loss: 0.3354, step time: 1.0309
Batch 100/248, train_loss: 0.3654, step time: 1.0519
Batch 101/248, train_loss: 0.0788, step time: 1.0415
Batch 102/248, train_loss: 0.2288, step time: 1.0400
Batch 103/248, train_loss: 0.4722, step time: 1.0470
Batch 104/248, train_loss: 0.3466, step time: 1.0269
Batch 105/248, train_loss: 0.1255, step time: 1.0199
Batch 106/248, train_loss: 0.1596, step time: 1.0246
Batch 107/248, train_loss: 0.2766, step time: 1.0280
Batch 108/248, train_loss: 0.5626, step time: 1.0473
Batch 109/248, train_loss: 0.4406, step time: 1.0254
Batch 110/248, train_loss: 0.4040, step time: 1.0385
Batch 111/248, train_loss: 0.2180, step time: 1.0363
Batch 112/248, train_loss: 0.1948, step time: 1.0476
Batch 113/248, train_loss: 0.9069, step time: 1.0444
Batch 114/248, train_loss: 0.2072, step time: 1.0314
Batch 115/248, train_loss: 0.3253, step time: 1.0498
Batch 116/248, train_loss: 0.1246, step time: 1.0415
Batch 117/248, train_loss: 0.7441, step time: 1.0243
Batch 118/248, train_loss: 0.5223, step time: 1.0398
Batch 119/248, train_loss: 0.3658, step time: 1.0296
Batch 120/248, train_loss: 0.2638, step time: 1.0379
Batch 121/248, train_loss: 0.4146, step time: 1.0428
Batch 122/248, train_loss: 0.4655, step time: 1.0397
Batch 123/248, train_loss: 0.1074, step time: 1.0236
Batch 124/248, train_loss: 0.3263, step time: 1.0339
Batch 125/248, train_loss: 0.5217, step time: 1.0272
Batch 126/248, train_loss: 0.2218, step time: 1.0488
Batch 127/248, train_loss: 0.1808, step time: 1.0338
Batch 128/248, train_loss: 0.5846, step time: 1.0350
Batch 129/248, train_loss: 0.1612, step time: 1.0266
Batch 130/248, train_loss: 0.1401, step time: 1.0332
Batch 131/248, train_loss: 0.4949, step time: 1.0266
Batch 132/248, train_loss: 0.1898, step time: 1.0301
Batch 133/248, train_loss: 0.2371, step time: 1.0448
Batch 134/248, train_loss: 0.6248, step time: 1.0448
Batch 135/248, train_loss: 0.3532, step time: 1.0221
Batch 136/248, train_loss: 0.1511, step time: 1.0194
Batch 137/248, train_loss: 0.1468, step time: 1.0251
Batch 138/248, train_loss: 0.0989, step time: 1.0314
Batch 139/248, train_loss: 0.1778, step time: 1.0168
Batch 140/248, train_loss: 0.2469, step time: 1.0339
Batch 141/248, train_loss: 0.1966, step time: 1.0496
Batch 142/248, train_loss: 0.5644, step time: 1.0301
Batch 143/248, train_loss: 0.2881, step time: 1.0357
Batch 144/248, train_loss: 0.1566, step time: 1.0247
Batch 145/248, train_loss: 0.1018, step time: 1.0240
Batch 146/248, train_loss: 0.4874, step time: 1.0428
Batch 147/248, train_loss: 0.0704, step time: 1.0375
Batch 148/248, train_loss: 0.6002, step time: 1.0515
Batch 149/248, train_loss: 0.1859, step time: 1.0371
Batch 150/248, train_loss: 0.6136, step time: 1.0378
Batch 151/248, train_loss: 0.3650, step time: 1.0371
Batch 152/248, train_loss: 0.0600, step time: 1.0152
Batch 153/248, train_loss: 0.3188, step time: 1.0250
Batch 154/248, train_loss: 0.5135, step time: 1.0371
Batch 155/248, train_loss: 0.1238, step time: 1.0403
Batch 156/248, train_loss: 0.6924, step time: 1.0305
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Batch 159/248, train_loss: 0.4606, step time: 1.0398
Batch 160/248, train_loss: 0.1161, step time: 1.0252
Batch 161/248, train_loss: 0.0861, step time: 1.0302
Batch 162/248, train_loss: 0.1006, step time: 1.0275
Batch 163/248, train_loss: 0.8194, step time: 1.0532
Batch 164/248, train_loss: 0.2158, step time: 1.0355
Batch 165/248, train_loss: 0.8355, step time: 1.0349

Batch 166/248, train_loss: 0.1163, step time: 1.0417
Batch 167/248, train_loss: 0.2610, step time: 1.0244
Batch 168/248, train_loss: 0.2261, step time: 1.0480
Batch 169/248, train_loss: 0.1641, step time: 1.0280
Batch 170/248, train_loss: 0.9008, step time: 1.0410
Batch 171/248, train_loss: 0.1295, step time: 1.0343
Batch 172/248, train_loss: 0.5355, step time: 1.0442
Batch 173/248, train_loss: 0.1206, step time: 1.0233
Batch 174/248, train_loss: 0.7352, step time: 1.0348
Batch 175/248, train_loss: 0.2723, step time: 1.0426
Batch 176/248, train_loss: 0.9166, step time: 1.0234
Batch 177/248, train_loss: 0.5548, step time: 1.0321
Batch 178/248, train_loss: 0.5692, step time: 1.0282
Batch 179/248, train_loss: 0.2026, step time: 1.0530
Batch 180/248, train_loss: 0.2566, step time: 1.0489
Batch 181/248, train_loss: 0.1409, step time: 1.0301
Batch 182/248, train_loss: 0.9518, step time: 1.0374
Batch 183/248, train_loss: 0.1658, step time: 1.0309
Batch 184/248, train_loss: 0.4394, step time: 1.0413
Batch 185/248, train_loss: 0.2361, step time: 1.0386
Batch 186/248, train_loss: 0.1383, step time: 1.0384
Batch 187/248, train_loss: 0.2380, step time: 1.0081
Batch 188/248, train_loss: 0.2761, step time: 1.0204
Batch 189/248, train_loss: 0.8094, step time: 1.0348
Batch 190/248, train_loss: 0.1845, step time: 1.0081
Batch 191/248, train_loss: 0.8113, step time: 1.0293
Batch 192/248, train_loss: 0.2812, step time: 1.0324
Batch 193/248, train_loss: 0.2887, step time: 1.0227
Batch 194/248, train_loss: 0.1132, step time: 1.0144
Batch 195/248, train_loss: 0.6464, step time: 1.0139
Batch 196/248, train_loss: 0.9998, step time: 1.0278
Batch 197/248, train_loss: 0.3047, step time: 1.0146
Batch 198/248, train_loss: 0.9869, step time: 1.0349
Batch 199/248, train_loss: 0.1682, step time: 1.0178
Batch 200/248, train_loss: 0.1983, step time: 1.0080
Batch 201/248, train_loss: 0.1689, step time: 1.0061
Batch 202/248, train_loss: 0.4546, step time: 1.0147
Batch 203/248, train_loss: 0.5416, step time: 1.0091
Batch 204/248, train_loss: 0.1431, step time: 1.0062
Batch 205/248, train_loss: 0.3588, step time: 1.0086
Batch 206/248, train_loss: 0.5268, step time: 1.0188
Batch 207/248, train_loss: 0.1159, step time: 1.0094
Batch 208/248, train_loss: 0.1563, step time: 1.0261
Batch 209/248, train_loss: 0.1629, step time: 1.0122
Batch 210/248, train_loss: 0.0816, step time: 1.0148
Batch 211/248, train_loss: 0.1033, step time: 1.0266
Batch 212/248, train_loss: 0.5213, step time: 1.0082
Batch 213/248, train_loss: 0.2041, step time: 1.0153
Batch 214/248, train_loss: 0.1206, step time: 1.0084
Batch 215/248, train_loss: 0.3550, step time: 1.0079
Batch 216/248, train_loss: 0.2531, step time: 1.0227
Batch 217/248, train_loss: 0.3112, step time: 1.0085
Batch 218/248, train_loss: 0.8854, step time: 1.0220
Batch 219/248, train_loss: 0.0972, step time: 1.0100
Batch 220/248, train_loss: 0.3144, step time: 1.0115
Batch 221/248, train_loss: 0.4167, step time: 1.0235
Batch 222/248, train_loss: 0.2351, step time: 1.0245
Batch 223/248, train_loss: 0.0725, step time: 1.0078
Batch 224/248, train_loss: 0.1337, step time: 1.0133
Batch 225/248, train_loss: 0.4482, step time: 1.0272
Batch 226/248, train_loss: 0.5195, step time: 1.0075
Batch 227/248, train_loss: 0.1702, step time: 1.0091
Batch 228/248, train_loss: 0.4427, step time: 1.0054
Batch 229/248, train_loss: 0.1336, step time: 1.0016
Batch 230/248, train_loss: 0.0992, step time: 1.0092
Batch 231/248, train_loss: 0.3759, step time: 1.0028
Batch 232/248, train_loss: 0.1048, step time: 1.0102
Batch 233/248, train_loss: 0.9427, step time: 1.0114
Batch 234/248, train_loss: 0.5037, step time: 1.0254
Batch 235/248, train_loss: 0.4141, step time: 1.0272
Batch 236/248, train_loss: 0.8196, step time: 1.0262
Batch 237/248, train_loss: 0.1899, step time: 1.0307
Batch 238/248, train_loss: 0.1322, step time: 1.0101
Batch 239/248, train_loss: 0.1187, step time: 1.0195
Batch 240/248, train_loss: 0.3392, step time: 1.0050
Batch 241/248, train_loss: 0.8025, step time: 1.0310
Batch 242/248, train_loss: 0.2346, step time: 1.0219
Batch 243/248, train_loss: 0.6444, step time: 1.0098
Batch 244/248, train_loss: 0.4948, step time: 1.0277
Batch 245/248, train_loss: 0.1483, step time: 1.0202
Batch 246/248, train_loss: 0.5871, step time: 1.0129
Batch 247/248, train_loss: 0.1055, step time: 1.0287
Batch 248/248, train_loss: 0.9998, step time: 1.0234

Labels



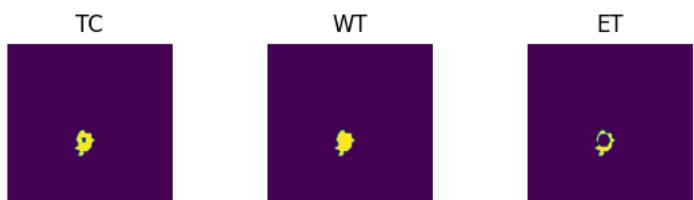
Predictions



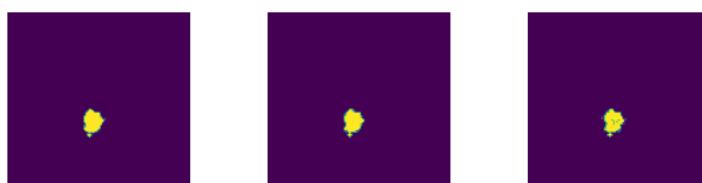
VAL

```
Batch 1/31, val_loss: 0.7041
Batch 2/31, val_loss: 0.7585
Batch 3/31, val_loss: 0.8013
Batch 4/31, val_loss: 0.7641
Batch 5/31, val_loss: 0.7772
Batch 6/31, val_loss: 0.5589
Batch 7/31, val_loss: 0.6931
Batch 8/31, val_loss: 0.7913
Batch 9/31, val_loss: 0.5588
Batch 10/31, val_loss: 0.7873
Batch 11/31, val_loss: 0.6145
Batch 12/31, val_loss: 0.7883
Batch 13/31, val_loss: 0.7912
Batch 14/31, val_loss: 0.7897
Batch 15/31, val_loss: 0.7784
Batch 16/31, val_loss: 0.7316
Batch 17/31, val_loss: 0.7912
Batch 18/31, val_loss: 0.7557
Batch 19/31, val_loss: 0.6277
Batch 20/31, val_loss: 0.7479
Batch 21/31, val_loss: 0.7859
Batch 22/31, val_loss: 0.8159
Batch 23/31, val_loss: 0.7994
Batch 24/31, val_loss: 0.5960
Batch 25/31, val_loss: 0.6341
Batch 26/31, val_loss: 0.6901
Batch 27/31, val_loss: 0.7920
Batch 28/31, val_loss: 0.6457
Batch 29/31, val_loss: 0.8191
Batch 30/31, val_loss: 0.7702
Batch 31/31, val_loss: 0.7749
```

Labels



Predictions



epoch 54

```
average train loss: 0.3489
average validation loss: 0.7334
saved as best model: False
current mean dice: 0.4914
current TC dice: 0.5311
current WT dice: 0.5296
current ET dice: 0.4433
```

Best Mean Metric: 0.4980
time consuming of epoch 54 is: 1589.0679

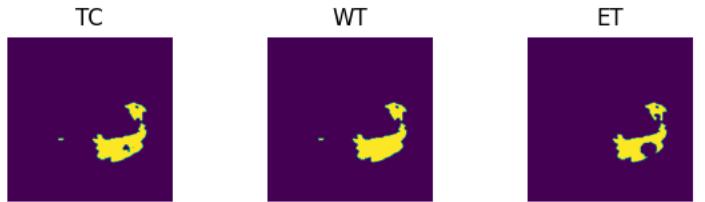
epoch 55/100
TRAIN

Batch 1/248, train_loss: 0.1090, step time: 1.0129
Batch 2/248, train_loss: 0.8021, step time: 1.0165
Batch 3/248, train_loss: 0.4390, step time: 1.0305
Batch 4/248, train_loss: 0.9978, step time: 0.9998
Batch 5/248, train_loss: 0.2625, step time: 1.0057
Batch 6/248, train_loss: 0.2469, step time: 1.0050
Batch 7/248, train_loss: 0.1047, step time: 1.0081
Batch 8/248, train_loss: 0.6754, step time: 1.0252
Batch 9/248, train_loss: 0.0603, step time: 1.0238
Batch 10/248, train_loss: 0.3031, step time: 1.0067
Batch 11/248, train_loss: 0.3487, step time: 1.0187
Batch 12/248, train_loss: 0.4041, step time: 1.0301
Batch 13/248, train_loss: 0.3279, step time: 1.0243
Batch 14/248, train_loss: 0.0761, step time: 1.0255
Batch 15/248, train_loss: 0.3832, step time: 1.0094
Batch 16/248, train_loss: 0.2218, step time: 1.0045
Batch 17/248, train_loss: 0.3465, step time: 1.0252
Batch 18/248, train_loss: 0.3649, step time: 1.0074
Batch 19/248, train_loss: 0.1588, step time: 1.0080
Batch 20/248, train_loss: 0.2447, step time: 1.0091
Batch 21/248, train_loss: 0.0879, step time: 1.0284
Batch 22/248, train_loss: 0.6329, step time: 1.0109
Batch 23/248, train_loss: 0.6218, step time: 1.0181
Batch 24/248, train_loss: 0.1197, step time: 1.0249
Batch 25/248, train_loss: 0.1000, step time: 1.0036
Batch 26/248, train_loss: 0.4390, step time: 1.0187
Batch 27/248, train_loss: 0.1056, step time: 1.0129
Batch 28/248, train_loss: 0.1908, step time: 1.0179
Batch 29/248, train_loss: 0.4802, step time: 1.0051
Batch 30/248, train_loss: 0.2370, step time: 1.0197
Batch 31/248, train_loss: 0.3451, step time: 1.0200
Batch 32/248, train_loss: 0.1308, step time: 1.0087
Batch 33/248, train_loss: 0.0973, step time: 1.0291
Batch 34/248, train_loss: 0.0633, step time: 1.0031
Batch 35/248, train_loss: 0.0781, step time: 1.0078
Batch 36/248, train_loss: 0.5628, step time: 1.0047
Batch 37/248, train_loss: 0.2672, step time: 1.0189
Batch 38/248, train_loss: 0.3408, step time: 1.0295
Batch 39/248, train_loss: 0.2291, step time: 1.0123
Batch 40/248, train_loss: 0.9898, step time: 1.0257
Batch 41/248, train_loss: 0.2361, step time: 1.0244
Batch 42/248, train_loss: 0.0856, step time: 1.0046
Batch 43/248, train_loss: 0.0752, step time: 1.0160
Batch 44/248, train_loss: 0.2091, step time: 1.0031
Batch 45/248, train_loss: 0.6256, step time: 1.0075
Batch 46/248, train_loss: 0.2178, step time: 1.0266
Batch 47/248, train_loss: 0.0921, step time: 1.0060
Batch 48/248, train_loss: 0.2710, step time: 1.0275
Batch 49/248, train_loss: 0.4435, step time: 1.0083
Batch 50/248, train_loss: 0.2205, step time: 1.0255
Batch 51/248, train_loss: 0.2063, step time: 1.0028
Batch 52/248, train_loss: 0.1753, step time: 1.0174
Batch 53/248, train_loss: 0.4664, step time: 1.0053
Batch 54/248, train_loss: 0.3125, step time: 1.0030
Batch 55/248, train_loss: 0.3540, step time: 1.0232
Batch 56/248, train_loss: 0.2335, step time: 1.0009
Batch 57/248, train_loss: 0.4142, step time: 1.0107
Batch 58/248, train_loss: 0.0994, step time: 1.0144
Batch 59/248, train_loss: 0.1129, step time: 1.0094
Batch 60/248, train_loss: 0.0936, step time: 1.0278
Batch 61/248, train_loss: 0.1277, step time: 1.0192
Batch 62/248, train_loss: 0.2990, step time: 1.0096
Batch 63/248, train_loss: 0.4617, step time: 1.0295
Batch 64/248, train_loss: 0.4480, step time: 1.0147
Batch 65/248, train_loss: 0.3133, step time: 1.0197
Batch 66/248, train_loss: 0.1575, step time: 1.0085
Batch 67/248, train_loss: 0.1200, step time: 1.0162
Batch 68/248, train_loss: 0.1424, step time: 1.0204
Batch 69/248, train_loss: 0.7745, step time: 1.0028
Batch 70/248, train_loss: 0.1998, step time: 1.0071
Batch 71/248, train_loss: 0.1725, step time: 1.0118
Batch 72/248, train_loss: 0.0817, step time: 1.0096
Batch 73/248, train_loss: 0.3995, step time: 1.0178
Batch 74/248, train_loss: 0.9959, step time: 1.0102
Batch 75/248, train_loss: 0.2013, step time: 1.0068
Batch 76/248, train_loss: 0.6472, step time: 1.0041
Batch 77/248, train_loss: 0.7795, step time: 1.0205
Batch 78/248, train_loss: 0.1769, step time: 1.0081
Batch 79/248, train_loss: 0.1425, step time: 1.0099
Batch 80/248, train_loss: 0.2468, step time: 1.0128

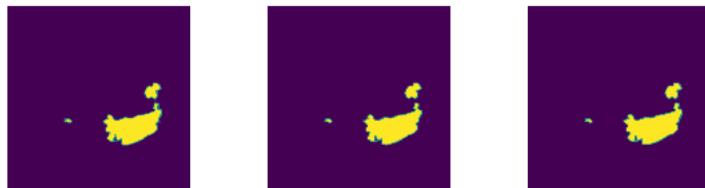
Batch 81/248, train_loss: 0.3964, step time: 1.0088
Batch 82/248, train_loss: 0.1513, step time: 1.0168
Batch 83/248, train_loss: 0.6386, step time: 1.0151
Batch 84/248, train_loss: 0.2655, step time: 1.0084
Batch 85/248, train_loss: 0.4415, step time: 1.0256
Batch 86/248, train_loss: 0.2895, step time: 1.0102
Batch 87/248, train_loss: 0.8493, step time: 1.0077
Batch 88/248, train_loss: 0.3828, step time: 1.0177
Batch 89/248, train_loss: 0.0929, step time: 1.0131
Batch 90/248, train_loss: 0.3818, step time: 1.0197
Batch 91/248, train_loss: 0.4132, step time: 1.0110
Batch 92/248, train_loss: 0.3159, step time: 1.0087
Batch 93/248, train_loss: 0.1994, step time: 1.0202
Batch 94/248, train_loss: 0.4754, step time: 1.0025
Batch 95/248, train_loss: 0.2095, step time: 1.0062
Batch 96/248, train_loss: 0.2653, step time: 1.0239
Batch 97/248, train_loss: 0.5502, step time: 1.0071
Batch 98/248, train_loss: 0.1364, step time: 1.0176
Batch 99/248, train_loss: 0.3451, step time: 1.0212
Batch 100/248, train_loss: 0.3356, step time: 1.0065
Batch 101/248, train_loss: 0.0810, step time: 1.0216
Batch 102/248, train_loss: 0.2312, step time: 1.0079
Batch 103/248, train_loss: 0.6096, step time: 1.0286
Batch 104/248, train_loss: 0.3845, step time: 1.0215
Batch 105/248, train_loss: 0.1065, step time: 1.0186
Batch 106/248, train_loss: 0.1839, step time: 1.0188
Batch 107/248, train_loss: 0.2564, step time: 1.0227
Batch 108/248, train_loss: 0.4772, step time: 1.0036
Batch 109/248, train_loss: 0.4399, step time: 1.0039
Batch 110/248, train_loss: 0.3354, step time: 1.0190
Batch 111/248, train_loss: 0.1393, step time: 1.0125
Batch 112/248, train_loss: 0.2131, step time: 1.0040
Batch 113/248, train_loss: 0.9864, step time: 1.0039
Batch 114/248, train_loss: 0.2236, step time: 1.0028
Batch 115/248, train_loss: 0.3422, step time: 1.0083
Batch 116/248, train_loss: 0.1021, step time: 1.0152
Batch 117/248, train_loss: 0.8049, step time: 1.0031
Batch 118/248, train_loss: 0.4189, step time: 1.0079
Batch 119/248, train_loss: 0.3338, step time: 1.0047
Batch 120/248, train_loss: 0.3029, step time: 1.0013
Batch 121/248, train_loss: 0.4046, step time: 1.0203
Batch 122/248, train_loss: 0.6811, step time: 1.0204
Batch 123/248, train_loss: 0.1441, step time: 1.0046
Batch 124/248, train_loss: 0.3542, step time: 1.0197
Batch 125/248, train_loss: 0.5132, step time: 1.0150
Batch 126/248, train_loss: 0.2256, step time: 1.0270
Batch 127/248, train_loss: 0.2089, step time: 1.0088
Batch 128/248, train_loss: 0.3149, step time: 1.0197
Batch 129/248, train_loss: 0.1422, step time: 1.0040
Batch 130/248, train_loss: 0.1540, step time: 1.0082
Batch 131/248, train_loss: 0.5081, step time: 1.0152
Batch 132/248, train_loss: 0.1867, step time: 1.0221
Batch 133/248, train_loss: 0.1780, step time: 1.0096
Batch 134/248, train_loss: 0.6400, step time: 1.0047
Batch 135/248, train_loss: 0.2900, step time: 1.0096
Batch 136/248, train_loss: 0.1445, step time: 1.0097
Batch 137/248, train_loss: 0.1585, step time: 1.0109
Batch 138/248, train_loss: 0.0855, step time: 1.0171
Batch 139/248, train_loss: 0.2117, step time: 1.0127
Batch 140/248, train_loss: 0.2476, step time: 1.0343
Batch 141/248, train_loss: 0.2055, step time: 1.0137
Batch 142/248, train_loss: 0.6717, step time: 1.0269
Batch 143/248, train_loss: 0.2775, step time: 1.0054
Batch 144/248, train_loss: 0.1571, step time: 1.0054
Batch 145/248, train_loss: 0.0927, step time: 1.0224
Batch 146/248, train_loss: 0.5279, step time: 1.0120
Batch 147/248, train_loss: 0.0778, step time: 1.0069
Batch 148/248, train_loss: 0.5925, step time: 1.0237
Batch 149/248, train_loss: 0.1840, step time: 1.0278
Batch 150/248, train_loss: 0.6409, step time: 1.0177
Batch 151/248, train_loss: 0.4456, step time: 1.0280
Batch 152/248, train_loss: 0.0570, step time: 1.0293
Batch 153/248, train_loss: 0.2629, step time: 1.0185
Batch 154/248, train_loss: 0.5009, step time: 1.0256
Batch 155/248, train_loss: 0.1544, step time: 1.0270
Batch 156/248, train_loss: 0.1828, step time: 1.0377
Batch 157/248, train_loss: 0.3698, step time: 1.0272
Batch 158/248, train_loss: 0.9970, step time: 1.0314
Batch 159/248, train_loss: 0.4889, step time: 1.0323
Batch 160/248, train_loss: 0.1346, step time: 1.0344
Batch 161/248, train_loss: 0.0905, step time: 1.0232
Batch 162/248, train_loss: 0.1092, step time: 1.0430
Batch 163/248, train_loss: 0.1729, step time: 1.0205
Batch 164/248, train_loss: 0.1954, step time: 1.0128
Batch 165/248, train_loss: 0.5846, step time: 1.0198

Batch 100/248, train_loss: 0.0000, step time: 1.0159
Batch 166/248, train_loss: 0.1085, step time: 1.0329
Batch 167/248, train_loss: 0.2688, step time: 1.0261
Batch 168/248, train_loss: 0.2077, step time: 1.0333
Batch 169/248, train_loss: 0.1792, step time: 1.0195
Batch 170/248, train_loss: 0.5476, step time: 1.0425
Batch 171/248, train_loss: 0.1416, step time: 1.0275
Batch 172/248, train_loss: 0.5220, step time: 1.0365
Batch 173/248, train_loss: 0.1098, step time: 1.0266
Batch 174/248, train_loss: 0.7989, step time: 1.0452
Batch 175/248, train_loss: 0.1895, step time: 1.0237
Batch 176/248, train_loss: 0.4167, step time: 1.0353
Batch 177/248, train_loss: 0.4226, step time: 1.0222
Batch 178/248, train_loss: 0.2288, step time: 1.0209
Batch 179/248, train_loss: 0.1277, step time: 1.0439
Batch 180/248, train_loss: 0.4637, step time: 1.0290
Batch 181/248, train_loss: 0.1363, step time: 1.0203
Batch 182/248, train_loss: 0.8775, step time: 1.0574
Batch 183/248, train_loss: 0.1601, step time: 1.0241
Batch 184/248, train_loss: 0.3137, step time: 1.0492
Batch 185/248, train_loss: 0.1312, step time: 1.0287
Batch 186/248, train_loss: 0.1120, step time: 1.0476
Batch 187/248, train_loss: 0.2315, step time: 1.0300
Batch 188/248, train_loss: 0.2330, step time: 1.0294
Batch 189/248, train_loss: 0.6342, step time: 1.0367
Batch 190/248, train_loss: 0.1737, step time: 1.0393
Batch 191/248, train_loss: 0.6672, step time: 1.0411
Batch 192/248, train_loss: 0.2471, step time: 1.0290
Batch 193/248, train_loss: 0.2772, step time: 1.0466
Batch 194/248, train_loss: 0.1065, step time: 1.0252
Batch 195/248, train_loss: 0.6773, step time: 1.0332
Batch 196/248, train_loss: 0.9868, step time: 1.0406
Batch 197/248, train_loss: 0.2463, step time: 1.0205
Batch 198/248, train_loss: 0.9900, step time: 1.0418
Batch 199/248, train_loss: 0.1792, step time: 1.0488
Batch 200/248, train_loss: 0.1681, step time: 1.0225
Batch 201/248, train_loss: 0.1577, step time: 1.0321
Batch 202/248, train_loss: 0.4573, step time: 1.0305
Batch 203/248, train_loss: 0.5433, step time: 1.0279
Batch 204/248, train_loss: 0.1544, step time: 1.0331
Batch 205/248, train_loss: 0.3465, step time: 1.0238
Batch 206/248, train_loss: 0.3453, step time: 1.0310
Batch 207/248, train_loss: 0.1154, step time: 1.0423
Batch 208/248, train_loss: 0.1656, step time: 1.0262
Batch 209/248, train_loss: 0.1482, step time: 1.0247
Batch 210/248, train_loss: 0.0810, step time: 1.0427
Batch 211/248, train_loss: 0.1041, step time: 1.0450
Batch 212/248, train_loss: 0.2865, step time: 1.0328
Batch 213/248, train_loss: 0.2163, step time: 1.0344
Batch 214/248, train_loss: 0.1215, step time: 1.0497
Batch 215/248, train_loss: 0.3114, step time: 1.0300
Batch 216/248, train_loss: 0.2199, step time: 1.0247
Batch 217/248, train_loss: 0.3271, step time: 1.0543
Batch 218/248, train_loss: 0.7519, step time: 1.0278
Batch 219/248, train_loss: 0.0884, step time: 1.0282
Batch 220/248, train_loss: 0.3097, step time: 1.0540
Batch 221/248, train_loss: 0.3845, step time: 1.0248
Batch 222/248, train_loss: 0.2490, step time: 1.0418
Batch 223/248, train_loss: 0.0668, step time: 1.0281
Batch 224/248, train_loss: 0.1223, step time: 1.0416
Batch 225/248, train_loss: 0.2801, step time: 1.0466
Batch 226/248, train_loss: 0.1820, step time: 1.0369
Batch 227/248, train_loss: 0.1635, step time: 1.0288
Batch 228/248, train_loss: 0.1979, step time: 1.0374
Batch 229/248, train_loss: 0.1355, step time: 1.0272
Batch 230/248, train_loss: 0.0953, step time: 1.0316
Batch 231/248, train_loss: 0.3680, step time: 1.0417
Batch 232/248, train_loss: 0.0935, step time: 1.0548
Batch 233/248, train_loss: 0.9690, step time: 1.0367
Batch 234/248, train_loss: 0.4908, step time: 1.0240
Batch 235/248, train_loss: 0.3510, step time: 1.0179
Batch 236/248, train_loss: 0.8094, step time: 1.0375
Batch 237/248, train_loss: 0.1857, step time: 1.0347
Batch 238/248, train_loss: 0.1147, step time: 1.0285
Batch 239/248, train_loss: 0.0924, step time: 1.0137
Batch 240/248, train_loss: 0.4181, step time: 1.0261
Batch 241/248, train_loss: 0.7325, step time: 1.0304
Batch 242/248, train_loss: 0.2363, step time: 1.0219
Batch 243/248, train_loss: 0.6149, step time: 1.0393
Batch 244/248, train_loss: 0.4748, step time: 1.0394
Batch 245/248, train_loss: 0.1265, step time: 1.0255
Batch 246/248, train_loss: 0.6456, step time: 1.0171
Batch 247/248, train_loss: 0.1140, step time: 1.0377
Batch 248/248, train_loss: 0.9998, step time: 1.0220

Labels



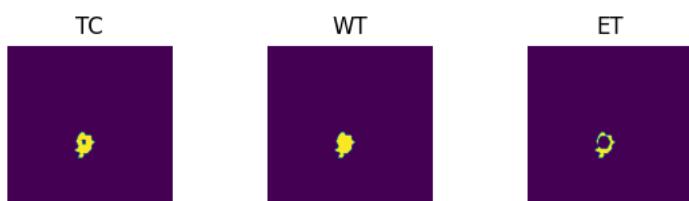
Predictions



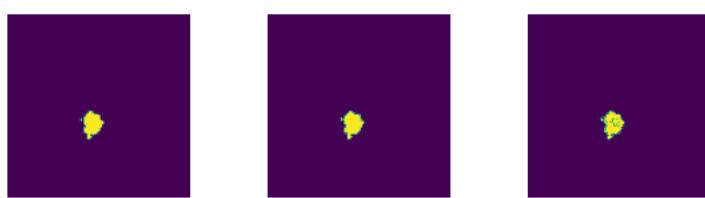
VAL

```
Batch 1/31, val_loss: 0.7287
Batch 2/31, val_loss: 0.7454
Batch 3/31, val_loss: 0.8084
Batch 4/31, val_loss: 0.8068
Batch 5/31, val_loss: 0.7894
Batch 6/31, val_loss: 0.5756
Batch 7/31, val_loss: 0.7098
Batch 8/31, val_loss: 0.8288
Batch 9/31, val_loss: 0.5634
Batch 10/31, val_loss: 0.7874
Batch 11/31, val_loss: 0.6341
Batch 12/31, val_loss: 0.8108
Batch 13/31, val_loss: 0.7922
Batch 14/31, val_loss: 0.8046
Batch 15/31, val_loss: 0.8027
Batch 16/31, val_loss: 0.7527
Batch 17/31, val_loss: 0.8146
Batch 18/31, val_loss: 0.7825
Batch 19/31, val_loss: 0.6462
Batch 20/31, val_loss: 0.7302
Batch 21/31, val_loss: 0.8079
Batch 22/31, val_loss: 0.8507
Batch 23/31, val_loss: 0.8233
Batch 24/31, val_loss: 0.6122
Batch 25/31, val_loss: 0.6262
Batch 26/31, val_loss: 0.6983
Batch 27/31, val_loss: 0.8076
Batch 28/31, val_loss: 0.6177
Batch 29/31, val_loss: 0.8591
Batch 30/31, val_loss: 0.8050
Batch 31/31, val_loss: 0.8007
```

Labels



Predictions



epoch 55

```
average train loss: 0.3232
average validation loss: 0.7491
saved as best model: False
current mean dice: 0.4964
current TC dice: 0.5365
current WT dice: 0.5357
current ET dice: 0.4501
```

Best Mean Metric: 0.4980
time consuming of epoch 55 is: 1597.0483

epoch 56/100

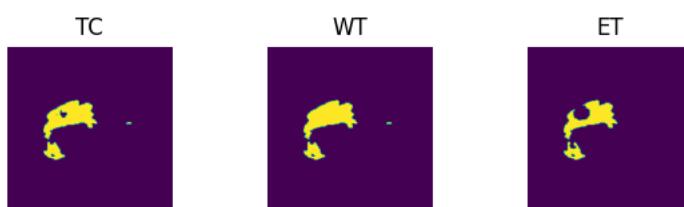
TRAIN

Batch 1/248, train_loss: 0.0999, step time: 1.0217
Batch 2/248, train_loss: 0.7197, step time: 1.0223
Batch 3/248, train_loss: 0.4126, step time: 1.0181
Batch 4/248, train_loss: 0.9961, step time: 1.0225
Batch 5/248, train_loss: 0.2521, step time: 1.0365
Batch 6/248, train_loss: 0.2652, step time: 1.0353
Batch 7/248, train_loss: 0.0891, step time: 1.0145
Batch 8/248, train_loss: 0.6560, step time: 1.0230
Batch 9/248, train_loss: 0.0551, step time: 1.0265
Batch 10/248, train_loss: 0.2904, step time: 1.0209
Batch 11/248, train_loss: 0.2571, step time: 1.0306
Batch 12/248, train_loss: 0.4679, step time: 1.0085
Batch 13/248, train_loss: 0.3007, step time: 1.0081
Batch 14/248, train_loss: 0.0728, step time: 1.0370
Batch 15/248, train_loss: 0.4030, step time: 1.0322
Batch 16/248, train_loss: 0.1974, step time: 1.0204
Batch 17/248, train_loss: 0.3028, step time: 1.0211
Batch 18/248, train_loss: 0.3185, step time: 1.0090
Batch 19/248, train_loss: 0.1158, step time: 1.0139
Batch 20/248, train_loss: 0.2386, step time: 1.0326
Batch 21/248, train_loss: 0.0764, step time: 1.0324
Batch 22/248, train_loss: 0.5386, step time: 1.0122
Batch 23/248, train_loss: 0.3417, step time: 1.0299
Batch 24/248, train_loss: 0.1090, step time: 1.0202
Batch 25/248, train_loss: 0.1043, step time: 1.0173
Batch 26/248, train_loss: 0.4547, step time: 1.0197
Batch 27/248, train_loss: 0.0840, step time: 1.0175
Batch 28/248, train_loss: 0.1931, step time: 1.0288
Batch 29/248, train_loss: 0.3888, step time: 1.0133
Batch 30/248, train_loss: 0.2382, step time: 1.0096
Batch 31/248, train_loss: 0.3394, step time: 1.0312
Batch 32/248, train_loss: 0.1149, step time: 1.0257
Batch 33/248, train_loss: 0.0978, step time: 1.0143
Batch 34/248, train_loss: 0.0603, step time: 1.0192
Batch 35/248, train_loss: 0.0775, step time: 1.0293
Batch 36/248, train_loss: 0.4118, step time: 1.0379
Batch 37/248, train_loss: 0.2375, step time: 1.0304
Batch 38/248, train_loss: 0.3211, step time: 1.0127
Batch 39/248, train_loss: 0.2255, step time: 1.0163
Batch 40/248, train_loss: 0.9986, step time: 1.0285
Batch 41/248, train_loss: 0.1820, step time: 1.0190
Batch 42/248, train_loss: 0.1029, step time: 1.0238
Batch 43/248, train_loss: 0.0680, step time: 1.0173
Batch 44/248, train_loss: 0.1814, step time: 1.0101
Batch 45/248, train_loss: 0.6584, step time: 1.0151
Batch 46/248, train_loss: 0.1860, step time: 1.0312
Batch 47/248, train_loss: 0.1008, step time: 1.0275
Batch 48/248, train_loss: 0.2502, step time: 1.0126
Batch 49/248, train_loss: 0.3924, step time: 1.0121
Batch 50/248, train_loss: 0.2089, step time: 1.0237
Batch 51/248, train_loss: 0.1981, step time: 1.0192
Batch 52/248, train_loss: 0.1785, step time: 1.0170
Batch 53/248, train_loss: 0.4505, step time: 1.0223
Batch 54/248, train_loss: 0.3112, step time: 1.0277
Batch 55/248, train_loss: 0.2930, step time: 1.0308
Batch 56/248, train_loss: 0.2227, step time: 1.0187
Batch 57/248, train_loss: 0.3623, step time: 1.0351
Batch 58/248, train_loss: 0.0998, step time: 1.0147
Batch 59/248, train_loss: 0.1189, step time: 1.0061
Batch 60/248, train_loss: 0.0944, step time: 1.0123
Batch 61/248, train_loss: 0.1156, step time: 1.0134
Batch 62/248, train_loss: 0.2710, step time: 1.0276
Batch 63/248, train_loss: 0.4569, step time: 1.0217
Batch 64/248, train_loss: 0.4370, step time: 1.0247
Batch 65/248, train_loss: 0.3221, step time: 1.0087
Batch 66/248, train_loss: 0.1735, step time: 1.0252
Batch 67/248, train_loss: 0.1151, step time: 1.0173
Batch 68/248, train_loss: 0.1238, step time: 1.0144
Batch 69/248, train_loss: 0.4905, step time: 1.0214
Batch 70/248, train_loss: 0.1905, step time: 1.0060
Batch 71/248, train_loss: 0.1461, step time: 1.0175
Batch 72/248, train_loss: 0.0766, step time: 1.0282
Batch 73/248, train_loss: 0.4001, step time: 1.0148
Batch 74/248, train_loss: 0.9942, step time: 1.0284
Batch 75/248, train_loss: 0.1893, step time: 1.0080
Batch 76/248, train_loss: 0.6021, step time: 1.0157
Batch 77/248, train_loss: 0.7514, step time: 1.0214
Batch 78/248, train_loss: 0.1492, step time: 1.0111
Batch 79/248, train_loss: 0.1454, step time: 1.0182
Batch 80/248, train_loss: 0.2252, step time: 1.0122

Batch 80/248, train_loss: 0.2255, step time: 1.0129
Batch 81/248, train_loss: 0.2116, step time: 1.0145
Batch 82/248, train_loss: 0.1392, step time: 1.0292
Batch 83/248, train_loss: 0.6599, step time: 1.0104
Batch 84/248, train_loss: 0.3160, step time: 1.0331
Batch 85/248, train_loss: 0.4276, step time: 1.0247
Batch 86/248, train_loss: 0.3621, step time: 1.0347
Batch 87/248, train_loss: 0.5223, step time: 1.0267
Batch 88/248, train_loss: 0.3858, step time: 1.0099
Batch 89/248, train_loss: 0.0946, step time: 1.0196
Batch 90/248, train_loss: 0.3281, step time: 1.0148
Batch 91/248, train_loss: 0.3671, step time: 1.0155
Batch 92/248, train_loss: 0.4401, step time: 1.0277
Batch 93/248, train_loss: 0.1727, step time: 1.0126
Batch 94/248, train_loss: 0.2946, step time: 1.0212
Batch 95/248, train_loss: 0.1976, step time: 1.0264
Batch 96/248, train_loss: 0.2526, step time: 1.0299
Batch 97/248, train_loss: 0.4862, step time: 1.0256
Batch 98/248, train_loss: 0.1322, step time: 1.0255
Batch 99/248, train_loss: 0.3311, step time: 1.0218
Batch 100/248, train_loss: 0.3361, step time: 1.0289
Batch 101/248, train_loss: 0.0752, step time: 1.0170
Batch 102/248, train_loss: 0.1462, step time: 1.0064
Batch 103/248, train_loss: 0.3364, step time: 1.0332
Batch 104/248, train_loss: 0.3474, step time: 1.0271
Batch 105/248, train_loss: 0.1080, step time: 1.0109
Batch 106/248, train_loss: 0.1636, step time: 1.0257
Batch 107/248, train_loss: 0.2521, step time: 1.0203
Batch 108/248, train_loss: 0.4903, step time: 1.0120
Batch 109/248, train_loss: 0.6748, step time: 1.0113
Batch 110/248, train_loss: 0.3314, step time: 1.0142
Batch 111/248, train_loss: 0.1364, step time: 1.0124
Batch 112/248, train_loss: 0.1815, step time: 1.0068
Batch 113/248, train_loss: 0.9906, step time: 1.0154
Batch 114/248, train_loss: 0.1989, step time: 1.0112
Batch 115/248, train_loss: 0.3087, step time: 1.0328
Batch 116/248, train_loss: 0.1404, step time: 1.0127
Batch 117/248, train_loss: 0.7367, step time: 1.0148
Batch 118/248, train_loss: 0.2281, step time: 1.0268
Batch 119/248, train_loss: 0.3566, step time: 1.0208
Batch 120/248, train_loss: 0.3087, step time: 1.0328
Batch 121/248, train_loss: 0.3794, step time: 1.0126
Batch 122/248, train_loss: 0.5432, step time: 1.0313
Batch 123/248, train_loss: 0.0982, step time: 1.0107
Batch 124/248, train_loss: 0.3324, step time: 1.0211
Batch 125/248, train_loss: 0.5609, step time: 1.0207
Batch 126/248, train_loss: 0.3059, step time: 1.0250
Batch 127/248, train_loss: 0.1842, step time: 1.0190
Batch 128/248, train_loss: 0.1964, step time: 1.0092
Batch 129/248, train_loss: 0.1572, step time: 1.0115
Batch 130/248, train_loss: 0.1349, step time: 1.0259
Batch 131/248, train_loss: 0.4546, step time: 1.0062
Batch 132/248, train_loss: 0.2180, step time: 1.0351
Batch 133/248, train_loss: 0.2290, step time: 1.0177
Batch 134/248, train_loss: 0.7698, step time: 1.0153
Batch 135/248, train_loss: 0.3095, step time: 1.0195
Batch 136/248, train_loss: 0.1622, step time: 1.0316
Batch 137/248, train_loss: 0.1872, step time: 1.0169
Batch 138/248, train_loss: 0.0911, step time: 1.0299
Batch 139/248, train_loss: 0.2023, step time: 1.0323
Batch 140/248, train_loss: 0.2127, step time: 1.0358
Batch 141/248, train_loss: 0.1912, step time: 1.0191
Batch 142/248, train_loss: 0.6658, step time: 1.0236
Batch 143/248, train_loss: 0.2744, step time: 1.0206
Batch 144/248, train_loss: 0.1496, step time: 1.0272
Batch 145/248, train_loss: 0.0874, step time: 1.0210
Batch 146/248, train_loss: 0.4275, step time: 1.0144
Batch 147/248, train_loss: 0.0646, step time: 1.0148
Batch 148/248, train_loss: 0.6305, step time: 1.0134
Batch 149/248, train_loss: 0.1763, step time: 1.0117
Batch 150/248, train_loss: 0.5976, step time: 1.0157
Batch 151/248, train_loss: 0.3295, step time: 1.0254
Batch 152/248, train_loss: 0.0539, step time: 1.0129
Batch 153/248, train_loss: 0.3308, step time: 1.0231
Batch 154/248, train_loss: 0.5271, step time: 1.0161
Batch 155/248, train_loss: 0.1621, step time: 1.0104
Batch 156/248, train_loss: 0.1635, step time: 1.0109
Batch 157/248, train_loss: 0.3570, step time: 1.0334
Batch 158/248, train_loss: 0.9978, step time: 1.0323
Batch 159/248, train_loss: 0.3500, step time: 1.0136
Batch 160/248, train_loss: 0.1174, step time: 1.0112
Batch 161/248, train_loss: 0.0820, step time: 1.0093
Batch 162/248, train_loss: 0.1093, step time: 1.0331
Batch 163/248, train_loss: 0.1645, step time: 1.0145
Batch 164/248, train_loss: 0.1907, step time: 1.0165

Batch 165/248, train_loss: 0.4792, step time: 1.0187
Batch 166/248, train_loss: 0.1227, step time: 1.0082
Batch 167/248, train_loss: 0.2465, step time: 1.0331
Batch 168/248, train_loss: 0.1996, step time: 1.0142
Batch 169/248, train_loss: 0.1812, step time: 1.0373
Batch 170/248, train_loss: 0.4979, step time: 1.0290
Batch 171/248, train_loss: 0.1124, step time: 1.0325
Batch 172/248, train_loss: 0.4920, step time: 1.0123
Batch 173/248, train_loss: 0.1014, step time: 1.0329
Batch 174/248, train_loss: 0.5755, step time: 1.0202
Batch 175/248, train_loss: 0.1674, step time: 1.0212
Batch 176/248, train_loss: 0.4257, step time: 1.0333
Batch 177/248, train_loss: 0.3103, step time: 1.0257
Batch 178/248, train_loss: 0.2693, step time: 1.0199
Batch 179/248, train_loss: 0.1191, step time: 1.0165
Batch 180/248, train_loss: 0.4001, step time: 1.0231
Batch 181/248, train_loss: 0.1216, step time: 1.0206
Batch 182/248, train_loss: 0.8828, step time: 1.0060
Batch 183/248, train_loss: 0.1604, step time: 1.0064
Batch 184/248, train_loss: 0.2471, step time: 1.0085
Batch 185/248, train_loss: 0.1327, step time: 1.0081
Batch 186/248, train_loss: 0.1101, step time: 1.0235
Batch 187/248, train_loss: 0.2193, step time: 1.0185
Batch 188/248, train_loss: 0.2502, step time: 1.0253
Batch 189/248, train_loss: 0.5170, step time: 1.0118
Batch 190/248, train_loss: 0.1691, step time: 1.0062
Batch 191/248, train_loss: 0.6474, step time: 1.0187
Batch 192/248, train_loss: 0.2286, step time: 1.0078
Batch 193/248, train_loss: 0.2902, step time: 1.0168
Batch 194/248, train_loss: 0.1085, step time: 1.0077
Batch 195/248, train_loss: 0.6218, step time: 1.0363
Batch 196/248, train_loss: 0.9999, step time: 1.0085
Batch 197/248, train_loss: 0.2488, step time: 1.0111
Batch 198/248, train_loss: 0.9993, step time: 1.0182
Batch 199/248, train_loss: 0.1667, step time: 1.0074
Batch 200/248, train_loss: 0.1762, step time: 1.0094
Batch 201/248, train_loss: 0.1483, step time: 1.0359
Batch 202/248, train_loss: 0.4228, step time: 1.0162
Batch 203/248, train_loss: 0.4279, step time: 1.0203
Batch 204/248, train_loss: 0.1221, step time: 1.0369
Batch 205/248, train_loss: 0.3479, step time: 1.0090
Batch 206/248, train_loss: 0.4408, step time: 1.0269
Batch 207/248, train_loss: 0.1232, step time: 1.0279
Batch 208/248, train_loss: 0.1808, step time: 1.0331
Batch 209/248, train_loss: 0.1453, step time: 1.0288
Batch 210/248, train_loss: 0.0817, step time: 1.0188
Batch 211/248, train_loss: 0.1064, step time: 1.0094
Batch 212/248, train_loss: 0.2410, step time: 1.0169
Batch 213/248, train_loss: 0.2081, step time: 1.0166
Batch 214/248, train_loss: 0.1200, step time: 1.0219
Batch 215/248, train_loss: 0.2832, step time: 1.0360
Batch 216/248, train_loss: 0.2050, step time: 1.0067
Batch 217/248, train_loss: 0.3181, step time: 1.0089
Batch 218/248, train_loss: 0.8210, step time: 1.0312
Batch 219/248, train_loss: 0.0924, step time: 1.0335
Batch 220/248, train_loss: 0.2675, step time: 1.0085
Batch 221/248, train_loss: 0.3395, step time: 1.0255
Batch 222/248, train_loss: 0.2702, step time: 1.0262
Batch 223/248, train_loss: 0.0679, step time: 1.0251
Batch 224/248, train_loss: 0.1142, step time: 1.0158
Batch 225/248, train_loss: 0.2322, step time: 1.0112
Batch 226/248, train_loss: 0.1632, step time: 1.0152
Batch 227/248, train_loss: 0.1566, step time: 1.0313
Batch 228/248, train_loss: 0.2045, step time: 1.0295
Batch 229/248, train_loss: 0.1241, step time: 1.0189
Batch 230/248, train_loss: 0.0919, step time: 1.0324
Batch 231/248, train_loss: 0.3776, step time: 1.0332
Batch 232/248, train_loss: 0.0893, step time: 1.0270
Batch 233/248, train_loss: 0.9739, step time: 1.0342
Batch 234/248, train_loss: 0.4708, step time: 1.0087
Batch 235/248, train_loss: 0.3590, step time: 1.0212
Batch 236/248, train_loss: 0.8114, step time: 1.0285
Batch 237/248, train_loss: 0.1833, step time: 1.0135
Batch 238/248, train_loss: 0.1357, step time: 1.0089
Batch 239/248, train_loss: 0.0756, step time: 1.0222
Batch 240/248, train_loss: 0.2790, step time: 1.0137
Batch 241/248, train_loss: 0.7194, step time: 1.0088
Batch 242/248, train_loss: 0.2310, step time: 1.0156
Batch 243/248, train_loss: 0.5318, step time: 1.0304
Batch 244/248, train_loss: 0.4437, step time: 1.0243
Batch 245/248, train_loss: 0.1182, step time: 1.0211
Batch 246/248, train_loss: 0.5916, step time: 1.0387
Batch 247/248, train_loss: 0.1129, step time: 1.0172
Batch 248/248, train_loss: 0.9995, step time: 1.0161

LANDS



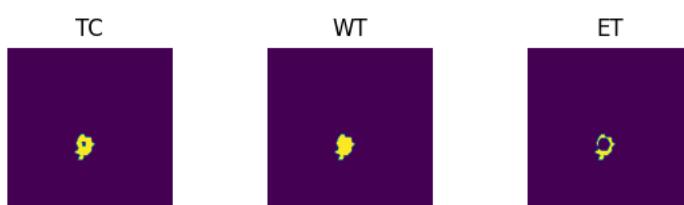
Predictions



VAL

```
Batch 1/31, val_loss: 0.7743
Batch 2/31, val_loss: 0.7854
Batch 3/31, val_loss: 0.8910
Batch 4/31, val_loss: 0.8827
Batch 5/31, val_loss: 0.8984
Batch 6/31, val_loss: 0.6266
Batch 7/31, val_loss: 0.7713
Batch 8/31, val_loss: 0.9032
Batch 9/31, val_loss: 0.6200
Batch 10/31, val_loss: 0.8595
Batch 11/31, val_loss: 0.6787
Batch 12/31, val_loss: 0.8931
Batch 13/31, val_loss: 0.8400
Batch 14/31, val_loss: 0.8693
Batch 15/31, val_loss: 0.9023
Batch 16/31, val_loss: 0.8326
Batch 17/31, val_loss: 0.8994
Batch 18/31, val_loss: 0.8601
Batch 19/31, val_loss: 0.6980
Batch 20/31, val_loss: 0.7892
Batch 21/31, val_loss: 0.8848
Batch 22/31, val_loss: 0.9199
Batch 23/31, val_loss: 0.8920
Batch 24/31, val_loss: 0.6743
Batch 25/31, val_loss: 0.6804
Batch 26/31, val_loss: 0.7705
Batch 27/31, val_loss: 0.9029
Batch 28/31, val_loss: 0.6993
Batch 29/31, val_loss: 0.9289
Batch 30/31, val_loss: 0.8944
Batch 31/31, val_loss: 0.8900
```

Labels



Predictions



epoch 56

```
average train loss: 0.3033
average validation loss: 0.8198
saved as best model: True
current mean dice: 0.5122
current TC dice: 0.5566
current WT dice: 0.5539
current ET dice: 0.4626
```

current ϵ dice: 0.4636
Best Mean Metric: 0.5122
time consuming of epoch 56 is: 1573.6946

epoch 57/100
TRAIN
Batch 1/248, train_loss: 0.0890, step time: 1.0260
Batch 2/248, train_loss: 0.7650, step time: 1.0359
Batch 3/248, train_loss: 0.3512, step time: 1.0194
Batch 4/248, train_loss: 0.9848, step time: 1.0369
Batch 5/248, train_loss: 0.2137, step time: 1.0268
Batch 6/248, train_loss: 0.3108, step time: 1.0241
Batch 7/248, train_loss: 0.0943, step time: 1.0117
Batch 8/248, train_loss: 0.6398, step time: 1.0060
Batch 9/248, train_loss: 0.0526, step time: 1.0045
Batch 10/248, train_loss: 0.2995, step time: 1.0183
Batch 11/248, train_loss: 0.2882, step time: 1.0354
Batch 12/248, train_loss: 0.4212, step time: 1.0359
Batch 13/248, train_loss: 0.3315, step time: 1.0241
Batch 14/248, train_loss: 0.0759, step time: 1.0341
Batch 15/248, train_loss: 0.4012, step time: 1.0278
Batch 16/248, train_loss: 0.2022, step time: 1.0270
Batch 17/248, train_loss: 0.2953, step time: 1.0366
Batch 18/248, train_loss: 0.3343, step time: 1.0233
Batch 19/248, train_loss: 0.1068, step time: 1.0282
Batch 20/248, train_loss: 0.2847, step time: 1.0129
Batch 21/248, train_loss: 0.0725, step time: 1.0165
Batch 22/248, train_loss: 0.5140, step time: 1.0193
Batch 23/248, train_loss: 0.5760, step time: 1.0156
Batch 24/248, train_loss: 0.1103, step time: 1.0137
Batch 25/248, train_loss: 0.0945, step time: 1.0254
Batch 26/248, train_loss: 0.4433, step time: 1.0341
Batch 27/248, train_loss: 0.0819, step time: 1.0207
Batch 28/248, train_loss: 0.1849, step time: 1.0229
Batch 29/248, train_loss: 0.4004, step time: 1.0231
Batch 30/248, train_loss: 0.2439, step time: 1.0065
Batch 31/248, train_loss: 0.4361, step time: 1.0389
Batch 32/248, train_loss: 0.1229, step time: 1.0166
Batch 33/248, train_loss: 0.0894, step time: 1.0242
Batch 34/248, train_loss: 0.0671, step time: 1.0082
Batch 35/248, train_loss: 0.0805, step time: 1.0270
Batch 36/248, train_loss: 0.4052, step time: 1.0229
Batch 37/248, train_loss: 0.2363, step time: 1.0339
Batch 38/248, train_loss: 0.3346, step time: 1.0180
Batch 39/248, train_loss: 0.2053, step time: 1.0163
Batch 40/248, train_loss: 0.9978, step time: 1.0072
Batch 41/248, train_loss: 0.1803, step time: 1.0266
Batch 42/248, train_loss: 0.1108, step time: 1.0188
Batch 43/248, train_loss: 0.0755, step time: 1.0172
Batch 44/248, train_loss: 0.1614, step time: 1.0215
Batch 45/248, train_loss: 0.5281, step time: 1.0276
Batch 46/248, train_loss: 0.1929, step time: 1.0099
Batch 47/248, train_loss: 0.1023, step time: 1.0266
Batch 48/248, train_loss: 0.2301, step time: 1.0095
Batch 49/248, train_loss: 0.4083, step time: 1.0357
Batch 50/248, train_loss: 0.2112, step time: 1.0089
Batch 51/248, train_loss: 0.1717, step time: 1.0129
Batch 52/248, train_loss: 0.1747, step time: 1.0322
Batch 53/248, train_loss: 0.4830, step time: 1.0144
Batch 54/248, train_loss: 0.3119, step time: 1.0151
Batch 55/248, train_loss: 0.2913, step time: 1.0228
Batch 56/248, train_loss: 0.2164, step time: 1.0218
Batch 57/248, train_loss: 0.3491, step time: 1.0287
Batch 58/248, train_loss: 0.0986, step time: 1.0278
Batch 59/248, train_loss: 0.1145, step time: 1.0220
Batch 60/248, train_loss: 0.0896, step time: 1.0327
Batch 61/248, train_loss: 0.1173, step time: 1.0352
Batch 62/248, train_loss: 0.2983, step time: 1.0267
Batch 63/248, train_loss: 0.4374, step time: 1.0201
Batch 64/248, train_loss: 0.4217, step time: 1.0259
Batch 65/248, train_loss: 0.3919, step time: 1.0192
Batch 66/248, train_loss: 0.1624, step time: 1.0290
Batch 67/248, train_loss: 0.1121, step time: 1.0170
Batch 68/248, train_loss: 0.1208, step time: 1.0211
Batch 69/248, train_loss: 0.4597, step time: 1.0230
Batch 70/248, train_loss: 0.1923, step time: 1.0190
Batch 71/248, train_loss: 0.1390, step time: 1.0323
Batch 72/248, train_loss: 0.0786, step time: 1.0206
Batch 73/248, train_loss: 0.1781, step time: 1.0374
Batch 74/248, train_loss: 0.9908, step time: 1.0393
Batch 75/248, train_loss: 0.1905, step time: 1.0408
Batch 76/248, train_loss: 0.5128, step time: 1.0313
Batch 77/248, train_loss: 0.7878, step time: 1.0479
Batch 78/248, train_loss: 0.1473, step time: 1.0249
Batch 79/248, train_loss: 0.1466, step time: 1.0193

Batch 80/248, train_loss: 0.2335, step time: 1.0318
Batch 81/248, train_loss: 0.2112, step time: 1.0265
Batch 82/248, train_loss: 0.1421, step time: 1.0374
Batch 83/248, train_loss: 0.6649, step time: 1.0374
Batch 84/248, train_loss: 0.2662, step time: 1.0372
Batch 85/248, train_loss: 0.4192, step time: 1.0503
Batch 86/248, train_loss: 0.2794, step time: 1.0420
Batch 87/248, train_loss: 0.5183, step time: 1.0458
Batch 88/248, train_loss: 0.3697, step time: 1.0365
Batch 89/248, train_loss: 0.0896, step time: 1.0333
Batch 90/248, train_loss: 0.1986, step time: 1.0319
Batch 91/248, train_loss: 0.3632, step time: 1.0358
Batch 92/248, train_loss: 0.3018, step time: 1.0432
Batch 93/248, train_loss: 0.1781, step time: 1.0257
Batch 94/248, train_loss: 0.3427, step time: 1.0370
Batch 95/248, train_loss: 0.1959, step time: 1.0283
Batch 96/248, train_loss: 0.2345, step time: 1.0259
Batch 97/248, train_loss: 0.5221, step time: 1.0439
Batch 98/248, train_loss: 0.1320, step time: 1.0278
Batch 99/248, train_loss: 0.3151, step time: 1.0448
Batch 100/248, train_loss: 0.4407, step time: 1.0317
Batch 101/248, train_loss: 0.0699, step time: 1.0406
Batch 102/248, train_loss: 0.1413, step time: 1.0411
Batch 103/248, train_loss: 0.3200, step time: 1.0264
Batch 104/248, train_loss: 0.3443, step time: 1.0412
Batch 105/248, train_loss: 0.0893, step time: 1.0422
Batch 106/248, train_loss: 0.1527, step time: 1.0197
Batch 107/248, train_loss: 0.3133, step time: 1.0258
Batch 108/248, train_loss: 0.5495, step time: 1.0473
Batch 109/248, train_loss: 0.3251, step time: 1.0303
Batch 110/248, train_loss: 0.4679, step time: 1.0496
Batch 111/248, train_loss: 0.1117, step time: 1.0376
Batch 112/248, train_loss: 0.1762, step time: 1.0463
Batch 113/248, train_loss: 0.9945, step time: 1.0482
Batch 114/248, train_loss: 0.1776, step time: 1.0451
Batch 115/248, train_loss: 0.1543, step time: 1.0396
Batch 116/248, train_loss: 0.0878, step time: 1.0203
Batch 117/248, train_loss: 0.7341, step time: 1.0424
Batch 118/248, train_loss: 0.5031, step time: 1.0482
Batch 119/248, train_loss: 0.3093, step time: 1.0353
Batch 120/248, train_loss: 0.2715, step time: 1.0233
Batch 121/248, train_loss: 0.3772, step time: 1.0455
Batch 122/248, train_loss: 0.4590, step time: 1.0385
Batch 123/248, train_loss: 0.0805, step time: 1.0370
Batch 124/248, train_loss: 0.3072, step time: 1.0410
Batch 125/248, train_loss: 0.4909, step time: 1.0302
Batch 126/248, train_loss: 0.2414, step time: 1.0419
Batch 127/248, train_loss: 0.1708, step time: 1.0333
Batch 128/248, train_loss: 0.2069, step time: 1.0263
Batch 129/248, train_loss: 0.1360, step time: 1.0403
Batch 130/248, train_loss: 0.1307, step time: 1.0269
Batch 131/248, train_loss: 0.4266, step time: 1.0288
Batch 132/248, train_loss: 0.2181, step time: 1.0424
Batch 133/248, train_loss: 0.1574, step time: 1.0444
Batch 134/248, train_loss: 0.6945, step time: 1.0191
Batch 135/248, train_loss: 0.2277, step time: 1.0246
Batch 136/248, train_loss: 0.1377, step time: 1.0212
Batch 137/248, train_loss: 0.1303, step time: 1.0462
Batch 138/248, train_loss: 0.0815, step time: 1.0188
Batch 139/248, train_loss: 0.1955, step time: 1.0224
Batch 140/248, train_loss: 0.1925, step time: 1.0407
Batch 141/248, train_loss: 0.1998, step time: 1.0389
Batch 142/248, train_loss: 0.7898, step time: 1.0481
Batch 143/248, train_loss: 0.2572, step time: 1.0186
Batch 144/248, train_loss: 0.1524, step time: 1.0470
Batch 145/248, train_loss: 0.0757, step time: 1.0399
Batch 146/248, train_loss: 0.4605, step time: 1.0228
Batch 147/248, train_loss: 0.0586, step time: 1.0300
Batch 148/248, train_loss: 0.8102, step time: 1.0337
Batch 149/248, train_loss: 0.1766, step time: 1.0412
Batch 150/248, train_loss: 0.5773, step time: 1.0293
Batch 151/248, train_loss: 0.3096, step time: 1.0252
Batch 152/248, train_loss: 0.0596, step time: 1.0295
Batch 153/248, train_loss: 0.2365, step time: 1.0514
Batch 154/248, train_loss: 0.5385, step time: 1.0336
Batch 155/248, train_loss: 0.1416, step time: 1.0262
Batch 156/248, train_loss: 0.1766, step time: 1.0481
Batch 157/248, train_loss: 0.3681, step time: 1.0354
Batch 158/248, train_loss: 0.9996, step time: 1.0244
Batch 159/248, train_loss: 0.4212, step time: 1.0351
Batch 160/248, train_loss: 0.1033, step time: 1.0320
Batch 161/248, train_loss: 0.0718, step time: 1.0175
Batch 162/248, train_loss: 0.1180, step time: 1.0240
Batch 163/248, train_loss: 0.1519, step time: 1.0514
Batch 164/248, train_loss: 0.1991, step time: 1.0288

Batch 165/248, train_loss: 0.4638, step time: 1.0314
Batch 166/248, train_loss: 0.1292, step time: 1.0288
Batch 167/248, train_loss: 0.2410, step time: 1.0332
Batch 168/248, train_loss: 0.2073, step time: 1.0297
Batch 169/248, train_loss: 0.1572, step time: 1.0285
Batch 170/248, train_loss: 0.6007, step time: 1.0234
Batch 171/248, train_loss: 0.1284, step time: 1.0282
Batch 172/248, train_loss: 0.4893, step time: 1.0365
Batch 173/248, train_loss: 0.0977, step time: 1.0442
Batch 174/248, train_loss: 0.9915, step time: 1.0448
Batch 175/248, train_loss: 0.2157, step time: 1.0236
Batch 176/248, train_loss: 0.4093, step time: 1.0280
Batch 177/248, train_loss: 0.3091, step time: 1.0374
Batch 178/248, train_loss: 0.1893, step time: 1.0430
Batch 179/248, train_loss: 0.1253, step time: 1.0419
Batch 180/248, train_loss: 0.4741, step time: 1.0462
Batch 181/248, train_loss: 0.1270, step time: 1.0233
Batch 182/248, train_loss: 0.8895, step time: 1.0232
Batch 183/248, train_loss: 0.1575, step time: 1.0383
Batch 184/248, train_loss: 0.2445, step time: 1.0263
Batch 185/248, train_loss: 0.1330, step time: 1.0201
Batch 186/248, train_loss: 0.1174, step time: 1.0398
Batch 187/248, train_loss: 0.2353, step time: 1.0215
Batch 188/248, train_loss: 0.2436, step time: 1.0337
Batch 189/248, train_loss: 0.4940, step time: 1.0225
Batch 190/248, train_loss: 0.1722, step time: 1.0318
Batch 191/248, train_loss: 0.6450, step time: 1.0367
Batch 192/248, train_loss: 0.2348, step time: 1.0226
Batch 193/248, train_loss: 0.2796, step time: 1.0345
Batch 194/248, train_loss: 0.1049, step time: 1.0392
Batch 195/248, train_loss: 0.6015, step time: 1.0372
Batch 196/248, train_loss: 0.9999, step time: 1.0274
Batch 197/248, train_loss: 0.2422, step time: 1.0208
Batch 198/248, train_loss: 0.9996, step time: 1.0170
Batch 199/248, train_loss: 0.1542, step time: 1.0471
Batch 200/248, train_loss: 0.1823, step time: 1.0219
Batch 201/248, train_loss: 0.1487, step time: 1.0413
Batch 202/248, train_loss: 0.4438, step time: 1.0262
Batch 203/248, train_loss: 0.4338, step time: 1.0184
Batch 204/248, train_loss: 0.1192, step time: 1.0465
Batch 205/248, train_loss: 0.3345, step time: 1.0376
Batch 206/248, train_loss: 0.4413, step time: 1.0548
Batch 207/248, train_loss: 0.1030, step time: 1.0401
Batch 208/248, train_loss: 0.1796, step time: 1.0482
Batch 209/248, train_loss: 0.1481, step time: 1.0255
Batch 210/248, train_loss: 0.0850, step time: 1.0303
Batch 211/248, train_loss: 0.0970, step time: 1.0387
Batch 212/248, train_loss: 0.2984, step time: 1.0367
Batch 213/248, train_loss: 0.2223, step time: 1.0446
Batch 214/248, train_loss: 0.1162, step time: 1.0338
Batch 215/248, train_loss: 0.2686, step time: 1.0387
Batch 216/248, train_loss: 0.2319, step time: 1.0275
Batch 217/248, train_loss: 0.3115, step time: 1.0482
Batch 218/248, train_loss: 0.7753, step time: 1.0303
Batch 219/248, train_loss: 0.0860, step time: 1.0382
Batch 220/248, train_loss: 0.3298, step time: 1.0541
Batch 221/248, train_loss: 0.3041, step time: 1.0372
Batch 222/248, train_loss: 0.2417, step time: 1.0393
Batch 223/248, train_loss: 0.0651, step time: 1.0377
Batch 224/248, train_loss: 0.1180, step time: 1.0202
Batch 225/248, train_loss: 0.2812, step time: 1.0352
Batch 226/248, train_loss: 0.1460, step time: 1.0453
Batch 227/248, train_loss: 0.1491, step time: 1.0259
Batch 228/248, train_loss: 0.1823, step time: 1.0313
Batch 229/248, train_loss: 0.1407, step time: 1.0242
Batch 230/248, train_loss: 0.0923, step time: 1.0375
Batch 231/248, train_loss: 0.3678, step time: 1.0298
Batch 232/248, train_loss: 0.0904, step time: 1.0337
Batch 233/248, train_loss: 0.9719, step time: 1.0195
Batch 234/248, train_loss: 0.4767, step time: 1.0337
Batch 235/248, train_loss: 0.3420, step time: 1.0486
Batch 236/248, train_loss: 0.8267, step time: 1.0361
Batch 237/248, train_loss: 0.1828, step time: 1.0290
Batch 238/248, train_loss: 0.1119, step time: 1.0407
Batch 239/248, train_loss: 0.0851, step time: 1.0338
Batch 240/248, train_loss: 0.4140, step time: 1.0279
Batch 241/248, train_loss: 0.7257, step time: 1.0240
Batch 242/248, train_loss: 0.2068, step time: 1.0455
Batch 243/248, train_loss: 0.5315, step time: 1.0278
Batch 244/248, train_loss: 0.4768, step time: 1.0478
Batch 245/248, train_loss: 0.1226, step time: 1.0476
Batch 246/248, train_loss: 0.5995, step time: 1.0459
Batch 247/248, train_loss: 0.0944, step time: 1.0416
Batch 248/248, train_loss: 0.9998, step time: 1.0170

Labels

TC



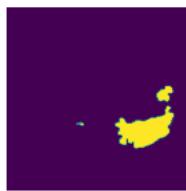
WT



ET



Predictions



VAL

```
Batch 1/31, val_loss: 0.7980
Batch 2/31, val_loss: 0.8533
Batch 3/31, val_loss: 0.8973
Batch 4/31, val_loss: 0.8825
Batch 5/31, val_loss: 0.8992
Batch 6/31, val_loss: 0.6347
Batch 7/31, val_loss: 0.7741
Batch 8/31, val_loss: 0.9179
Batch 9/31, val_loss: 0.6299
Batch 10/31, val_loss: 0.8605
Batch 11/31, val_loss: 0.7197
Batch 12/31, val_loss: 0.8954
Batch 13/31, val_loss: 0.8777
Batch 14/31, val_loss: 0.8779
Batch 15/31, val_loss: 0.9007
Batch 16/31, val_loss: 0.8696
Batch 17/31, val_loss: 0.9020
Batch 18/31, val_loss: 0.8718
Batch 19/31, val_loss: 0.7070
Batch 20/31, val_loss: 0.8063
Batch 21/31, val_loss: 0.8844
Batch 22/31, val_loss: 0.9239
Batch 23/31, val_loss: 0.8990
Batch 24/31, val_loss: 0.6684
Batch 25/31, val_loss: 0.7198
Batch 26/31, val_loss: 0.8166
Batch 27/31, val_loss: 0.9118
Batch 28/31, val_loss: 0.6916
Batch 29/31, val_loss: 0.9313
Batch 30/31, val_loss: 0.8972
Batch 31/31, val_loss: 0.8960
```

Labels

TC



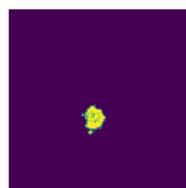
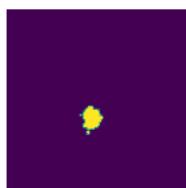
WT



ET



Predictions



epoch 57

```
average train loss: 0.3019
average validation loss: 0.8328
saved as best model: False
current mean dice: 0.5032
current TC dice: 0.5465
current WT dice: 0.5443
```

current ET dice: 0.4530
Best Mean Metric: 0.5122
time consuming of epoch 57 is: 1597.5667

epoch 58/100
TRAIN
Batch 1/248, train_loss: 0.0890, step time: 1.0245
Batch 2/248, train_loss: 0.7465, step time: 1.0427
Batch 3/248, train_loss: 0.3932, step time: 1.0245
Batch 4/248, train_loss: 0.9944, step time: 1.0282
Batch 5/248, train_loss: 0.2319, step time: 1.0436
Batch 6/248, train_loss: 0.2377, step time: 1.0377
Batch 7/248, train_loss: 0.0853, step time: 1.0192
Batch 8/248, train_loss: 0.6442, step time: 1.0513
Batch 9/248, train_loss: 0.0539, step time: 1.0267
Batch 10/248, train_loss: 0.3029, step time: 1.0313
Batch 11/248, train_loss: 0.2522, step time: 1.0256
Batch 12/248, train_loss: 0.4100, step time: 1.0422
Batch 13/248, train_loss: 0.3030, step time: 1.0264
Batch 14/248, train_loss: 0.0667, step time: 1.0365
Batch 15/248, train_loss: 0.4133, step time: 1.0209
Batch 16/248, train_loss: 0.1930, step time: 1.0434
Batch 17/248, train_loss: 0.2853, step time: 1.0290
Batch 18/248, train_loss: 0.4085, step time: 1.0178
Batch 19/248, train_loss: 0.1164, step time: 1.0169
Batch 20/248, train_loss: 0.2557, step time: 1.0245
Batch 21/248, train_loss: 0.0637, step time: 1.0264
Batch 22/248, train_loss: 0.7252, step time: 1.0274
Batch 23/248, train_loss: 0.3663, step time: 1.0471
Batch 24/248, train_loss: 0.1057, step time: 1.0226
Batch 25/248, train_loss: 0.1040, step time: 1.0434
Batch 26/248, train_loss: 0.4282, step time: 1.0425
Batch 27/248, train_loss: 0.1071, step time: 1.0281
Batch 28/248, train_loss: 0.2088, step time: 1.0334
Batch 29/248, train_loss: 0.3905, step time: 1.0501
Batch 30/248, train_loss: 0.5751, step time: 1.0458
Batch 31/248, train_loss: 0.6779, step time: 1.0548
Batch 32/248, train_loss: 0.1114, step time: 1.0238
Batch 33/248, train_loss: 0.1235, step time: 1.0408
Batch 34/248, train_loss: 0.0585, step time: 1.0230
Batch 35/248, train_loss: 0.0730, step time: 1.0439
Batch 36/248, train_loss: 0.6771, step time: 1.0219
Batch 37/248, train_loss: 0.2062, step time: 1.0175
Batch 38/248, train_loss: 0.3342, step time: 1.0362
Batch 39/248, train_loss: 0.2151, step time: 1.0374
Batch 40/248, train_loss: 0.9568, step time: 1.0211
Batch 41/248, train_loss: 0.1915, step time: 1.0370
Batch 42/248, train_loss: 0.1229, step time: 1.0257
Batch 43/248, train_loss: 0.0908, step time: 1.0304
Batch 44/248, train_loss: 0.2679, step time: 1.0482
Batch 45/248, train_loss: 0.6111, step time: 1.0454
Batch 46/248, train_loss: 0.2116, step time: 1.0278
Batch 47/248, train_loss: 0.1569, step time: 1.0285
Batch 48/248, train_loss: 0.2952, step time: 1.0471
Batch 49/248, train_loss: 0.5889, step time: 1.0437
Batch 50/248, train_loss: 0.2517, step time: 1.0303
Batch 51/248, train_loss: 0.2360, step time: 1.0360
Batch 52/248, train_loss: 0.1983, step time: 1.0341
Batch 53/248, train_loss: 0.4324, step time: 1.0568
Batch 54/248, train_loss: 0.3074, step time: 1.0366
Batch 55/248, train_loss: 0.3015, step time: 1.0334
Batch 56/248, train_loss: 0.2477, step time: 1.0211
Batch 57/248, train_loss: 0.3731, step time: 1.0273
Batch 58/248, train_loss: 0.1017, step time: 1.0380
Batch 59/248, train_loss: 0.1417, step time: 1.0353
Batch 60/248, train_loss: 0.1080, step time: 1.0284
Batch 61/248, train_loss: 0.1289, step time: 1.0261
Batch 62/248, train_loss: 0.3048, step time: 1.0362
Batch 63/248, train_loss: 0.4566, step time: 1.0354
Batch 64/248, train_loss: 0.4366, step time: 1.0502
Batch 65/248, train_loss: 0.4625, step time: 1.0335
Batch 66/248, train_loss: 0.2190, step time: 1.0300
Batch 67/248, train_loss: 0.1157, step time: 1.0221
Batch 68/248, train_loss: 0.1326, step time: 1.0396
Batch 69/248, train_loss: 0.4238, step time: 1.0461
Batch 70/248, train_loss: 0.1947, step time: 1.0454
Batch 71/248, train_loss: 0.1483, step time: 1.0349
Batch 72/248, train_loss: 0.0710, step time: 1.0274
Batch 73/248, train_loss: 0.2442, step time: 1.0321
Batch 74/248, train_loss: 0.9931, step time: 1.0372
Batch 75/248, train_loss: 0.1937, step time: 1.0292
Batch 76/248, train_loss: 0.5535, step time: 1.0247
Batch 77/248, train_loss: 0.9360, step time: 1.0371
Batch 78/248, train_loss: 0.1875, step time: 1.0298
Batch 79/248, train_loss: 0.2003, step time: 1.0277

Batch 80/248, train_loss: 0.2191, step time: 1.0252
Batch 81/248, train_loss: 0.3577, step time: 1.0510
Batch 82/248, train_loss: 0.1495, step time: 1.0233
Batch 83/248, train_loss: 0.6335, step time: 1.0447
Batch 84/248, train_loss: 0.3296, step time: 1.0278
Batch 85/248, train_loss: 0.4197, step time: 1.0244
Batch 86/248, train_loss: 0.2520, step time: 1.0377
Batch 87/248, train_loss: 0.5598, step time: 1.0298
Batch 88/248, train_loss: 0.6184, step time: 1.0200
Batch 89/248, train_loss: 0.1001, step time: 1.0311
Batch 90/248, train_loss: 0.2258, step time: 1.0356
Batch 91/248, train_loss: 0.3946, step time: 1.0353
Batch 92/248, train_loss: 0.3605, step time: 1.0219
Batch 93/248, train_loss: 0.1747, step time: 1.0296
Batch 94/248, train_loss: 0.3001, step time: 1.0495
Batch 95/248, train_loss: 0.2014, step time: 1.0325
Batch 96/248, train_loss: 0.2462, step time: 1.0331
Batch 97/248, train_loss: 0.4267, step time: 1.0251
Batch 98/248, train_loss: 0.1280, step time: 1.0417
Batch 99/248, train_loss: 0.3870, step time: 1.0388
Batch 100/248, train_loss: 0.3606, step time: 1.0402
Batch 101/248, train_loss: 0.0673, step time: 1.0467
Batch 102/248, train_loss: 0.1471, step time: 1.0327
Batch 103/248, train_loss: 0.3455, step time: 1.0330
Batch 104/248, train_loss: 0.3635, step time: 1.0322
Batch 105/248, train_loss: 0.0890, step time: 1.0404
Batch 106/248, train_loss: 0.1620, step time: 1.0251
Batch 107/248, train_loss: 0.2688, step time: 1.0247
Batch 108/248, train_loss: 0.6052, step time: 1.0340
Batch 109/248, train_loss: 0.6103, step time: 1.0389
Batch 110/248, train_loss: 0.3303, step time: 1.0564
Batch 111/248, train_loss: 0.1205, step time: 1.0397
Batch 112/248, train_loss: 0.1683, step time: 1.0340
Batch 113/248, train_loss: 0.9288, step time: 1.0326
Batch 114/248, train_loss: 0.1781, step time: 1.0276
Batch 115/248, train_loss: 0.1667, step time: 1.0273
Batch 116/248, train_loss: 0.0976, step time: 1.0267
Batch 117/248, train_loss: 0.7424, step time: 1.0335
Batch 118/248, train_loss: 0.2401, step time: 1.0322
Batch 119/248, train_loss: 0.3350, step time: 1.0479
Batch 120/248, train_loss: 0.2548, step time: 1.0511
Batch 121/248, train_loss: 0.3729, step time: 1.0347
Batch 122/248, train_loss: 0.4182, step time: 1.0358
Batch 123/248, train_loss: 0.0821, step time: 1.0225
Batch 124/248, train_loss: 0.2847, step time: 1.0321
Batch 125/248, train_loss: 0.5278, step time: 1.0202
Batch 126/248, train_loss: 0.2513, step time: 1.0313
Batch 127/248, train_loss: 0.1594, step time: 1.0274
Batch 128/248, train_loss: 0.3315, step time: 1.0515
Batch 129/248, train_loss: 0.1348, step time: 1.0341
Batch 130/248, train_loss: 0.1243, step time: 1.0392
Batch 131/248, train_loss: 0.4914, step time: 1.0552
Batch 132/248, train_loss: 0.2583, step time: 1.0242
Batch 133/248, train_loss: 0.1750, step time: 1.0324
Batch 134/248, train_loss: 0.5541, step time: 1.0438
Batch 135/248, train_loss: 0.3495, step time: 1.0353
Batch 136/248, train_loss: 0.1405, step time: 1.0388
Batch 137/248, train_loss: 0.1585, step time: 1.0426
Batch 138/248, train_loss: 0.0830, step time: 1.0413
Batch 139/248, train_loss: 0.1575, step time: 1.0506
Batch 140/248, train_loss: 0.2014, step time: 1.0311
Batch 141/248, train_loss: 0.1925, step time: 1.0220
Batch 142/248, train_loss: 0.7056, step time: 1.0374
Batch 143/248, train_loss: 0.3269, step time: 1.0522
Batch 144/248, train_loss: 0.1504, step time: 1.0255
Batch 145/248, train_loss: 0.0710, step time: 1.0431
Batch 146/248, train_loss: 0.3843, step time: 1.0397
Batch 147/248, train_loss: 0.0596, step time: 1.0242
Batch 148/248, train_loss: 0.5361, step time: 1.0417
Batch 149/248, train_loss: 0.1859, step time: 1.0304
Batch 150/248, train_loss: 0.6325, step time: 1.0404
Batch 151/248, train_loss: 0.4093, step time: 1.0320
Batch 152/248, train_loss: 0.0544, step time: 1.0218
Batch 153/248, train_loss: 0.1983, step time: 1.0448
Batch 154/248, train_loss: 0.5723, step time: 1.0272
Batch 155/248, train_loss: 0.1429, step time: 1.0372
Batch 156/248, train_loss: 0.2047, step time: 1.0369
Batch 157/248, train_loss: 0.3588, step time: 1.0368
Batch 158/248, train_loss: 0.9967, step time: 1.0295
Batch 159/248, train_loss: 0.4118, step time: 1.0271
Batch 160/248, train_loss: 0.1131, step time: 1.0449
Batch 161/248, train_loss: 0.1076, step time: 1.0477
Batch 162/248, train_loss: 0.0932, step time: 1.0356
Batch 163/248, train_loss: 0.1740, step time: 1.0479
Batch 164/248, train_loss: 0.1727, step time: 1.0215

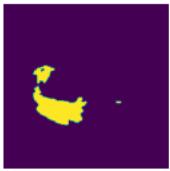
Batch 104/248, train_loss: 0.1757, step time: 1.0249
Batch 165/248, train_loss: 0.4477, step time: 1.0420
Batch 166/248, train_loss: 0.1059, step time: 1.0290
Batch 167/248, train_loss: 0.2367, step time: 1.0336
Batch 168/248, train_loss: 0.2012, step time: 1.0338
Batch 169/248, train_loss: 0.1668, step time: 1.0446
Batch 170/248, train_loss: 0.5460, step time: 1.0289
Batch 171/248, train_loss: 0.0963, step time: 1.0516
Batch 172/248, train_loss: 0.6121, step time: 1.0478
Batch 173/248, train_loss: 0.1043, step time: 1.0484
Batch 174/248, train_loss: 0.9333, step time: 1.0349
Batch 175/248, train_loss: 0.1737, step time: 1.0277
Batch 176/248, train_loss: 0.4186, step time: 1.0242
Batch 177/248, train_loss: 0.2813, step time: 1.0469
Batch 178/248, train_loss: 0.2019, step time: 1.0404
Batch 179/248, train_loss: 0.1198, step time: 1.0216
Batch 180/248, train_loss: 0.3930, step time: 1.0213
Batch 181/248, train_loss: 0.1224, step time: 1.0369
Batch 182/248, train_loss: 0.8975, step time: 1.0247
Batch 183/248, train_loss: 0.1511, step time: 1.0296
Batch 184/248, train_loss: 0.2109, step time: 1.0406
Batch 185/248, train_loss: 0.1292, step time: 1.0373
Batch 186/248, train_loss: 0.1056, step time: 1.0400
Batch 187/248, train_loss: 0.2125, step time: 1.0302
Batch 188/248, train_loss: 0.2266, step time: 1.0464
Batch 189/248, train_loss: 0.6148, step time: 1.0260
Batch 190/248, train_loss: 0.1787, step time: 1.0305
Batch 191/248, train_loss: 0.6528, step time: 1.0257
Batch 192/248, train_loss: 0.2046, step time: 1.0419
Batch 193/248, train_loss: 0.2999, step time: 1.0360
Batch 194/248, train_loss: 0.1079, step time: 1.0265
Batch 195/248, train_loss: 0.6312, step time: 1.0264
Batch 196/248, train_loss: 1.0000, step time: 1.0434
Batch 197/248, train_loss: 0.2594, step time: 1.0504
Batch 198/248, train_loss: 0.9984, step time: 1.0289
Batch 199/248, train_loss: 0.1776, step time: 1.0333
Batch 200/248, train_loss: 0.1837, step time: 1.0513
Batch 201/248, train_loss: 0.1464, step time: 1.0349
Batch 202/248, train_loss: 0.4898, step time: 1.0215
Batch 203/248, train_loss: 0.4979, step time: 1.0206
Batch 204/248, train_loss: 0.1326, step time: 1.0310
Batch 205/248, train_loss: 0.3532, step time: 1.0485
Batch 206/248, train_loss: 0.3572, step time: 1.0238
Batch 207/248, train_loss: 0.1032, step time: 1.0333
Batch 208/248, train_loss: 0.1810, step time: 1.0257
Batch 209/248, train_loss: 0.1445, step time: 1.0285
Batch 210/248, train_loss: 0.0816, step time: 1.0436
Batch 211/248, train_loss: 0.0970, step time: 1.0349
Batch 212/248, train_loss: 0.2683, step time: 1.0316
Batch 213/248, train_loss: 0.2038, step time: 1.0312
Batch 214/248, train_loss: 0.1131, step time: 1.0469
Batch 215/248, train_loss: 0.3256, step time: 1.0359
Batch 216/248, train_loss: 0.2503, step time: 1.0391
Batch 217/248, train_loss: 0.3109, step time: 1.0272
Batch 218/248, train_loss: 0.7882, step time: 1.0340
Batch 219/248, train_loss: 0.0853, step time: 1.0374
Batch 220/248, train_loss: 0.2820, step time: 1.0476
Batch 221/248, train_loss: 0.2992, step time: 1.0510
Batch 222/248, train_loss: 0.2691, step time: 1.0247
Batch 223/248, train_loss: 0.0651, step time: 1.0420
Batch 224/248, train_loss: 0.1098, step time: 1.0156
Batch 225/248, train_loss: 0.2124, step time: 1.0311
Batch 226/248, train_loss: 0.1587, step time: 1.0385
Batch 227/248, train_loss: 0.1492, step time: 1.0450
Batch 228/248, train_loss: 0.1737, step time: 1.0436
Batch 229/248, train_loss: 0.1287, step time: 1.0244
Batch 230/248, train_loss: 0.0852, step time: 1.0230
Batch 231/248, train_loss: 0.3502, step time: 1.0262
Batch 232/248, train_loss: 0.0919, step time: 1.0429
Batch 233/248, train_loss: 0.9656, step time: 1.0297
Batch 234/248, train_loss: 0.5048, step time: 1.0367
Batch 235/248, train_loss: 0.3620, step time: 1.0378
Batch 236/248, train_loss: 0.8159, step time: 1.0521
Batch 237/248, train_loss: 0.1793, step time: 1.0329
Batch 238/248, train_loss: 0.1140, step time: 1.0426
Batch 239/248, train_loss: 0.0801, step time: 1.0264
Batch 240/248, train_loss: 0.3635, step time: 1.0331
Batch 241/248, train_loss: 0.8847, step time: 1.0440
Batch 242/248, train_loss: 0.2163, step time: 1.0279
Batch 243/248, train_loss: 0.5601, step time: 1.0531
Batch 244/248, train_loss: 0.4880, step time: 1.0321
Batch 245/248, train_loss: 0.1153, step time: 1.0225
Batch 246/248, train_loss: 0.6198, step time: 1.0385
Batch 247/248, train_loss: 0.0937, step time: 1.0426
Batch 248/248, train_loss: 0.9992, step time: 1.0256

Labels

TC



WT



ET



Predictions



VAL

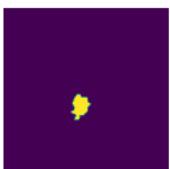
```
Batch 1/31, val_loss: 0.8147
Batch 2/31, val_loss: 0.9208
Batch 3/31, val_loss: 0.9062
Batch 4/31, val_loss: 0.8972
Batch 5/31, val_loss: 0.9164
Batch 6/31, val_loss: 0.6339
Batch 7/31, val_loss: 0.7823
Batch 8/31, val_loss: 0.9133
Batch 9/31, val_loss: 0.6332
Batch 10/31, val_loss: 0.8644
Batch 11/31, val_loss: 0.7556
Batch 12/31, val_loss: 0.9054
Batch 13/31, val_loss: 0.9048
Batch 14/31, val_loss: 0.8796
Batch 15/31, val_loss: 0.9267
Batch 16/31, val_loss: 0.9062
Batch 17/31, val_loss: 0.9078
Batch 18/31, val_loss: 0.8780
Batch 19/31, val_loss: 0.7094
Batch 20/31, val_loss: 0.8093
Batch 21/31, val_loss: 0.8872
Batch 22/31, val_loss: 0.9251
Batch 23/31, val_loss: 0.9136
Batch 24/31, val_loss: 0.6874
Batch 25/31, val_loss: 0.7492
Batch 26/31, val_loss: 0.8608
Batch 27/31, val_loss: 0.9231
Batch 28/31, val_loss: 0.6981
Batch 29/31, val_loss: 0.9411
Batch 30/31, val_loss: 0.8956
Batch 31/31, val_loss: 0.9073
```

Labels

TC



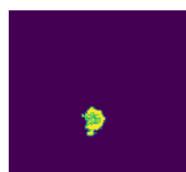
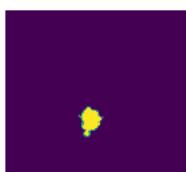
WT



ET



Predictions



epoch 58

```
average train loss: 0.3116
average validation loss: 0.8469
saved as best model: False
current mean dice: 0.5035
current TC dice: 0.5397
current WT dice: 0.5406
```

```
-----  
current ET dice: 0.4736  
Best Mean Metric: 0.5122  
time consuming of epoch 58 is: 1613.9302  
-----  
epoch 59/100  
TRAIN  
Batch 1/248, train_loss: 0.0906, step time: 1.0523  
Batch 2/248, train_loss: 0.7838, step time: 1.0308  
Batch 3/248, train_loss: 0.3793, step time: 1.0390  
Batch 4/248, train_loss: 0.9972, step time: 1.0284  
Batch 5/248, train_loss: 0.2437, step time: 1.0407  
Batch 6/248, train_loss: 0.2842, step time: 1.0263  
Batch 7/248, train_loss: 0.0801, step time: 1.0243  
Batch 8/248, train_loss: 0.7318, step time: 1.0496  
Batch 9/248, train_loss: 0.0529, step time: 1.0353  
Batch 10/248, train_loss: 0.3050, step time: 1.0236  
Batch 11/248, train_loss: 0.2444, step time: 1.0392  
Batch 12/248, train_loss: 0.3644, step time: 1.0440  
Batch 13/248, train_loss: 0.3220, step time: 1.0439  
Batch 14/248, train_loss: 0.0706, step time: 1.0252  
Batch 15/248, train_loss: 0.4114, step time: 1.0308  
Batch 16/248, train_loss: 0.1874, step time: 1.0326  
Batch 17/248, train_loss: 0.2896, step time: 1.0294  
Batch 18/248, train_loss: 0.3251, step time: 1.0420  
Batch 19/248, train_loss: 0.1221, step time: 1.0277  
Batch 20/248, train_loss: 0.2391, step time: 1.0193  
Batch 21/248, train_loss: 0.0645, step time: 1.0411  
Batch 22/248, train_loss: 0.4729, step time: 1.0307  
Batch 23/248, train_loss: 0.3503, step time: 1.0329  
Batch 24/248, train_loss: 0.1095, step time: 1.0447  
Batch 25/248, train_loss: 0.1048, step time: 1.0451  
Batch 26/248, train_loss: 0.4378, step time: 1.0391  
Batch 27/248, train_loss: 0.0793, step time: 1.0371  
Batch 28/248, train_loss: 0.2256, step time: 1.0484  
Batch 29/248, train_loss: 0.3750, step time: 1.0351  
Batch 30/248, train_loss: 0.2229, step time: 1.0460  
Batch 31/248, train_loss: 0.3384, step time: 1.0310  
Batch 32/248, train_loss: 0.1248, step time: 1.0365  
Batch 33/248, train_loss: 0.0939, step time: 1.0286  
Batch 34/248, train_loss: 0.0559, step time: 1.0361  
Batch 35/248, train_loss: 0.0673, step time: 1.0312  
Batch 36/248, train_loss: 0.3963, step time: 1.0381  
Batch 37/248, train_loss: 0.2319, step time: 1.0215  
Batch 38/248, train_loss: 0.3306, step time: 1.0510  
Batch 39/248, train_loss: 0.5375, step time: 1.0384  
Batch 40/248, train_loss: 0.9955, step time: 1.1854  
Batch 41/248, train_loss: 0.2819, step time: 1.0544  
Batch 42/248, train_loss: 0.1037, step time: 1.0295  
Batch 43/248, train_loss: 0.0713, step time: 1.0258  
Batch 44/248, train_loss: 0.1703, step time: 1.0340  
Batch 45/248, train_loss: 0.5961, step time: 1.0273  
Batch 46/248, train_loss: 0.1996, step time: 1.0273  
Batch 47/248, train_loss: 0.0900, step time: 1.0353  
Batch 48/248, train_loss: 0.2516, step time: 1.0332  
Batch 49/248, train_loss: 0.4517, step time: 1.0368  
Batch 50/248, train_loss: 0.2048, step time: 1.0356  
Batch 51/248, train_loss: 0.1895, step time: 1.0304  
Batch 52/248, train_loss: 0.1767, step time: 1.0490  
Batch 53/248, train_loss: 0.4519, step time: 1.0511  
Batch 54/248, train_loss: 0.3156, step time: 1.0487  
Batch 55/248, train_loss: 0.3114, step time: 1.0399  
Batch 56/248, train_loss: 0.2204, step time: 1.0292  
Batch 57/248, train_loss: 0.3531, step time: 1.0286  
Batch 58/248, train_loss: 0.1124, step time: 1.0356  
Batch 59/248, train_loss: 0.1222, step time: 1.0454  
Batch 60/248, train_loss: 0.0886, step time: 1.0256  
Batch 61/248, train_loss: 0.1231, step time: 1.0490  
Batch 62/248, train_loss: 0.2875, step time: 1.0176  
Batch 63/248, train_loss: 0.4374, step time: 1.0353  
Batch 64/248, train_loss: 0.4217, step time: 1.0494  
Batch 65/248, train_loss: 0.3230, step time: 1.0278  
Batch 66/248, train_loss: 0.1830, step time: 1.0523  
Batch 67/248, train_loss: 0.1091, step time: 1.0466  
Batch 68/248, train_loss: 0.1399, step time: 1.0513  
Batch 69/248, train_loss: 0.4175, step time: 1.0418  
Batch 70/248, train_loss: 0.1896, step time: 1.0315  
Batch 71/248, train_loss: 0.1479, step time: 1.0414  
Batch 72/248, train_loss: 0.0660, step time: 1.0412  
Batch 73/248, train_loss: 0.1282, step time: 1.0180  
Batch 74/248, train_loss: 0.9946, step time: 1.0268  
Batch 75/248, train_loss: 0.1840, step time: 1.0448  
Batch 76/248, train_loss: 0.4988, step time: 1.0377  
Batch 77/248, train_loss: 0.7639, step time: 1.0217  
Batch 78/248, train_loss: 0.1421, step time: 1.0361  
Batch 79/248, train_loss: 0.1254, step time: 1.0227
```

Batch 79/248, train_loss: 0.1554, step time: 1.0521
Batch 80/248, train_loss: 0.2067, step time: 1.0391
Batch 81/248, train_loss: 0.2221, step time: 1.0489
Batch 82/248, train_loss: 0.1406, step time: 1.0207
Batch 83/248, train_loss: 0.6163, step time: 1.0204
Batch 84/248, train_loss: 0.2671, step time: 1.0219
Batch 85/248, train_loss: 0.4098, step time: 1.0342
Batch 86/248, train_loss: 0.2588, step time: 1.0386
Batch 87/248, train_loss: 0.5095, step time: 1.0335
Batch 88/248, train_loss: 0.3712, step time: 1.0357
Batch 89/248, train_loss: 0.0946, step time: 1.0282
Batch 90/248, train_loss: 0.2037, step time: 1.0337
Batch 91/248, train_loss: 0.3904, step time: 1.0471
Batch 92/248, train_loss: 0.2862, step time: 1.0576
Batch 93/248, train_loss: 0.1806, step time: 1.0292
Batch 94/248, train_loss: 0.3034, step time: 1.0383
Batch 95/248, train_loss: 0.1960, step time: 1.0188
Batch 96/248, train_loss: 0.2337, step time: 1.0323
Batch 97/248, train_loss: 0.3879, step time: 1.0592
Batch 98/248, train_loss: 0.1308, step time: 1.0495
Batch 99/248, train_loss: 0.3282, step time: 1.0434
Batch 100/248, train_loss: 0.2992, step time: 1.0303
Batch 101/248, train_loss: 0.0688, step time: 1.0343
Batch 102/248, train_loss: 0.1579, step time: 1.0236
Batch 103/248, train_loss: 0.3578, step time: 1.0454
Batch 104/248, train_loss: 0.3401, step time: 1.0303
Batch 105/248, train_loss: 0.0882, step time: 1.0306
Batch 106/248, train_loss: 0.1551, step time: 1.0232
Batch 107/248, train_loss: 0.2483, step time: 1.0477
Batch 108/248, train_loss: 0.5792, step time: 1.0498
Batch 109/248, train_loss: 0.3512, step time: 1.0428
Batch 110/248, train_loss: 0.3581, step time: 1.0552
Batch 111/248, train_loss: 0.1146, step time: 1.0239
Batch 112/248, train_loss: 0.1682, step time: 1.0317
Batch 113/248, train_loss: 0.9650, step time: 1.0249
Batch 114/248, train_loss: 0.1896, step time: 1.0475
Batch 115/248, train_loss: 0.1687, step time: 1.0311
Batch 116/248, train_loss: 0.0825, step time: 1.0363
Batch 117/248, train_loss: 0.7450, step time: 1.0361
Batch 118/248, train_loss: 0.1513, step time: 1.0235
Batch 119/248, train_loss: 0.3235, step time: 1.0427
Batch 120/248, train_loss: 0.2494, step time: 1.0399
Batch 121/248, train_loss: 0.3588, step time: 1.0458
Batch 122/248, train_loss: 0.4745, step time: 1.0400
Batch 123/248, train_loss: 0.0762, step time: 1.0494
Batch 124/248, train_loss: 0.3409, step time: 1.0413
Batch 125/248, train_loss: 0.5306, step time: 1.0495
Batch 126/248, train_loss: 0.2309, step time: 1.0398
Batch 127/248, train_loss: 0.1552, step time: 1.0389
Batch 128/248, train_loss: 0.4119, step time: 1.0467
Batch 129/248, train_loss: 0.1262, step time: 1.0527
Batch 130/248, train_loss: 0.1223, step time: 1.0349
Batch 131/248, train_loss: 0.4340, step time: 1.0520
Batch 132/248, train_loss: 0.2065, step time: 1.0323
Batch 133/248, train_loss: 0.1474, step time: 1.0262
Batch 134/248, train_loss: 0.5653, step time: 1.0369
Batch 135/248, train_loss: 0.2770, step time: 1.0409
Batch 136/248, train_loss: 0.1421, step time: 1.0338
Batch 137/248, train_loss: 0.1549, step time: 1.0266
Batch 138/248, train_loss: 0.0798, step time: 1.0303
Batch 139/248, train_loss: 0.1651, step time: 1.0335
Batch 140/248, train_loss: 0.1681, step time: 1.0474
Batch 141/248, train_loss: 0.1971, step time: 1.0385
Batch 142/248, train_loss: 0.5972, step time: 1.0242
Batch 143/248, train_loss: 0.2713, step time: 1.0426
Batch 144/248, train_loss: 0.1483, step time: 1.0380
Batch 145/248, train_loss: 0.0998, step time: 1.0269
Batch 146/248, train_loss: 0.4381, step time: 1.0370
Batch 147/248, train_loss: 0.0705, step time: 1.0218
Batch 148/248, train_loss: 0.5120, step time: 1.0302
Batch 149/248, train_loss: 0.1748, step time: 1.0258
Batch 150/248, train_loss: 0.5935, step time: 1.0196
Batch 151/248, train_loss: 0.3400, step time: 1.0442
Batch 152/248, train_loss: 0.0528, step time: 1.0332
Batch 153/248, train_loss: 0.2034, step time: 1.0486
Batch 154/248, train_loss: 0.5701, step time: 1.0283
Batch 155/248, train_loss: 0.1621, step time: 1.0501
Batch 156/248, train_loss: 0.1843, step time: 1.0397
Batch 157/248, train_loss: 0.3588, step time: 1.0322
Batch 158/248, train_loss: 0.9977, step time: 1.0269
Batch 159/248, train_loss: 0.3894, step time: 1.0409
Batch 160/248, train_loss: 0.1152, step time: 1.0369
Batch 161/248, train_loss: 0.0841, step time: 1.0400
Batch 162/248, train_loss: 0.0906, step time: 1.0466
Batch 163/248, train_loss: 0.1598, step time: 1.0305

Batch 164/248, train_loss: 0.1601, step time: 1.0385
Batch 165/248, train_loss: 0.7401, step time: 1.0364
Batch 166/248, train_loss: 0.1088, step time: 1.0310
Batch 167/248, train_loss: 0.2397, step time: 1.0382
Batch 168/248, train_loss: 0.1967, step time: 1.0353
Batch 169/248, train_loss: 0.1613, step time: 1.0240
Batch 170/248, train_loss: 0.4505, step time: 1.0332
Batch 171/248, train_loss: 0.0956, step time: 1.0305
Batch 172/248, train_loss: 0.5460, step time: 1.0290
Batch 173/248, train_loss: 0.1021, step time: 1.0273
Batch 174/248, train_loss: 0.5137, step time: 1.0486
Batch 175/248, train_loss: 0.2658, step time: 1.0262
Batch 176/248, train_loss: 0.4142, step time: 1.0285
Batch 177/248, train_loss: 0.2685, step time: 1.0352
Batch 178/248, train_loss: 0.2163, step time: 1.0360
Batch 179/248, train_loss: 0.1604, step time: 1.0268
Batch 180/248, train_loss: 0.5197, step time: 1.0382
Batch 181/248, train_loss: 0.1644, step time: 1.0363
Batch 182/248, train_loss: 0.9564, step time: 1.0432
Batch 183/248, train_loss: 0.1471, step time: 1.0272
Batch 184/248, train_loss: 0.1818, step time: 1.0396
Batch 185/248, train_loss: 0.1218, step time: 1.0262
Batch 186/248, train_loss: 0.1089, step time: 1.0249
Batch 187/248, train_loss: 0.2810, step time: 1.0263
Batch 188/248, train_loss: 0.2455, step time: 1.0450
Batch 189/248, train_loss: 0.6463, step time: 1.0473
Batch 190/248, train_loss: 0.1677, step time: 1.0475
Batch 191/248, train_loss: 0.6824, step time: 1.0306
Batch 192/248, train_loss: 0.2527, step time: 1.0274
Batch 193/248, train_loss: 0.2722, step time: 1.0427
Batch 194/248, train_loss: 0.1175, step time: 1.0373
Batch 195/248, train_loss: 0.6384, step time: 1.0516
Batch 196/248, train_loss: 1.0000, step time: 1.0195
Batch 197/248, train_loss: 0.2224, step time: 1.0437
Batch 198/248, train_loss: 0.7903, step time: 1.0381
Batch 199/248, train_loss: 0.1775, step time: 1.0415
Batch 200/248, train_loss: 0.1882, step time: 1.0522
Batch 201/248, train_loss: 0.1504, step time: 1.0297
Batch 202/248, train_loss: 0.4448, step time: 1.0289
Batch 203/248, train_loss: 0.4521, step time: 1.0229
Batch 204/248, train_loss: 0.1270, step time: 1.0220
Batch 205/248, train_loss: 0.3362, step time: 1.0275
Batch 206/248, train_loss: 0.2685, step time: 1.0375
Batch 207/248, train_loss: 0.0962, step time: 1.0355
Batch 208/248, train_loss: 0.1945, step time: 1.0234
Batch 209/248, train_loss: 0.1458, step time: 1.0294
Batch 210/248, train_loss: 0.0800, step time: 1.0255
Batch 211/248, train_loss: 0.0938, step time: 1.0476
Batch 212/248, train_loss: 0.2636, step time: 1.0190
Batch 213/248, train_loss: 0.1893, step time: 1.0249
Batch 214/248, train_loss: 0.1123, step time: 1.0202
Batch 215/248, train_loss: 0.2553, step time: 1.0479
Batch 216/248, train_loss: 0.2294, step time: 1.0206
Batch 217/248, train_loss: 0.3287, step time: 1.0471
Batch 218/248, train_loss: 0.7688, step time: 1.0448
Batch 219/248, train_loss: 0.0925, step time: 1.0505
Batch 220/248, train_loss: 0.2813, step time: 1.0323
Batch 221/248, train_loss: 0.2962, step time: 1.0496
Batch 222/248, train_loss: 0.2387, step time: 1.0461
Batch 223/248, train_loss: 0.0646, step time: 1.0478
Batch 224/248, train_loss: 0.1174, step time: 1.0155
Batch 225/248, train_loss: 0.2475, step time: 1.0315
Batch 226/248, train_loss: 0.1532, step time: 1.0312
Batch 227/248, train_loss: 0.1536, step time: 1.0280
Batch 228/248, train_loss: 0.1830, step time: 1.0235
Batch 229/248, train_loss: 0.1288, step time: 1.0379
Batch 230/248, train_loss: 0.0858, step time: 1.0364
Batch 231/248, train_loss: 0.4035, step time: 1.0464
Batch 232/248, train_loss: 0.0921, step time: 1.0513
Batch 233/248, train_loss: 0.9274, step time: 1.0306
Batch 234/248, train_loss: 0.4803, step time: 1.0366
Batch 235/248, train_loss: 0.3415, step time: 1.0252
Batch 236/248, train_loss: 0.7801, step time: 1.0233
Batch 237/248, train_loss: 0.1766, step time: 1.0336
Batch 238/248, train_loss: 0.1219, step time: 1.0443
Batch 239/248, train_loss: 0.0698, step time: 1.0323
Batch 240/248, train_loss: 0.3382, step time: 1.0249
Batch 241/248, train_loss: 0.8493, step time: 1.0549
Batch 242/248, train_loss: 0.2111, step time: 1.0380
Batch 243/248, train_loss: 0.4931, step time: 1.0495
Batch 244/248, train_loss: 0.4956, step time: 1.0236
Batch 245/248, train_loss: 0.1273, step time: 1.0333
Batch 246/248, train_loss: 0.5846, step time: 1.0250
Batch 247/248, train_loss: 0.1030, step time: 1.0245
Batch 248/248, train_loss: 0.9998, step time: 1.0439

Labels

TC



WT



ET



Predictions



VAL

```
Batch 1/31, val_loss: 0.8247
Batch 2/31, val_loss: 0.9609
Batch 3/31, val_loss: 0.9546
Batch 4/31, val_loss: 0.9373
Batch 5/31, val_loss: 0.9744
Batch 6/31, val_loss: 0.6772
Batch 7/31, val_loss: 0.8188
Batch 8/31, val_loss: 0.9542
Batch 9/31, val_loss: 0.6831
Batch 10/31, val_loss: 0.9434
Batch 11/31, val_loss: 0.7958
Batch 12/31, val_loss: 0.9534
Batch 13/31, val_loss: 0.9440
Batch 14/31, val_loss: 0.9269
Batch 15/31, val_loss: 0.9772
Batch 16/31, val_loss: 0.9448
Batch 17/31, val_loss: 0.9498
Batch 18/31, val_loss: 0.9216
Batch 19/31, val_loss: 0.7508
Batch 20/31, val_loss: 0.8647
Batch 21/31, val_loss: 0.9360
Batch 22/31, val_loss: 0.9700
Batch 23/31, val_loss: 0.9530
Batch 24/31, val_loss: 0.7326
Batch 25/31, val_loss: 0.7854
Batch 26/31, val_loss: 0.9006
Batch 27/31, val_loss: 0.9740
Batch 28/31, val_loss: 0.7445
Batch 29/31, val_loss: 0.9753
Batch 30/31, val_loss: 0.9525
Batch 31/31, val_loss: 0.9564
```

Labels

TC



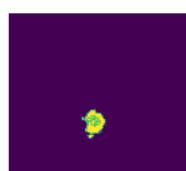
WT



ET



Predictions



epoch 59

```
average train loss: 0.2950
average validation loss: 0.8915
saved as best model: True
current mean dice: 0.5242
current TC dice: 0.5643
    0.0000000000000000
    0.0000000000000000
    0.0000000000000000
```

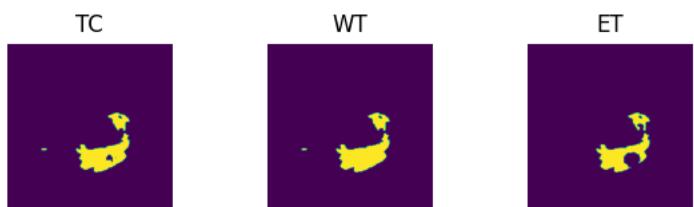
```
current WI dice: 0.563/
current ET dice: 0.4815
Best Mean Metric: 0.5242
time consuming of epoch 59 is: 1639.7257
-----
epoch 60/100
TRAIN
Batch 1/248, train_loss: 0.0961, step time: 1.0442
Batch 2/248, train_loss: 0.7652, step time: 1.0401
Batch 3/248, train_loss: 0.3707, step time: 1.0338
Batch 4/248, train_loss: 0.9909, step time: 1.0381
Batch 5/248, train_loss: 0.2252, step time: 1.0521
Batch 6/248, train_loss: 0.2307, step time: 1.0301
Batch 7/248, train_loss: 0.0804, step time: 1.0401
Batch 8/248, train_loss: 0.6032, step time: 1.0430
Batch 9/248, train_loss: 0.0519, step time: 1.0225
Batch 10/248, train_loss: 0.2912, step time: 1.0328
Batch 11/248, train_loss: 0.2786, step time: 1.0479
Batch 12/248, train_loss: 0.3649, step time: 1.0298
Batch 13/248, train_loss: 0.2945, step time: 1.0458
Batch 14/248, train_loss: 0.0684, step time: 1.0279
Batch 15/248, train_loss: 0.4055, step time: 1.0402
Batch 16/248, train_loss: 0.1864, step time: 1.0512
Batch 17/248, train_loss: 0.3151, step time: 1.0312
Batch 18/248, train_loss: 0.3505, step time: 1.0275
Batch 19/248, train_loss: 0.1255, step time: 1.0387
Batch 20/248, train_loss: 0.2054, step time: 1.0278
Batch 21/248, train_loss: 0.0639, step time: 1.0457
Batch 22/248, train_loss: 0.4393, step time: 1.0375
Batch 23/248, train_loss: 0.6852, step time: 1.0332
Batch 24/248, train_loss: 0.1021, step time: 1.0222
Batch 25/248, train_loss: 0.0913, step time: 1.0456
Batch 26/248, train_loss: 0.4559, step time: 1.0380
Batch 27/248, train_loss: 0.1001, step time: 1.0239
Batch 28/248, train_loss: 0.1804, step time: 1.0402
Batch 29/248, train_loss: 0.3581, step time: 1.0312
Batch 30/248, train_loss: 0.2254, step time: 1.0326
Batch 31/248, train_loss: 0.3083, step time: 1.0305
Batch 32/248, train_loss: 0.1177, step time: 1.0236
Batch 33/248, train_loss: 0.0903, step time: 1.0262
Batch 34/248, train_loss: 0.0588, step time: 1.0296
Batch 35/248, train_loss: 0.0669, step time: 1.0486
Batch 36/248, train_loss: 0.4359, step time: 1.0281
Batch 37/248, train_loss: 0.1979, step time: 1.0320
Batch 38/248, train_loss: 0.3190, step time: 1.0366
Batch 39/248, train_loss: 0.2207, step time: 1.0445
Batch 40/248, train_loss: 0.9977, step time: 1.0500
Batch 41/248, train_loss: 0.1759, step time: 1.0342
Batch 42/248, train_loss: 0.0944, step time: 1.0197
Batch 43/248, train_loss: 0.0697, step time: 1.0358
Batch 44/248, train_loss: 0.1811, step time: 1.0286
Batch 45/248, train_loss: 0.5429, step time: 1.0240
Batch 46/248, train_loss: 0.1820, step time: 1.0577
Batch 47/248, train_loss: 0.0859, step time: 1.0212
Batch 48/248, train_loss: 0.2538, step time: 1.0266
Batch 49/248, train_loss: 0.4028, step time: 1.0415
Batch 50/248, train_loss: 0.2020, step time: 1.0353
Batch 51/248, train_loss: 0.1645, step time: 1.0395
Batch 52/248, train_loss: 0.1788, step time: 1.0501
Batch 53/248, train_loss: 0.4649, step time: 1.0282
Batch 54/248, train_loss: 0.3028, step time: 1.0330
Batch 55/248, train_loss: 0.2712, step time: 1.0356
Batch 56/248, train_loss: 0.2156, step time: 1.0327
Batch 57/248, train_loss: 0.3271, step time: 1.0395
Batch 58/248, train_loss: 0.1009, step time: 1.0431
Batch 59/248, train_loss: 0.1043, step time: 1.0432
Batch 60/248, train_loss: 0.0904, step time: 1.0199
Batch 61/248, train_loss: 0.1134, step time: 1.0274
Batch 62/248, train_loss: 0.2653, step time: 1.0190
Batch 63/248, train_loss: 0.4762, step time: 1.0410
Batch 64/248, train_loss: 0.4060, step time: 1.0374
Batch 65/248, train_loss: 0.3373, step time: 1.0309
Batch 66/248, train_loss: 0.1633, step time: 1.0258
Batch 67/248, train_loss: 0.1069, step time: 1.0463
Batch 68/248, train_loss: 0.1239, step time: 1.0503
Batch 69/248, train_loss: 0.4281, step time: 1.0257
Batch 70/248, train_loss: 0.1881, step time: 1.0326
Batch 71/248, train_loss: 0.1421, step time: 1.0198
Batch 72/248, train_loss: 0.0670, step time: 1.0193
Batch 73/248, train_loss: 0.1662, step time: 1.0198
Batch 74/248, train_loss: 0.9954, step time: 1.0409
Batch 75/248, train_loss: 0.1897, step time: 1.0310
Batch 76/248, train_loss: 0.5702, step time: 1.0327
Batch 77/248, train_loss: 0.8378, step time: 1.0430
Batch 78/248, train_loss: 0.1202, step time: 1.0472
```

Batch 79/248, train_loss: 0.1202, step time: 1.0285
Batch 80/248, train_loss: 0.2161, step time: 1.0479
Batch 81/248, train_loss: 0.1968, step time: 1.0395
Batch 82/248, train_loss: 0.1333, step time: 1.0495
Batch 83/248, train_loss: 0.6431, step time: 1.0379
Batch 84/248, train_loss: 0.2528, step time: 1.0218
Batch 85/248, train_loss: 0.4843, step time: 1.0277
Batch 86/248, train_loss: 0.2811, step time: 1.0346
Batch 87/248, train_loss: 0.5521, step time: 1.0320
Batch 88/248, train_loss: 0.3445, step time: 1.0479
Batch 89/248, train_loss: 0.0929, step time: 1.0434
Batch 90/248, train_loss: 0.2086, step time: 1.0481
Batch 91/248, train_loss: 0.3989, step time: 1.0549
Batch 92/248, train_loss: 0.3121, step time: 1.0299
Batch 93/248, train_loss: 0.1764, step time: 1.0200
Batch 94/248, train_loss: 0.3421, step time: 1.0394
Batch 95/248, train_loss: 0.2103, step time: 1.0420
Batch 96/248, train_loss: 0.2153, step time: 1.0459
Batch 97/248, train_loss: 0.4540, step time: 1.0484
Batch 98/248, train_loss: 0.1256, step time: 1.0234
Batch 99/248, train_loss: 0.3039, step time: 1.0323
Batch 100/248, train_loss: 0.3950, step time: 1.0303
Batch 101/248, train_loss: 0.0696, step time: 1.0181
Batch 102/248, train_loss: 0.1476, step time: 1.0447
Batch 103/248, train_loss: 0.3408, step time: 1.0449
Batch 104/248, train_loss: 0.3397, step time: 1.0262
Batch 105/248, train_loss: 0.0931, step time: 1.0473
Batch 106/248, train_loss: 0.1597, step time: 1.0322
Batch 107/248, train_loss: 0.2443, step time: 1.0293
Batch 108/248, train_loss: 0.5252, step time: 1.0286
Batch 109/248, train_loss: 0.3682, step time: 1.0410
Batch 110/248, train_loss: 0.9996, step time: 1.0356
Batch 111/248, train_loss: 0.1110, step time: 1.0294
Batch 112/248, train_loss: 0.1415, step time: 1.0334
Batch 113/248, train_loss: 0.9850, step time: 1.0234
Batch 114/248, train_loss: 0.1911, step time: 1.0249
Batch 115/248, train_loss: 0.1765, step time: 1.0301
Batch 116/248, train_loss: 0.0846, step time: 1.0494
Batch 117/248, train_loss: 0.7233, step time: 1.0477
Batch 118/248, train_loss: 0.1537, step time: 1.0456
Batch 119/248, train_loss: 0.3232, step time: 1.0238
Batch 120/248, train_loss: 0.2401, step time: 1.0441
Batch 121/248, train_loss: 0.3761, step time: 1.0434
Batch 122/248, train_loss: 0.5091, step time: 1.0258
Batch 123/248, train_loss: 0.0800, step time: 1.0287
Batch 124/248, train_loss: 0.2892, step time: 1.0297
Batch 125/248, train_loss: 0.5240, step time: 1.0254
Batch 126/248, train_loss: 0.2168, step time: 1.0320
Batch 127/248, train_loss: 0.1789, step time: 1.0300
Batch 128/248, train_loss: 0.2253, step time: 1.0306
Batch 129/248, train_loss: 0.1330, step time: 1.0247
Batch 130/248, train_loss: 0.1307, step time: 1.0296
Batch 131/248, train_loss: 0.4036, step time: 1.0317
Batch 132/248, train_loss: 0.1748, step time: 1.0201
Batch 133/248, train_loss: 0.1444, step time: 1.0271
Batch 134/248, train_loss: 0.5687, step time: 1.0302
Batch 135/248, train_loss: 0.2490, step time: 1.0449
Batch 136/248, train_loss: 0.1368, step time: 1.0325
Batch 137/248, train_loss: 0.1216, step time: 1.0477
Batch 138/248, train_loss: 0.0801, step time: 1.0264
Batch 139/248, train_loss: 0.1733, step time: 1.0414
Batch 140/248, train_loss: 0.1808, step time: 1.0288
Batch 141/248, train_loss: 0.1946, step time: 1.0236
Batch 142/248, train_loss: 0.5725, step time: 1.0351
Batch 143/248, train_loss: 0.2561, step time: 1.0192
Batch 144/248, train_loss: 0.1462, step time: 1.0481
Batch 145/248, train_loss: 0.0641, step time: 1.0303
Batch 146/248, train_loss: 0.4060, step time: 1.0396
Batch 147/248, train_loss: 0.0591, step time: 1.0480
Batch 148/248, train_loss: 0.5483, step time: 1.0534
Batch 149/248, train_loss: 0.1764, step time: 1.0236
Batch 150/248, train_loss: 0.5725, step time: 1.0469
Batch 151/248, train_loss: 0.3034, step time: 1.0255
Batch 152/248, train_loss: 0.0501, step time: 1.0189
Batch 153/248, train_loss: 0.1869, step time: 1.0328
Batch 154/248, train_loss: 0.5687, step time: 1.0441
Batch 155/248, train_loss: 0.1528, step time: 1.0427
Batch 156/248, train_loss: 0.1907, step time: 1.0547
Batch 157/248, train_loss: 0.3550, step time: 1.0289
Batch 158/248, train_loss: 0.9989, step time: 1.0300
Batch 159/248, train_loss: 0.3558, step time: 1.0450
Batch 160/248, train_loss: 0.1003, step time: 1.0510
Batch 161/248, train_loss: 0.0668, step time: 1.0398
Batch 162/248, train_loss: 0.0938, step time: 1.0474
Batch 163/248, train_loss: 0.1468, step time: 1.0371

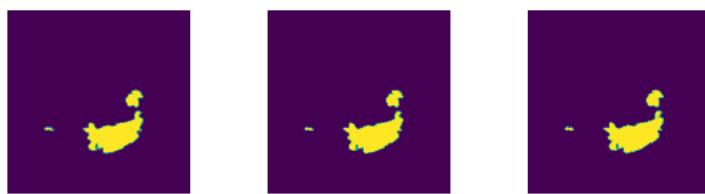
Batch 164/248, train_loss: 0.1789, step time: 1.0377
Batch 165/248, train_loss: 0.5799, step time: 1.0331
Batch 166/248, train_loss: 0.1034, step time: 1.0252
Batch 167/248, train_loss: 0.2438, step time: 1.0254
Batch 168/248, train_loss: 0.1925, step time: 1.0412
Batch 169/248, train_loss: 0.1614, step time: 1.0186
Batch 170/248, train_loss: 0.5630, step time: 1.0341
Batch 171/248, train_loss: 0.1047, step time: 1.0261
Batch 172/248, train_loss: 0.4475, step time: 1.0259
Batch 173/248, train_loss: 0.0911, step time: 1.0451
Batch 174/248, train_loss: 0.8059, step time: 1.0532
Batch 175/248, train_loss: 0.1603, step time: 1.0291
Batch 176/248, train_loss: 0.4116, step time: 1.0265
Batch 177/248, train_loss: 0.3073, step time: 1.0374
Batch 178/248, train_loss: 0.1755, step time: 1.0267
Batch 179/248, train_loss: 0.1104, step time: 1.0282
Batch 180/248, train_loss: 0.4054, step time: 1.0372
Batch 181/248, train_loss: 0.1171, step time: 1.0171
Batch 182/248, train_loss: 0.8762, step time: 1.0255
Batch 183/248, train_loss: 0.1509, step time: 1.0235
Batch 184/248, train_loss: 0.1811, step time: 1.0225
Batch 185/248, train_loss: 0.1274, step time: 1.0240
Batch 186/248, train_loss: 0.1081, step time: 1.0183
Batch 187/248, train_loss: 0.2156, step time: 1.0239
Batch 188/248, train_loss: 0.2216, step time: 1.0423
Batch 189/248, train_loss: 0.4984, step time: 1.0377
Batch 190/248, train_loss: 0.1630, step time: 1.0290
Batch 191/248, train_loss: 0.6435, step time: 1.0267
Batch 192/248, train_loss: 0.2231, step time: 1.0331
Batch 193/248, train_loss: 0.2641, step time: 1.0450
Batch 194/248, train_loss: 0.1026, step time: 1.0304
Batch 195/248, train_loss: 0.6324, step time: 1.0481
Batch 196/248, train_loss: 0.9997, step time: 1.0206
Batch 197/248, train_loss: 0.2200, step time: 1.0302
Batch 198/248, train_loss: 0.5945, step time: 1.0465
Batch 199/248, train_loss: 0.1441, step time: 1.0420
Batch 200/248, train_loss: 0.1652, step time: 1.0274
Batch 201/248, train_loss: 0.1393, step time: 1.0390
Batch 202/248, train_loss: 0.4220, step time: 1.0397
Batch 203/248, train_loss: 0.3749, step time: 1.0336
Batch 204/248, train_loss: 0.1489, step time: 1.0401
Batch 205/248, train_loss: 0.3383, step time: 1.0438
Batch 206/248, train_loss: 0.4551, step time: 1.0299
Batch 207/248, train_loss: 0.1071, step time: 1.0456
Batch 208/248, train_loss: 0.1596, step time: 1.0366
Batch 209/248, train_loss: 0.1492, step time: 1.0421
Batch 210/248, train_loss: 0.0744, step time: 1.0259
Batch 211/248, train_loss: 0.0983, step time: 1.0206
Batch 212/248, train_loss: 0.2341, step time: 1.0457
Batch 213/248, train_loss: 0.1923, step time: 1.0455
Batch 214/248, train_loss: 0.1108, step time: 1.0244
Batch 215/248, train_loss: 0.3820, step time: 1.0447
Batch 216/248, train_loss: 0.2312, step time: 1.0272
Batch 217/248, train_loss: 0.3051, step time: 1.0380
Batch 218/248, train_loss: 0.9116, step time: 1.0445
Batch 219/248, train_loss: 0.0839, step time: 1.0241
Batch 220/248, train_loss: 0.2568, step time: 1.0407
Batch 221/248, train_loss: 0.3094, step time: 1.0485
Batch 222/248, train_loss: 0.2620, step time: 1.0383
Batch 223/248, train_loss: 0.0675, step time: 1.0257
Batch 224/248, train_loss: 0.1142, step time: 1.0426
Batch 225/248, train_loss: 0.2127, step time: 1.0417
Batch 226/248, train_loss: 0.1623, step time: 1.0490
Batch 227/248, train_loss: 0.1543, step time: 1.0246
Batch 228/248, train_loss: 0.1787, step time: 1.0447
Batch 229/248, train_loss: 0.1233, step time: 1.0381
Batch 230/248, train_loss: 0.0943, step time: 1.0222
Batch 231/248, train_loss: 0.3390, step time: 1.0251
Batch 232/248, train_loss: 0.0862, step time: 1.0225
Batch 233/248, train_loss: 0.9345, step time: 1.0477
Batch 234/248, train_loss: 0.4763, step time: 1.0331
Batch 235/248, train_loss: 0.3998, step time: 1.0272
Batch 236/248, train_loss: 0.8161, step time: 1.0308
Batch 237/248, train_loss: 0.1817, step time: 1.0502
Batch 238/248, train_loss: 0.1243, step time: 1.0223
Batch 239/248, train_loss: 0.0692, step time: 1.0464
Batch 240/248, train_loss: 0.2893, step time: 1.0290
Batch 241/248, train_loss: 0.7847, step time: 1.0176
Batch 242/248, train_loss: 0.2269, step time: 1.0372
Batch 243/248, train_loss: 0.5264, step time: 1.0286
Batch 244/248, train_loss: 0.4811, step time: 1.0434
Batch 245/248, train_loss: 0.1213, step time: 1.0378
Batch 246/248, train_loss: 0.5886, step time: 1.0328
Batch 247/248, train_loss: 0.0894, step time: 1.0350
Batch 248/248, train_loss: 0.0000, step time: 1.0122

Batch 240/240, El apri_tloss: 0.9990, Step time: 1.0432

Labels



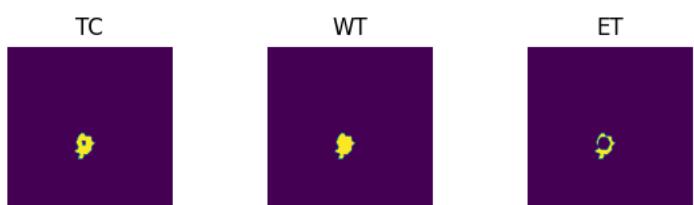
Predictions



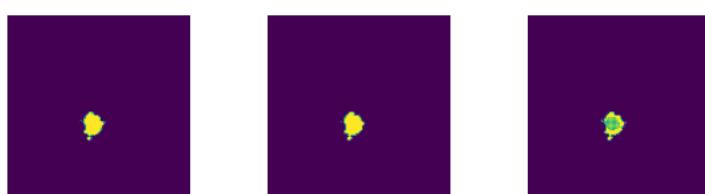
VAL

```
Batch 1/31, val_loss: 0.8367
Batch 2/31, val_loss: 0.9697
Batch 3/31, val_loss: 0.9665
Batch 4/31, val_loss: 0.9486
Batch 5/31, val_loss: 0.9880
Batch 6/31, val_loss: 0.6847
Batch 7/31, val_loss: 0.8351
Batch 8/31, val_loss: 0.9677
Batch 9/31, val_loss: 0.6907
Batch 10/31, val_loss: 0.9244
Batch 11/31, val_loss: 0.8074
Batch 12/31, val_loss: 0.9669
Batch 13/31, val_loss: 0.9531
Batch 14/31, val_loss: 0.9436
Batch 15/31, val_loss: 0.9895
Batch 16/31, val_loss: 0.9563
Batch 17/31, val_loss: 0.9624
Batch 18/31, val_loss: 0.9340
Batch 19/31, val_loss: 0.7586
Batch 20/31, val_loss: 0.8575
Batch 21/31, val_loss: 0.9465
Batch 22/31, val_loss: 0.9819
Batch 23/31, val_loss: 0.9658
Batch 24/31, val_loss: 0.7405
Batch 25/31, val_loss: 0.7963
Batch 26/31, val_loss: 0.9129
Batch 27/31, val_loss: 0.9803
Batch 28/31, val_loss: 0.7497
Batch 29/31, val_loss: 0.9854
Batch 30/31, val_loss: 0.9635
Batch 31/31, val_loss: 0.9671
```

Labels



Predictions



epoch 60

```
average train loss: 0.2917
average validation loss: 0.9010
saved as best model: True
current mean dice: 0.5257
current TC dice: 0.5671
```

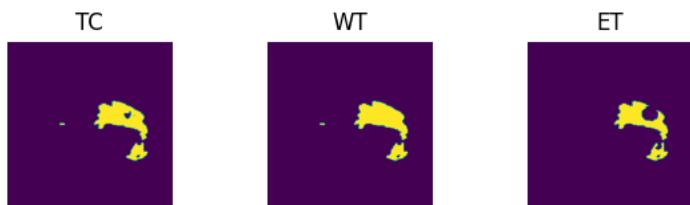
```
current WT dice: 0.5672
current ET dice: 0.4768
Best Mean Metric: 0.5257
time consuming of epoch 60 is: 1586.3241
-----
epoch 61/100
TRAIN
Batch 1/248, train_loss: 0.0947, step time: 1.0448
Batch 2/248, train_loss: 0.6854, step time: 1.0304
Batch 3/248, train_loss: 0.3562, step time: 1.0266
Batch 4/248, train_loss: 0.9977, step time: 1.0157
Batch 5/248, train_loss: 0.2366, step time: 1.0426
Batch 6/248, train_loss: 0.2361, step time: 1.0243
Batch 7/248, train_loss: 0.0823, step time: 1.0387
Batch 8/248, train_loss: 0.6961, step time: 1.0211
Batch 9/248, train_loss: 0.0512, step time: 1.0235
Batch 10/248, train_loss: 0.2821, step time: 1.0382
Batch 11/248, train_loss: 0.2712, step time: 1.0258
Batch 12/248, train_loss: 0.4054, step time: 1.0423
Batch 13/248, train_loss: 0.3217, step time: 1.0343
Batch 14/248, train_loss: 0.0653, step time: 1.0321
Batch 15/248, train_loss: 0.3945, step time: 1.0336
Batch 16/248, train_loss: 0.1894, step time: 1.0282
Batch 17/248, train_loss: 0.3047, step time: 1.0243
Batch 18/248, train_loss: 0.2741, step time: 1.0379
Batch 19/248, train_loss: 0.1057, step time: 1.0243
Batch 20/248, train_loss: 0.1480, step time: 1.0466
Batch 21/248, train_loss: 0.0624, step time: 1.0352
Batch 22/248, train_loss: 0.5580, step time: 1.0503
Batch 23/248, train_loss: 0.3420, step time: 1.0319
Batch 24/248, train_loss: 0.1035, step time: 1.0286
Batch 25/248, train_loss: 0.0973, step time: 1.0307
Batch 26/248, train_loss: 0.4476, step time: 1.0508
Batch 27/248, train_loss: 0.0867, step time: 1.0266
Batch 28/248, train_loss: 0.1992, step time: 1.0464
Batch 29/248, train_loss: 0.3773, step time: 1.0411
Batch 30/248, train_loss: 0.2137, step time: 1.0313
Batch 31/248, train_loss: 0.3277, step time: 1.0390
Batch 32/248, train_loss: 0.1053, step time: 1.0358
Batch 33/248, train_loss: 0.0899, step time: 1.0417
Batch 34/248, train_loss: 0.0555, step time: 1.0224
Batch 35/248, train_loss: 0.0649, step time: 1.0268
Batch 36/248, train_loss: 0.4030, step time: 1.0323
Batch 37/248, train_loss: 0.2013, step time: 1.0259
Batch 38/248, train_loss: 0.3039, step time: 1.0212
Batch 39/248, train_loss: 0.2035, step time: 1.0367
Batch 40/248, train_loss: 0.9292, step time: 1.0403
Batch 41/248, train_loss: 0.1777, step time: 1.0412
Batch 42/248, train_loss: 0.1020, step time: 1.0352
Batch 43/248, train_loss: 0.0717, step time: 1.0497
Batch 44/248, train_loss: 0.2198, step time: 1.0273
Batch 45/248, train_loss: 0.5803, step time: 1.0414
Batch 46/248, train_loss: 0.1747, step time: 1.0380
Batch 47/248, train_loss: 0.0963, step time: 1.0356
Batch 48/248, train_loss: 0.2019, step time: 1.0272
Batch 49/248, train_loss: 0.4853, step time: 1.0260
Batch 50/248, train_loss: 0.2045, step time: 1.0224
Batch 51/248, train_loss: 0.1930, step time: 1.0475
Batch 52/248, train_loss: 0.1748, step time: 1.0499
Batch 53/248, train_loss: 0.4477, step time: 1.0520
Batch 54/248, train_loss: 0.3025, step time: 1.0373
Batch 55/248, train_loss: 0.3070, step time: 1.0426
Batch 56/248, train_loss: 0.2198, step time: 1.0481
Batch 57/248, train_loss: 0.3009, step time: 1.0506
Batch 58/248, train_loss: 0.0967, step time: 1.0378
Batch 59/248, train_loss: 0.1190, step time: 1.0470
Batch 60/248, train_loss: 0.0869, step time: 1.0320
Batch 61/248, train_loss: 0.1067, step time: 1.0410
Batch 62/248, train_loss: 0.2768, step time: 1.0237
Batch 63/248, train_loss: 0.4396, step time: 1.0346
Batch 64/248, train_loss: 0.4086, step time: 1.0435
Batch 65/248, train_loss: 0.2859, step time: 1.0381
Batch 66/248, train_loss: 0.1546, step time: 1.0266
Batch 67/248, train_loss: 0.1052, step time: 1.0250
Batch 68/248, train_loss: 0.1340, step time: 1.0363
Batch 69/248, train_loss: 0.3705, step time: 1.0397
Batch 70/248, train_loss: 0.1932, step time: 1.0449
Batch 71/248, train_loss: 0.1554, step time: 1.0284
Batch 72/248, train_loss: 0.0657, step time: 1.0295
Batch 73/248, train_loss: 0.1216, step time: 1.0348
Batch 74/248, train_loss: 0.9915, step time: 1.0190
Batch 75/248, train_loss: 0.1820, step time: 1.0513
Batch 76/248, train_loss: 0.4902, step time: 1.0256
Batch 77/248, train_loss: 0.6875, step time: 1.0219
Batch 78/248, train_loss: 0.1350, step time: 1.0286
```

Batch 79/248, train_loss: 0.1344, step time: 1.0394
Batch 80/248, train_loss: 0.2021, step time: 1.0331
Batch 81/248, train_loss: 0.2071, step time: 1.0336
Batch 82/248, train_loss: 0.1380, step time: 1.0295
Batch 83/248, train_loss: 0.6274, step time: 1.0319
Batch 84/248, train_loss: 0.2498, step time: 1.0238
Batch 85/248, train_loss: 0.3986, step time: 1.0244
Batch 86/248, train_loss: 0.2491, step time: 1.0260
Batch 87/248, train_loss: 0.5049, step time: 1.0340
Batch 88/248, train_loss: 0.3467, step time: 1.0310
Batch 89/248, train_loss: 0.0884, step time: 1.0263
Batch 90/248, train_loss: 0.2042, step time: 1.0457
Batch 91/248, train_loss: 0.3910, step time: 1.0263
Batch 92/248, train_loss: 0.2694, step time: 1.0486
Batch 93/248, train_loss: 0.1712, step time: 1.0235
Batch 94/248, train_loss: 0.2779, step time: 1.0347
Batch 95/248, train_loss: 0.1915, step time: 1.0242
Batch 96/248, train_loss: 0.2097, step time: 1.0455
Batch 97/248, train_loss: 0.3757, step time: 1.0327
Batch 98/248, train_loss: 0.1273, step time: 1.0433
Batch 99/248, train_loss: 0.3119, step time: 1.0389
Batch 100/248, train_loss: 0.2848, step time: 1.0220
Batch 101/248, train_loss: 0.0651, step time: 1.0388
Batch 102/248, train_loss: 0.1229, step time: 1.0180
Batch 103/248, train_loss: 0.3202, step time: 1.0424
Batch 104/248, train_loss: 0.3424, step time: 1.0195
Batch 105/248, train_loss: 0.0937, step time: 1.0480
Batch 106/248, train_loss: 0.1549, step time: 1.0297
Batch 107/248, train_loss: 0.2625, step time: 1.0502
Batch 108/248, train_loss: 0.5587, step time: 1.0504
Batch 109/248, train_loss: 0.4114, step time: 1.0552
Batch 110/248, train_loss: 0.9962, step time: 1.0395
Batch 111/248, train_loss: 0.1107, step time: 1.0285
Batch 112/248, train_loss: 0.1449, step time: 1.0184
Batch 113/248, train_loss: 0.9852, step time: 1.0369
Batch 114/248, train_loss: 0.1828, step time: 1.0313
Batch 115/248, train_loss: 0.1680, step time: 1.0199
Batch 116/248, train_loss: 0.0793, step time: 1.0257
Batch 117/248, train_loss: 0.7247, step time: 1.0458
Batch 118/248, train_loss: 0.1494, step time: 1.0341
Batch 119/248, train_loss: 0.3124, step time: 1.0254
Batch 120/248, train_loss: 0.2581, step time: 1.0360
Batch 121/248, train_loss: 0.3678, step time: 1.0437
Batch 122/248, train_loss: 0.4996, step time: 1.0374
Batch 123/248, train_loss: 0.0729, step time: 1.0212
Batch 124/248, train_loss: 0.2943, step time: 1.0482
Batch 125/248, train_loss: 0.5514, step time: 1.0272
Batch 126/248, train_loss: 0.2113, step time: 1.0212
Batch 127/248, train_loss: 0.1629, step time: 1.0373
Batch 128/248, train_loss: 0.1994, step time: 1.0241
Batch 129/248, train_loss: 0.1295, step time: 1.0364
Batch 130/248, train_loss: 0.1133, step time: 1.0188
Batch 131/248, train_loss: 0.4351, step time: 1.0405
Batch 132/248, train_loss: 0.1824, step time: 1.0317
Batch 133/248, train_loss: 0.1429, step time: 1.0452
Batch 134/248, train_loss: 0.5848, step time: 1.0317
Batch 135/248, train_loss: 0.2566, step time: 1.0421
Batch 136/248, train_loss: 0.1332, step time: 1.0479
Batch 137/248, train_loss: 0.1280, step time: 1.0223
Batch 138/248, train_loss: 0.0768, step time: 1.0409
Batch 139/248, train_loss: 0.1621, step time: 1.0535
Batch 140/248, train_loss: 0.1777, step time: 1.0305
Batch 141/248, train_loss: 0.1822, step time: 1.0325
Batch 142/248, train_loss: 0.5575, step time: 1.0399
Batch 143/248, train_loss: 0.2713, step time: 1.0484
Batch 144/248, train_loss: 0.1476, step time: 1.0461
Batch 145/248, train_loss: 0.0716, step time: 1.0441
Batch 146/248, train_loss: 0.4073, step time: 1.0446
Batch 147/248, train_loss: 0.0599, step time: 1.0474
Batch 148/248, train_loss: 0.5300, step time: 1.0549
Batch 149/248, train_loss: 0.1686, step time: 1.0431
Batch 150/248, train_loss: 0.6036, step time: 1.0373
Batch 151/248, train_loss: 0.3031, step time: 1.0318
Batch 152/248, train_loss: 0.0511, step time: 1.0447
Batch 153/248, train_loss: 0.2188, step time: 1.0241
Batch 154/248, train_loss: 0.5202, step time: 1.0502
Batch 155/248, train_loss: 0.1291, step time: 1.0525
Batch 156/248, train_loss: 0.1883, step time: 1.0449
Batch 157/248, train_loss: 0.3487, step time: 1.0271
Batch 158/248, train_loss: 0.9983, step time: 1.0226
Batch 159/248, train_loss: 0.3714, step time: 1.0302
Batch 160/248, train_loss: 0.1162, step time: 1.0414
Batch 161/248, train_loss: 0.0843, step time: 1.0302
Batch 162/248, train_loss: 0.0888, step time: 1.0258
Batch 163/248, train_loss: 0.1518, step time: 1.0210

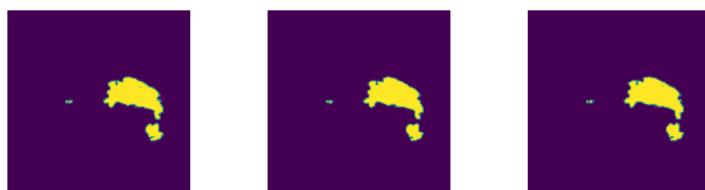
Batch 105/248, train_loss: 0.1510, step time: 1.0217
Batch 164/248, train_loss: 0.1679, step time: 1.0269
Batch 165/248, train_loss: 0.5678, step time: 1.0371
Batch 166/248, train_loss: 0.0996, step time: 1.0408
Batch 167/248, train_loss: 0.2421, step time: 1.0273
Batch 168/248, train_loss: 0.1942, step time: 1.0231
Batch 169/248, train_loss: 0.1647, step time: 1.0281
Batch 170/248, train_loss: 0.5894, step time: 1.0249
Batch 171/248, train_loss: 0.0961, step time: 1.0422
Batch 172/248, train_loss: 0.4937, step time: 1.0495
Batch 173/248, train_loss: 0.0898, step time: 1.0240
Batch 174/248, train_loss: 0.8380, step time: 1.0292
Batch 175/248, train_loss: 0.1517, step time: 1.0351
Batch 176/248, train_loss: 0.4056, step time: 1.0238
Batch 177/248, train_loss: 0.3097, step time: 1.0361
Batch 178/248, train_loss: 0.1747, step time: 1.0339
Batch 179/248, train_loss: 0.0998, step time: 1.0291
Batch 180/248, train_loss: 0.4017, step time: 1.0294
Batch 181/248, train_loss: 0.1116, step time: 1.0241
Batch 182/248, train_loss: 0.8896, step time: 1.0465
Batch 183/248, train_loss: 0.1537, step time: 1.0401
Batch 184/248, train_loss: 0.3140, step time: 1.0205
Batch 185/248, train_loss: 0.1453, step time: 1.0381
Batch 186/248, train_loss: 0.1232, step time: 1.0520
Batch 187/248, train_loss: 0.2071, step time: 1.0377
Batch 188/248, train_loss: 0.2035, step time: 1.0428
Batch 189/248, train_loss: 0.5763, step time: 1.0403
Batch 190/248, train_loss: 0.1723, step time: 1.0249
Batch 191/248, train_loss: 0.6478, step time: 1.0235
Batch 192/248, train_loss: 0.2316, step time: 1.0261
Batch 193/248, train_loss: 0.2712, step time: 1.0300
Batch 194/248, train_loss: 0.1000, step time: 1.0354
Batch 195/248, train_loss: 0.6150, step time: 1.0325
Batch 196/248, train_loss: 0.9999, step time: 1.0329
Batch 197/248, train_loss: 0.2673, step time: 1.0298
Batch 198/248, train_loss: 0.9965, step time: 1.0488
Batch 199/248, train_loss: 0.1508, step time: 1.0482
Batch 200/248, train_loss: 0.1847, step time: 1.0360
Batch 201/248, train_loss: 0.1408, step time: 1.0192
Batch 202/248, train_loss: 0.4095, step time: 1.0315
Batch 203/248, train_loss: 0.4700, step time: 1.0391
Batch 204/248, train_loss: 0.1249, step time: 1.0219
Batch 205/248, train_loss: 0.3365, step time: 1.0516
Batch 206/248, train_loss: 0.3227, step time: 1.0469
Batch 207/248, train_loss: 0.1145, step time: 1.0317
Batch 208/248, train_loss: 0.1656, step time: 1.0429
Batch 209/248, train_loss: 0.1445, step time: 1.0421
Batch 210/248, train_loss: 0.0805, step time: 1.0224
Batch 211/248, train_loss: 0.0955, step time: 1.0252
Batch 212/248, train_loss: 0.2598, step time: 1.0244
Batch 213/248, train_loss: 0.1925, step time: 1.0373
Batch 214/248, train_loss: 0.1162, step time: 1.0467
Batch 215/248, train_loss: 0.2770, step time: 1.0332
Batch 216/248, train_loss: 0.2290, step time: 1.0268
Batch 217/248, train_loss: 0.2894, step time: 1.0388
Batch 218/248, train_loss: 0.7279, step time: 1.0271
Batch 219/248, train_loss: 0.0987, step time: 1.0396
Batch 220/248, train_loss: 0.2527, step time: 1.0429
Batch 221/248, train_loss: 0.2750, step time: 1.0488
Batch 222/248, train_loss: 0.2292, step time: 1.0489
Batch 223/248, train_loss: 0.0652, step time: 1.0503
Batch 224/248, train_loss: 0.1058, step time: 1.0266
Batch 225/248, train_loss: 0.2434, step time: 1.0264
Batch 226/248, train_loss: 0.1471, step time: 1.0260
Batch 227/248, train_loss: 0.1462, step time: 1.0244
Batch 228/248, train_loss: 0.1833, step time: 1.0409
Batch 229/248, train_loss: 0.1254, step time: 1.0358
Batch 230/248, train_loss: 0.0842, step time: 1.0389
Batch 231/248, train_loss: 0.3871, step time: 1.0496
Batch 232/248, train_loss: 0.0885, step time: 1.0251
Batch 233/248, train_loss: 0.9401, step time: 1.0229
Batch 234/248, train_loss: 0.4677, step time: 1.0347
Batch 235/248, train_loss: 0.3621, step time: 1.0492
Batch 236/248, train_loss: 0.8066, step time: 1.0247
Batch 237/248, train_loss: 0.1795, step time: 1.0334
Batch 238/248, train_loss: 0.1057, step time: 1.0408
Batch 239/248, train_loss: 0.0839, step time: 1.0488
Batch 240/248, train_loss: 0.4029, step time: 1.0281
Batch 241/248, train_loss: 0.8389, step time: 1.0493
Batch 242/248, train_loss: 0.2307, step time: 1.0376
Batch 243/248, train_loss: 0.6260, step time: 1.0438
Batch 244/248, train_loss: 0.4786, step time: 1.0321
Batch 245/248, train_loss: 0.1094, step time: 1.0309
Batch 246/248, train_loss: 0.6093, step time: 1.0304
Batch 247/248, train_loss: 0.0882, step time: 1.0359

Batch 248/248, train_loss: 0.9998, step time: 1.0267

Labels



Predictions



VAL

Batch 1/31, val_loss: 0.8363

Batch 2/31, val_loss: 0.9662

Batch 3/31, val_loss: 0.9680

Batch 4/31, val_loss: 0.9483

Batch 5/31, val_loss: 0.9874

Batch 6/31, val_loss: 0.6842

Batch 7/31, val_loss: 0.8259

Batch 8/31, val_loss: 0.9614

Batch 9/31, val_loss: 0.6906

Batch 10/31, val_loss: 0.9508

Batch 11/31, val_loss: 0.8042

Batch 12/31, val_loss: 0.9657

Batch 13/31, val_loss: 0.9493

Batch 14/31, val_loss: 0.9392

Batch 15/31, val_loss: 0.9889

Batch 16/31, val_loss: 0.9557

Batch 17/31, val_loss: 0.9653

Batch 18/31, val_loss: 0.9350

Batch 19/31, val_loss: 0.7546

Batch 20/31, val_loss: 0.8600

Batch 21/31, val_loss: 0.9470

Batch 22/31, val_loss: 0.9827

Batch 23/31, val_loss: 0.9646

Batch 24/31, val_loss: 0.7375

Batch 25/31, val_loss: 0.7961

Batch 26/31, val_loss: 0.9108

Batch 27/31, val_loss: 0.9884

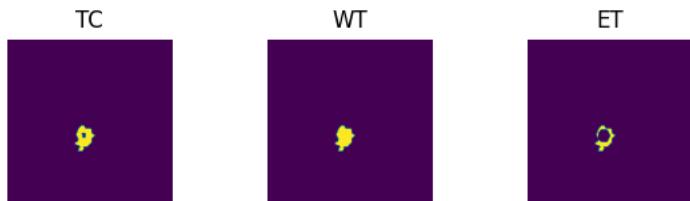
Batch 28/31, val_loss: 0.7516

Batch 29/31, val_loss: 0.9842

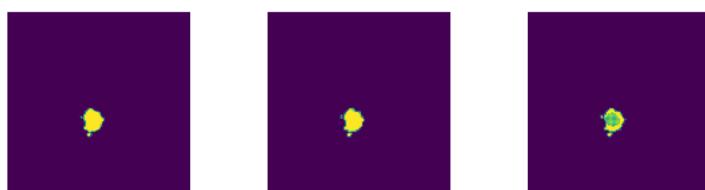
Batch 30/31, val_loss: 0.9623

Batch 31/31, val_loss: 0.9664

Labels



Predictions



epoch 61

average train loss: 0.2895

average validation loss: 0.9009

saved as best model: False

current mean dice: 0.5248

current TC dice: 0.5706

current WT dice: 0.5682
current ET dice: 0.4682
Best Mean Metric: 0.5257
time consuming of epoch 61 is: 1610.0901

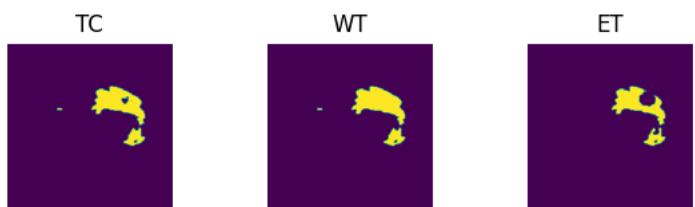
epoch 62/100
TRAIN
Batch 1/248, train_loss: 0.0889, step time: 1.0319
Batch 2/248, train_loss: 0.7445, step time: 1.0462
Batch 3/248, train_loss: 0.3639, step time: 1.0474
Batch 4/248, train_loss: 0.9935, step time: 1.0399
Batch 5/248, train_loss: 0.2062, step time: 1.0336
Batch 6/248, train_loss: 0.2121, step time: 1.0354
Batch 7/248, train_loss: 0.0755, step time: 1.0235
Batch 8/248, train_loss: 0.6642, step time: 1.0221
Batch 9/248, train_loss: 0.0552, step time: 1.0358
Batch 10/248, train_loss: 0.3070, step time: 1.0327
Batch 11/248, train_loss: 0.2508, step time: 1.0376
Batch 12/248, train_loss: 0.4369, step time: 1.0257
Batch 13/248, train_loss: 0.3439, step time: 1.0324
Batch 14/248, train_loss: 0.0591, step time: 1.0241
Batch 15/248, train_loss: 0.3980, step time: 1.0365
Batch 16/248, train_loss: 0.1848, step time: 1.0246
Batch 17/248, train_loss: 0.2923, step time: 1.0365
Batch 18/248, train_loss: 0.3167, step time: 1.0276
Batch 19/248, train_loss: 0.1043, step time: 1.0239
Batch 20/248, train_loss: 0.1322, step time: 1.0329
Batch 21/248, train_loss: 0.0651, step time: 1.0349
Batch 22/248, train_loss: 0.5119, step time: 1.0463
Batch 23/248, train_loss: 0.4017, step time: 1.0322
Batch 24/248, train_loss: 0.0981, step time: 1.0342
Batch 25/248, train_loss: 0.0895, step time: 1.0258
Batch 26/248, train_loss: 0.4631, step time: 1.0519
Batch 27/248, train_loss: 0.0796, step time: 1.0451
Batch 28/248, train_loss: 0.1973, step time: 1.0390
Batch 29/248, train_loss: 0.3914, step time: 1.0446
Batch 30/248, train_loss: 0.4843, step time: 1.0402
Batch 31/248, train_loss: 0.3013, step time: 1.0321
Batch 32/248, train_loss: 0.0998, step time: 1.0489
Batch 33/248, train_loss: 0.0819, step time: 1.0273
Batch 34/248, train_loss: 0.0587, step time: 1.0503
Batch 35/248, train_loss: 0.0651, step time: 1.0375
Batch 36/248, train_loss: 0.4604, step time: 1.0310
Batch 37/248, train_loss: 0.1928, step time: 1.0541
Batch 38/248, train_loss: 0.3223, step time: 1.0482
Batch 39/248, train_loss: 0.2004, step time: 1.0297
Batch 40/248, train_loss: 0.9710, step time: 1.0502
Batch 41/248, train_loss: 0.1602, step time: 1.0325
Batch 42/248, train_loss: 0.1025, step time: 1.0363
Batch 43/248, train_loss: 0.0767, step time: 1.0468
Batch 44/248, train_loss: 0.2632, step time: 1.0455
Batch 45/248, train_loss: 0.4501, step time: 1.0494
Batch 46/248, train_loss: 0.1927, step time: 1.0426
Batch 47/248, train_loss: 0.0916, step time: 1.0394
Batch 48/248, train_loss: 0.2320, step time: 1.0477
Batch 49/248, train_loss: 0.5148, step time: 1.0354
Batch 50/248, train_loss: 0.2012, step time: 1.0321
Batch 51/248, train_loss: 0.1783, step time: 1.0468
Batch 52/248, train_loss: 0.1612, step time: 1.0310
Batch 53/248, train_loss: 0.4279, step time: 1.0355
Batch 54/248, train_loss: 0.2981, step time: 1.0289
Batch 55/248, train_loss: 0.2917, step time: 1.0405
Batch 56/248, train_loss: 0.2594, step time: 1.0358
Batch 57/248, train_loss: 0.3290, step time: 1.0332
Batch 58/248, train_loss: 0.0899, step time: 1.0354
Batch 59/248, train_loss: 0.1234, step time: 1.0355
Batch 60/248, train_loss: 0.0891, step time: 1.0297
Batch 61/248, train_loss: 0.1105, step time: 1.0490
Batch 62/248, train_loss: 0.2755, step time: 1.0463
Batch 63/248, train_loss: 0.5283, step time: 1.0269
Batch 64/248, train_loss: 0.4166, step time: 1.0227
Batch 65/248, train_loss: 0.2822, step time: 1.0267
Batch 66/248, train_loss: 0.1556, step time: 1.0413
Batch 67/248, train_loss: 0.1080, step time: 1.0455
Batch 68/248, train_loss: 0.1212, step time: 1.0263
Batch 69/248, train_loss: 0.4412, step time: 1.0388
Batch 70/248, train_loss: 0.1970, step time: 1.0249
Batch 71/248, train_loss: 0.1683, step time: 1.0446
Batch 72/248, train_loss: 0.0705, step time: 1.0521
Batch 73/248, train_loss: 0.1980, step time: 1.0300
Batch 74/248, train_loss: 0.9864, step time: 1.0343
Batch 75/248, train_loss: 0.1886, step time: 1.0574
Batch 76/248, train_loss: 0.6085, step time: 1.0386
Batch 77/248, train_loss: 0.7718, step time: 1.0525

Batch 78/248, train_loss: 0.1612, step time: 1.0479
Batch 79/248, train_loss: 0.1558, step time: 1.0400
Batch 80/248, train_loss: 0.2239, step time: 1.0458
Batch 81/248, train_loss: 0.2399, step time: 1.0377
Batch 82/248, train_loss: 0.1413, step time: 1.0439
Batch 83/248, train_loss: 0.6406, step time: 1.0346
Batch 84/248, train_loss: 0.2687, step time: 1.0507
Batch 85/248, train_loss: 0.4053, step time: 1.0448
Batch 86/248, train_loss: 0.4154, step time: 1.0347
Batch 87/248, train_loss: 0.5595, step time: 1.0448
Batch 88/248, train_loss: 0.3819, step time: 1.0249
Batch 89/248, train_loss: 0.1028, step time: 1.0308
Batch 90/248, train_loss: 0.1948, step time: 1.0314
Batch 91/248, train_loss: 0.3716, step time: 1.0335
Batch 92/248, train_loss: 0.2683, step time: 1.0519
Batch 93/248, train_loss: 0.1754, step time: 1.0424
Batch 94/248, train_loss: 0.3555, step time: 1.0273
Batch 95/248, train_loss: 0.1778, step time: 1.0416
Batch 96/248, train_loss: 0.2282, step time: 1.0440
Batch 97/248, train_loss: 0.5209, step time: 1.0241
Batch 98/248, train_loss: 0.1299, step time: 1.0226
Batch 99/248, train_loss: 0.3904, step time: 1.0520
Batch 100/248, train_loss: 0.3345, step time: 1.0351
Batch 101/248, train_loss: 0.0713, step time: 1.0444
Batch 102/248, train_loss: 0.1242, step time: 1.0229
Batch 103/248, train_loss: 0.3076, step time: 1.0248
Batch 104/248, train_loss: 0.3442, step time: 1.0244
Batch 105/248, train_loss: 0.0886, step time: 1.0310
Batch 106/248, train_loss: 0.1546, step time: 1.0470
Batch 107/248, train_loss: 0.2720, step time: 1.0329
Batch 108/248, train_loss: 0.5733, step time: 1.0239
Batch 109/248, train_loss: 0.3243, step time: 1.0505
Batch 110/248, train_loss: 0.3548, step time: 1.0263
Batch 111/248, train_loss: 0.1108, step time: 1.0403
Batch 112/248, train_loss: 0.1639, step time: 1.0528
Batch 113/248, train_loss: 0.9901, step time: 1.0329
Batch 114/248, train_loss: 0.1891, step time: 1.0241
Batch 115/248, train_loss: 0.1620, step time: 1.0328
Batch 116/248, train_loss: 0.0815, step time: 1.0426
Batch 117/248, train_loss: 0.7235, step time: 1.0341
Batch 118/248, train_loss: 0.3397, step time: 1.0409
Batch 119/248, train_loss: 0.2987, step time: 1.0320
Batch 120/248, train_loss: 0.2528, step time: 1.0442
Batch 121/248, train_loss: 0.4479, step time: 1.0346
Batch 122/248, train_loss: 0.4412, step time: 1.0348
Batch 123/248, train_loss: 0.0752, step time: 1.0271
Batch 124/248, train_loss: 0.3113, step time: 1.0443
Batch 125/248, train_loss: 0.4897, step time: 1.0548
Batch 126/248, train_loss: 0.2355, step time: 1.0385
Batch 127/248, train_loss: 0.1681, step time: 1.0404
Batch 128/248, train_loss: 0.6087, step time: 1.0297
Batch 129/248, train_loss: 0.1307, step time: 1.0229
Batch 130/248, train_loss: 0.1152, step time: 1.0357
Batch 131/248, train_loss: 0.4456, step time: 1.0265
Batch 132/248, train_loss: 0.2007, step time: 1.0471
Batch 133/248, train_loss: 0.1374, step time: 1.0338
Batch 134/248, train_loss: 0.6266, step time: 1.0394
Batch 135/248, train_loss: 0.2501, step time: 1.0494
Batch 136/248, train_loss: 0.1374, step time: 1.0342
Batch 137/248, train_loss: 0.1390, step time: 1.0457
Batch 138/248, train_loss: 0.0761, step time: 1.0263
Batch 139/248, train_loss: 0.1909, step time: 1.0335
Batch 140/248, train_loss: 0.2248, step time: 1.0454
Batch 141/248, train_loss: 0.1789, step time: 1.0225
Batch 142/248, train_loss: 0.5520, step time: 1.0365
Batch 143/248, train_loss: 0.2789, step time: 1.0353
Batch 144/248, train_loss: 0.1470, step time: 1.0320
Batch 145/248, train_loss: 0.0694, step time: 1.0394
Batch 146/248, train_loss: 0.4207, step time: 1.0299
Batch 147/248, train_loss: 0.0582, step time: 1.0255
Batch 148/248, train_loss: 0.5167, step time: 1.0378
Batch 149/248, train_loss: 0.1816, step time: 1.0426
Batch 150/248, train_loss: 0.5801, step time: 1.0517
Batch 151/248, train_loss: 0.2907, step time: 1.0493
Batch 152/248, train_loss: 0.0503, step time: 1.0285
Batch 153/248, train_loss: 0.2761, step time: 1.0232
Batch 154/248, train_loss: 0.5150, step time: 1.0267
Batch 155/248, train_loss: 0.1449, step time: 1.0424
Batch 156/248, train_loss: 0.1754, step time: 1.0386
Batch 157/248, train_loss: 0.3789, step time: 1.0446
Batch 158/248, train_loss: 0.9988, step time: 1.0465
Batch 159/248, train_loss: 0.4120, step time: 1.0546
Batch 160/248, train_loss: 0.1151, step time: 1.0195
Batch 161/248, train_loss: 0.0757, step time: 1.0197
Batch 162/248, train_loss: 0.0847, step time: 1.0422

Batch 163/248, train_loss: 0.3191, step time: 1.0275
Batch 164/248, train_loss: 0.1646, step time: 1.0202
Batch 165/248, train_loss: 0.5368, step time: 1.0522
Batch 166/248, train_loss: 0.1135, step time: 1.0470
Batch 167/248, train_loss: 0.2468, step time: 1.0408
Batch 168/248, train_loss: 0.1980, step time: 1.0228
Batch 169/248, train_loss: 0.1541, step time: 1.0266
Batch 170/248, train_loss: 0.6711, step time: 1.0265
Batch 171/248, train_loss: 0.0989, step time: 1.0487
Batch 172/248, train_loss: 0.5505, step time: 1.1937
Batch 173/248, train_loss: 0.0874, step time: 1.0380
Batch 174/248, train_loss: 0.7591, step time: 1.0283
Batch 175/248, train_loss: 0.1712, step time: 1.0489
Batch 176/248, train_loss: 0.4179, step time: 1.0468
Batch 177/248, train_loss: 0.2793, step time: 1.0478
Batch 178/248, train_loss: 0.1841, step time: 1.0427
Batch 179/248, train_loss: 0.1139, step time: 1.0402
Batch 180/248, train_loss: 0.3996, step time: 1.0467
Batch 181/248, train_loss: 0.1198, step time: 1.0401
Batch 182/248, train_loss: 0.9035, step time: 1.0378
Batch 183/248, train_loss: 0.1647, step time: 1.0387
Batch 184/248, train_loss: 0.2213, step time: 1.0480
Batch 185/248, train_loss: 0.1377, step time: 1.0382
Batch 186/248, train_loss: 0.1057, step time: 1.0232
Batch 187/248, train_loss: 0.2239, step time: 1.0486
Batch 188/248, train_loss: 0.2249, step time: 1.0243
Batch 189/248, train_loss: 0.4903, step time: 1.0407
Batch 190/248, train_loss: 0.1650, step time: 1.0229
Batch 191/248, train_loss: 0.6787, step time: 1.0285
Batch 192/248, train_loss: 0.2264, step time: 1.0414
Batch 193/248, train_loss: 0.2833, step time: 1.0330
Batch 194/248, train_loss: 0.1000, step time: 1.0185
Batch 195/248, train_loss: 0.6235, step time: 1.0167
Batch 196/248, train_loss: 0.9979, step time: 1.0389
Batch 197/248, train_loss: 0.2445, step time: 1.0369
Batch 198/248, train_loss: 0.9986, step time: 1.0468
Batch 199/248, train_loss: 0.1646, step time: 1.0410
Batch 200/248, train_loss: 0.1879, step time: 1.0308
Batch 201/248, train_loss: 0.1426, step time: 1.0296
Batch 202/248, train_loss: 0.4802, step time: 1.0285
Batch 203/248, train_loss: 0.4901, step time: 1.0327
Batch 204/248, train_loss: 0.1237, step time: 1.0190
Batch 205/248, train_loss: 0.3395, step time: 1.0422
Batch 206/248, train_loss: 0.3954, step time: 1.0362
Batch 207/248, train_loss: 0.1051, step time: 1.0433
Batch 208/248, train_loss: 0.1665, step time: 1.0206
Batch 209/248, train_loss: 0.1458, step time: 1.0303
Batch 210/248, train_loss: 0.0726, step time: 1.0212
Batch 211/248, train_loss: 0.0963, step time: 1.0409
Batch 212/248, train_loss: 0.2822, step time: 1.0228
Batch 213/248, train_loss: 0.2087, step time: 1.0349
Batch 214/248, train_loss: 0.1120, step time: 1.0513
Batch 215/248, train_loss: 0.2695, step time: 1.0407
Batch 216/248, train_loss: 0.2154, step time: 1.0291
Batch 217/248, train_loss: 0.2962, step time: 1.0447
Batch 218/248, train_loss: 0.7367, step time: 1.0259
Batch 219/248, train_loss: 0.0950, step time: 1.0420
Batch 220/248, train_loss: 0.2667, step time: 1.0444
Batch 221/248, train_loss: 0.2920, step time: 1.0391
Batch 222/248, train_loss: 0.2459, step time: 1.0223
Batch 223/248, train_loss: 0.0629, step time: 1.0312
Batch 224/248, train_loss: 0.1101, step time: 1.0268
Batch 225/248, train_loss: 0.2150, step time: 1.0236
Batch 226/248, train_loss: 0.1557, step time: 1.0307
Batch 227/248, train_loss: 0.1419, step time: 1.0208
Batch 228/248, train_loss: 0.1729, step time: 1.0239
Batch 229/248, train_loss: 0.1306, step time: 1.0426
Batch 230/248, train_loss: 0.0838, step time: 1.0460
Batch 231/248, train_loss: 0.3951, step time: 1.0379
Batch 232/248, train_loss: 0.1019, step time: 1.0289
Batch 233/248, train_loss: 0.9498, step time: 1.0323
Batch 234/248, train_loss: 0.4692, step time: 1.0508
Batch 235/248, train_loss: 0.3080, step time: 1.0499
Batch 236/248, train_loss: 0.7976, step time: 1.0506
Batch 237/248, train_loss: 0.1759, step time: 1.0318
Batch 238/248, train_loss: 0.1139, step time: 1.0261
Batch 239/248, train_loss: 0.0803, step time: 1.0434
Batch 240/248, train_loss: 0.3480, step time: 1.0356
Batch 241/248, train_loss: 0.8333, step time: 1.0457
Batch 242/248, train_loss: 0.2022, step time: 1.0293
Batch 243/248, train_loss: 0.5170, step time: 1.0549
Batch 244/248, train_loss: 0.4412, step time: 1.0482
Batch 245/248, train_loss: 0.1207, step time: 1.0396
Batch 246/248, train_loss: 0.5662, step time: 1.0297
Batch 247/248, train_loss: 0.0894, step time: 1.0431

Batch 248/248, train_loss: 0.9996, step time: 1.0253

Labels



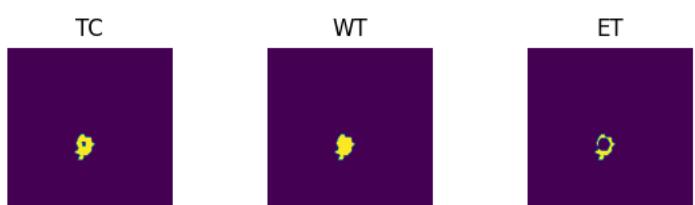
Predictions



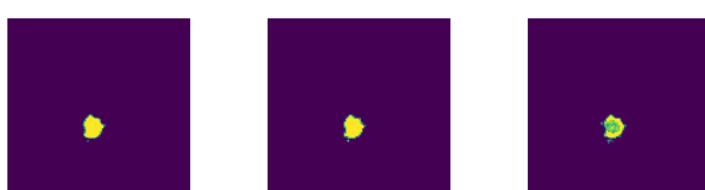
VAL

Batch 1/31, val_loss: 0.8343
Batch 2/31, val_loss: 0.9799
Batch 3/31, val_loss: 0.9685
Batch 4/31, val_loss: 0.9508
Batch 5/31, val_loss: 0.9910
Batch 6/31, val_loss: 0.6861
Batch 7/31, val_loss: 0.8252
Batch 8/31, val_loss: 0.9669
Batch 9/31, val_loss: 0.6914
Batch 10/31, val_loss: 0.9350
Batch 11/31, val_loss: 0.8082
Batch 12/31, val_loss: 0.9673
Batch 13/31, val_loss: 0.9538
Batch 14/31, val_loss: 0.9448
Batch 15/31, val_loss: 0.9923
Batch 16/31, val_loss: 0.9592
Batch 17/31, val_loss: 0.9618
Batch 18/31, val_loss: 0.9334
Batch 19/31, val_loss: 0.7576
Batch 20/31, val_loss: 0.8520
Batch 21/31, val_loss: 0.9500
Batch 22/31, val_loss: 0.9808
Batch 23/31, val_loss: 0.9653
Batch 24/31, val_loss: 0.7400
Batch 25/31, val_loss: 0.7993
Batch 26/31, val_loss: 0.9146
Batch 27/31, val_loss: 0.9869
Batch 28/31, val_loss: 0.7539
Batch 29/31, val_loss: 0.9860
Batch 30/31, val_loss: 0.9737
Batch 31/31, val_loss: 0.9677

Labels



Predictions



epoch 62

average train loss: 0.2965
average validation loss: 0.9025
saved as best model: True
current mean dice: 0.5336

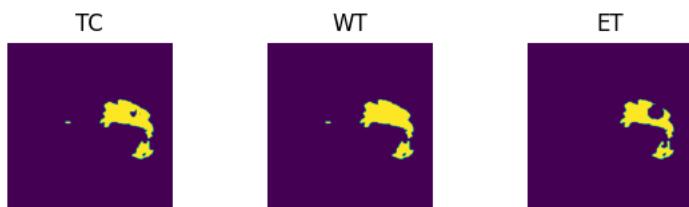
```
current TC dice: 0.5749
current WT dice: 0.5740
current ET dice: 0.4866
Best Mean Metric: 0.5336
time consuming of epoch 62 is: 1612.1345
-----
epoch 63/100
TRAIN
Batch 1/248, train_loss: 0.1097, step time: 1.0375
Batch 2/248, train_loss: 0.7277, step time: 1.0613
Batch 3/248, train_loss: 0.3358, step time: 1.0444
Batch 4/248, train_loss: 0.9973, step time: 1.0230
Batch 5/248, train_loss: 0.2152, step time: 1.0366
Batch 6/248, train_loss: 0.2126, step time: 1.0250
Batch 7/248, train_loss: 0.0768, step time: 1.0446
Batch 8/248, train_loss: 0.6123, step time: 1.0352
Batch 9/248, train_loss: 0.0532, step time: 1.0361
Batch 10/248, train_loss: 0.2889, step time: 1.0239
Batch 11/248, train_loss: 0.2436, step time: 1.0262
Batch 12/248, train_loss: 0.3694, step time: 1.0301
Batch 13/248, train_loss: 0.2956, step time: 1.0249
Batch 14/248, train_loss: 0.0635, step time: 1.0344
Batch 15/248, train_loss: 0.3953, step time: 1.0408
Batch 16/248, train_loss: 0.1853, step time: 1.0325
Batch 17/248, train_loss: 0.2852, step time: 1.0521
Batch 18/248, train_loss: 0.2824, step time: 1.0372
Batch 19/248, train_loss: 0.1167, step time: 1.0337
Batch 20/248, train_loss: 0.1877, step time: 1.0458
Batch 21/248, train_loss: 0.0853, step time: 1.0222
Batch 22/248, train_loss: 0.4442, step time: 1.0356
Batch 23/248, train_loss: 0.7298, step time: 1.0286
Batch 24/248, train_loss: 0.1001, step time: 1.0407
Batch 25/248, train_loss: 0.0882, step time: 1.0367
Batch 26/248, train_loss: 0.4338, step time: 1.0464
Batch 27/248, train_loss: 0.0818, step time: 1.0352
Batch 28/248, train_loss: 0.1751, step time: 1.0547
Batch 29/248, train_loss: 0.3938, step time: 1.0418
Batch 30/248, train_loss: 0.4979, step time: 1.0259
Batch 31/248, train_loss: 0.3212, step time: 1.0367
Batch 32/248, train_loss: 0.1011, step time: 1.0447
Batch 33/248, train_loss: 0.0825, step time: 1.0418
Batch 34/248, train_loss: 0.0541, step time: 1.0382
Batch 35/248, train_loss: 0.0628, step time: 1.0405
Batch 36/248, train_loss: 0.4099, step time: 1.0465
Batch 37/248, train_loss: 0.2293, step time: 1.0245
Batch 38/248, train_loss: 0.3169, step time: 1.0355
Batch 39/248, train_loss: 0.1922, step time: 1.0476
Batch 40/248, train_loss: 0.9937, step time: 1.0443
Batch 41/248, train_loss: 0.2007, step time: 1.0297
Batch 42/248, train_loss: 0.0924, step time: 1.0404
Batch 43/248, train_loss: 0.0679, step time: 1.0298
Batch 44/248, train_loss: 0.2397, step time: 1.0286
Batch 45/248, train_loss: 0.5525, step time: 1.0258
Batch 46/248, train_loss: 0.1765, step time: 1.0504
Batch 47/248, train_loss: 0.0872, step time: 1.0337
Batch 48/248, train_loss: 0.2235, step time: 1.0282
Batch 49/248, train_loss: 0.4037, step time: 1.0257
Batch 50/248, train_loss: 0.1995, step time: 1.0566
Batch 51/248, train_loss: 0.1609, step time: 1.0338
Batch 52/248, train_loss: 0.1760, step time: 1.0296
Batch 53/248, train_loss: 0.4478, step time: 1.0511
Batch 54/248, train_loss: 0.3052, step time: 1.0269
Batch 55/248, train_loss: 0.2777, step time: 1.0391
Batch 56/248, train_loss: 0.2024, step time: 1.0523
Batch 57/248, train_loss: 0.3632, step time: 1.0219
Batch 58/248, train_loss: 0.0951, step time: 1.0327
Batch 59/248, train_loss: 0.1052, step time: 1.0323
Batch 60/248, train_loss: 0.0847, step time: 1.0420
Batch 61/248, train_loss: 0.1070, step time: 1.0288
Batch 62/248, train_loss: 0.2764, step time: 1.0493
Batch 63/248, train_loss: 0.4618, step time: 1.0261
Batch 64/248, train_loss: 0.4193, step time: 1.0480
Batch 65/248, train_loss: 0.2940, step time: 1.0445
Batch 66/248, train_loss: 0.1643, step time: 1.0265
Batch 67/248, train_loss: 0.1039, step time: 1.0422
Batch 68/248, train_loss: 0.1175, step time: 1.0339
Batch 69/248, train_loss: 0.4243, step time: 1.0482
Batch 70/248, train_loss: 0.1887, step time: 1.0329
Batch 71/248, train_loss: 0.1427, step time: 1.0468
Batch 72/248, train_loss: 0.0681, step time: 1.0397
Batch 73/248, train_loss: 0.1473, step time: 1.0364
Batch 74/248, train_loss: 0.9942, step time: 1.0329
Batch 75/248, train_loss: 0.1755, step time: 1.0455
Batch 76/248, train_loss: 0.5981, step time: 1.0399
Batch 77/248, train_loss: 0.7203, step time: 1.0325
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Batch 78/248, train_loss: 0.1204, step time: 1.0307
Batch 79/248, train_loss: 0.1373, step time: 1.0249
Batch 80/248, train_loss: 0.1988, step time: 1.0568
Batch 81/248, train_loss: 0.2036, step time: 1.0458
Batch 82/248, train_loss: 0.1354, step time: 1.0227
Batch 83/248, train_loss: 0.6432, step time: 1.0281
Batch 84/248, train_loss: 0.2645, step time: 1.0295
Batch 85/248, train_loss: 0.4390, step time: 1.0499
Batch 86/248, train_loss: 0.2872, step time: 1.0308
Batch 87/248, train_loss: 0.5082, step time: 1.0362
Batch 88/248, train_loss: 0.3693, step time: 1.0438
Batch 89/248, train_loss: 0.0931, step time: 1.0312
Batch 90/248, train_loss: 0.2295, step time: 1.0326
Batch 91/248, train_loss: 0.3679, step time: 1.0357
Batch 92/248, train_loss: 0.4026, step time: 1.0232
Batch 93/248, train_loss: 0.1678, step time: 1.0526
Batch 94/248, train_loss: 0.3629, step time: 1.0403
Batch 95/248, train_loss: 0.1921, step time: 1.0457
Batch 96/248, train_loss: 0.2173, step time: 1.0466
Batch 97/248, train_loss: 0.3671, step time: 1.0331
Batch 98/248, train_loss: 0.1237, step time: 1.0312
Batch 99/248, train_loss: 0.3151, step time: 1.0504
Batch 100/248, train_loss: 0.2801, step time: 1.0305
Batch 101/248, train_loss: 0.0647, step time: 1.0320
Batch 102/248, train_loss: 0.1198, step time: 1.0212
Batch 103/248, train_loss: 0.3219, step time: 1.0342
Batch 104/248, train_loss: 0.3303, step time: 1.0309
Batch 105/248, train_loss: 0.0931, step time: 1.0398
Batch 106/248, train_loss: 0.1470, step time: 1.0332
Batch 107/248, train_loss: 0.2516, step time: 1.0493
Batch 108/248, train_loss: 0.5816, step time: 1.0299
Batch 109/248, train_loss: 0.3973, step time: 1.0481
Batch 110/248, train_loss: 0.6973, step time: 1.0413
Batch 111/248, train_loss: 0.1178, step time: 1.0418
Batch 112/248, train_loss: 0.1346, step time: 1.0474
Batch 113/248, train_loss: 0.9913, step time: 1.0470
Batch 114/248, train_loss: 0.1725, step time: 1.0408
Batch 115/248, train_loss: 0.2315, step time: 1.0444
Batch 116/248, train_loss: 0.0871, step time: 1.0407
Batch 117/248, train_loss: 0.8022, step time: 1.0535
Batch 118/248, train_loss: 0.2562, step time: 1.0477
Batch 119/248, train_loss: 0.3202, step time: 1.0450
Batch 120/248, train_loss: 0.2414, step time: 1.0298
Batch 121/248, train_loss: 0.3655, step time: 1.0305
Batch 122/248, train_loss: 0.4381, step time: 1.0497
Batch 123/248, train_loss: 0.0725, step time: 1.0230
Batch 124/248, train_loss: 0.3327, step time: 1.0368
Batch 125/248, train_loss: 0.5026, step time: 1.0350
Batch 126/248, train_loss: 0.1906, step time: 1.0452
Batch 127/248, train_loss: 0.1444, step time: 1.0489
Batch 128/248, train_loss: 0.1686, step time: 1.0419
Batch 129/248, train_loss: 0.1394, step time: 1.0526
Batch 130/248, train_loss: 0.1230, step time: 1.0293
Batch 131/248, train_loss: 0.3984, step time: 1.0389
Batch 132/248, train_loss: 0.1992, step time: 1.0288
Batch 133/248, train_loss: 0.1427, step time: 1.0306
Batch 134/248, train_loss: 0.6134, step time: 1.0510
Batch 135/248, train_loss: 0.2526, step time: 1.0455
Batch 136/248, train_loss: 0.1333, step time: 1.0367
Batch 137/248, train_loss: 0.1392, step time: 1.0506
Batch 138/248, train_loss: 0.0803, step time: 1.0244
Batch 139/248, train_loss: 0.1856, step time: 1.0210
Batch 140/248, train_loss: 0.1665, step time: 1.0297
Batch 141/248, train_loss: 0.1950, step time: 1.0298
Batch 142/248, train_loss: 0.5799, step time: 1.0290
Batch 143/248, train_loss: 0.2824, step time: 1.0310
Batch 144/248, train_loss: 0.1466, step time: 1.0338
Batch 145/248, train_loss: 0.0683, step time: 1.0286
Batch 146/248, train_loss: 0.4298, step time: 1.0492
Batch 147/248, train_loss: 0.0576, step time: 1.0469
Batch 148/248, train_loss: 0.5280, step time: 1.0413
Batch 149/248, train_loss: 0.1769, step time: 1.0461
Batch 150/248, train_loss: 0.6104, step time: 1.0297
Batch 151/248, train_loss: 0.3315, step time: 1.0297
Batch 152/248, train_loss: 0.0511, step time: 1.0346
Batch 153/248, train_loss: 0.1955, step time: 1.0428
Batch 154/248, train_loss: 0.5350, step time: 1.0266
Batch 155/248, train_loss: 0.1498, step time: 1.0385
Batch 156/248, train_loss: 0.1838, step time: 1.0463
Batch 157/248, train_loss: 0.3472, step time: 1.0934
Batch 158/248, train_loss: 0.9965, step time: 1.0503
Batch 159/248, train_loss: 0.3969, step time: 1.0271
Batch 160/248, train_loss: 0.1065, step time: 1.0266
Batch 161/248, train_loss: 0.0756, step time: 1.0428
Batch 162/248, train_loss: 0.0867, step time: 1.0369

Batch 163/248, train_loss: 0.1499, step time: 1.0464
Batch 164/248, train_loss: 0.1615, step time: 1.0461
Batch 165/248, train_loss: 0.5452, step time: 1.0389
Batch 166/248, train_loss: 0.1057, step time: 1.0450
Batch 167/248, train_loss: 0.2255, step time: 1.0471
Batch 168/248, train_loss: 0.1853, step time: 1.0363
Batch 169/248, train_loss: 0.1634, step time: 1.0246
Batch 170/248, train_loss: 0.4682, step time: 1.0265
Batch 171/248, train_loss: 0.1011, step time: 1.0357
Batch 172/248, train_loss: 0.4792, step time: 1.0368
Batch 173/248, train_loss: 0.0869, step time: 1.0517
Batch 174/248, train_loss: 0.7522, step time: 1.0465
Batch 175/248, train_loss: 0.1501, step time: 1.0468
Batch 176/248, train_loss: 0.4039, step time: 1.0407
Batch 177/248, train_loss: 0.2637, step time: 1.0447
Batch 178/248, train_loss: 0.1818, step time: 1.0532
Batch 179/248, train_loss: 0.1061, step time: 1.0424
Batch 180/248, train_loss: 0.3861, step time: 1.0371
Batch 181/248, train_loss: 0.1204, step time: 1.0333
Batch 182/248, train_loss: 0.8587, step time: 1.0571
Batch 183/248, train_loss: 0.1734, step time: 1.0422
Batch 184/248, train_loss: 0.1800, step time: 1.0342
Batch 185/248, train_loss: 0.1259, step time: 1.0489
Batch 186/248, train_loss: 0.1027, step time: 1.0273
Batch 187/248, train_loss: 0.2121, step time: 1.0377
Batch 188/248, train_loss: 0.2186, step time: 1.0342
Batch 189/248, train_loss: 0.5088, step time: 1.0318
Batch 190/248, train_loss: 0.1612, step time: 1.0445
Batch 191/248, train_loss: 0.6375, step time: 1.0489
Batch 192/248, train_loss: 0.2127, step time: 1.0502
Batch 193/248, train_loss: 0.2929, step time: 1.0445
Batch 194/248, train_loss: 0.0995, step time: 1.0432
Batch 195/248, train_loss: 0.6216, step time: 1.0213
Batch 196/248, train_loss: 1.0000, step time: 1.0313
Batch 197/248, train_loss: 0.2215, step time: 1.0339
Batch 198/248, train_loss: 0.8653, step time: 1.0526
Batch 199/248, train_loss: 0.1635, step time: 1.0378
Batch 200/248, train_loss: 0.1675, step time: 1.0332
Batch 201/248, train_loss: 0.1395, step time: 1.0377
Batch 202/248, train_loss: 0.4208, step time: 1.0341
Batch 203/248, train_loss: 0.4125, step time: 1.0457
Batch 204/248, train_loss: 0.1386, step time: 1.0489
Batch 205/248, train_loss: 0.3334, step time: 1.0463
Batch 206/248, train_loss: 0.2957, step time: 1.0491
Batch 207/248, train_loss: 0.0983, step time: 1.0357
Batch 208/248, train_loss: 0.1708, step time: 1.0318
Batch 209/248, train_loss: 0.1460, step time: 1.0356
Batch 210/248, train_loss: 0.0786, step time: 1.0524
Batch 211/248, train_loss: 0.0989, step time: 1.0363
Batch 212/248, train_loss: 0.2221, step time: 1.0295
Batch 213/248, train_loss: 0.1997, step time: 1.0231
Batch 214/248, train_loss: 0.1133, step time: 1.0468
Batch 215/248, train_loss: 0.2788, step time: 1.0430
Batch 216/248, train_loss: 0.2085, step time: 1.0299
Batch 217/248, train_loss: 0.2912, step time: 1.0445
Batch 218/248, train_loss: 0.7519, step time: 1.0264
Batch 219/248, train_loss: 0.0955, step time: 1.0380
Batch 220/248, train_loss: 0.2513, step time: 1.0452
Batch 221/248, train_loss: 0.2950, step time: 1.0244
Batch 222/248, train_loss: 0.2463, step time: 1.0241
Batch 223/248, train_loss: 0.0647, step time: 1.0469
Batch 224/248, train_loss: 0.1000, step time: 1.0292
Batch 225/248, train_loss: 0.2208, step time: 1.0263
Batch 226/248, train_loss: 0.1462, step time: 1.0284
Batch 227/248, train_loss: 0.1378, step time: 1.0431
Batch 228/248, train_loss: 0.1810, step time: 1.0492
Batch 229/248, train_loss: 0.1213, step time: 1.0376
Batch 230/248, train_loss: 0.0886, step time: 1.0572
Batch 231/248, train_loss: 0.3460, step time: 1.0450
Batch 232/248, train_loss: 0.0843, step time: 1.0501
Batch 233/248, train_loss: 0.9130, step time: 1.0424
Batch 234/248, train_loss: 0.4586, step time: 1.0397
Batch 235/248, train_loss: 0.3194, step time: 1.0373
Batch 236/248, train_loss: 0.7759, step time: 1.0483
Batch 237/248, train_loss: 0.1726, step time: 1.0299
Batch 238/248, train_loss: 0.1157, step time: 1.0405
Batch 239/248, train_loss: 0.0686, step time: 1.0229
Batch 240/248, train_loss: 0.3068, step time: 1.0381
Batch 241/248, train_loss: 0.7212, step time: 1.0335
Batch 242/248, train_loss: 0.2032, step time: 1.0343
Batch 243/248, train_loss: 0.4819, step time: 1.0256
Batch 244/248, train_loss: 0.3972, step time: 1.0496
Batch 245/248, train_loss: 0.1105, step time: 1.0497
Batch 246/248, train_loss: 0.6037, step time: 1.0221
Batch 247/248, train_loss: 0.2852, step time: 1.0428

Batch 247/248, train_loss: 0.9995, step time: 1.0415

Labels



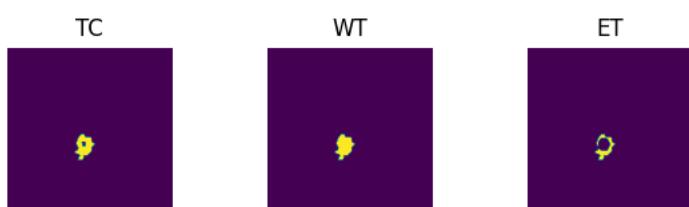
Predictions



VAL

Batch 1/31, val_loss: 0.8452
Batch 2/31, val_loss: 0.9870
Batch 3/31, val_loss: 0.9705
Batch 4/31, val_loss: 0.9515
Batch 5/31, val_loss: 0.9923
Batch 6/31, val_loss: 0.6868
Batch 7/31, val_loss: 0.8324
Batch 8/31, val_loss: 0.9652
Batch 9/31, val_loss: 0.6931
Batch 10/31, val_loss: 0.9509
Batch 11/31, val_loss: 0.8145
Batch 12/31, val_loss: 0.9681
Batch 13/31, val_loss: 0.9562
Batch 14/31, val_loss: 0.9472
Batch 15/31, val_loss: 0.9930
Batch 16/31, val_loss: 0.9645
Batch 17/31, val_loss: 0.9674
Batch 18/31, val_loss: 0.9352
Batch 19/31, val_loss: 0.7585
Batch 20/31, val_loss: 0.8526
Batch 21/31, val_loss: 0.9500
Batch 22/31, val_loss: 0.9842
Batch 23/31, val_loss: 0.9676
Batch 24/31, val_loss: 0.7414
Batch 25/31, val_loss: 0.8041
Batch 26/31, val_loss: 0.9194
Batch 27/31, val_loss: 0.9821
Batch 28/31, val_loss: 0.7515
Batch 29/31, val_loss: 0.9869
Batch 30/31, val_loss: 0.9688
Batch 31/31, val_loss: 0.9687

Labels



Predictions



epoch 63

average train loss: 0.2871
average validation loss: 0.9051
saved as best model: False
current mean dice: 0.5328

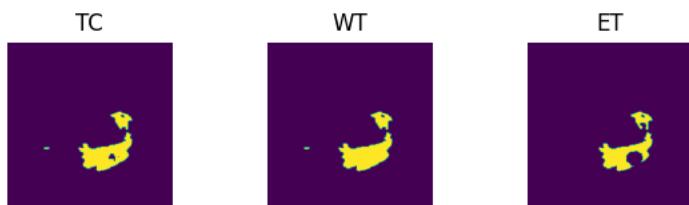
```
current TC dice: 0.5754
current WT dice: 0.5755
current ET dice: 0.4813
Best Mean Metric: 0.5336
time consuming of epoch 63 is: 1621.1411
-----
epoch 64/100
TRAIN
Batch 1/248, train_loss: 0.0983, step time: 1.0528
Batch 2/248, train_loss: 0.6112, step time: 1.0526
Batch 3/248, train_loss: 0.3403, step time: 1.0289
Batch 4/248, train_loss: 0.9378, step time: 1.0498
Batch 5/248, train_loss: 0.2058, step time: 1.0511
Batch 6/248, train_loss: 0.2006, step time: 1.0473
Batch 7/248, train_loss: 0.0779, step time: 1.0485
Batch 8/248, train_loss: 0.5683, step time: 1.0356
Batch 9/248, train_loss: 0.0513, step time: 1.0263
Batch 10/248, train_loss: 0.2854, step time: 1.0300
Batch 11/248, train_loss: 0.2549, step time: 1.0486
Batch 12/248, train_loss: 0.3881, step time: 1.0283
Batch 13/248, train_loss: 0.2857, step time: 1.0300
Batch 14/248, train_loss: 0.0752, step time: 1.0457
Batch 15/248, train_loss: 0.3900, step time: 1.0317
Batch 16/248, train_loss: 0.1888, step time: 1.0540
Batch 17/248, train_loss: 0.2778, step time: 1.0314
Batch 18/248, train_loss: 0.2903, step time: 1.0458
Batch 19/248, train_loss: 0.1612, step time: 1.0294
Batch 20/248, train_loss: 0.1254, step time: 1.0426
Batch 21/248, train_loss: 0.0619, step time: 1.0360
Batch 22/248, train_loss: 0.4339, step time: 1.0294
Batch 23/248, train_loss: 0.3573, step time: 1.0360
Batch 24/248, train_loss: 0.1081, step time: 1.0218
Batch 25/248, train_loss: 0.0922, step time: 1.0491
Batch 26/248, train_loss: 0.4223, step time: 1.0362
Batch 27/248, train_loss: 0.0869, step time: 1.0433
Batch 28/248, train_loss: 0.1813, step time: 1.0323
Batch 29/248, train_loss: 0.4305, step time: 1.0407
Batch 30/248, train_loss: 0.4478, step time: 1.0471
Batch 31/248, train_loss: 0.2961, step time: 1.0293
Batch 32/248, train_loss: 0.1075, step time: 1.0277
Batch 33/248, train_loss: 0.0834, step time: 1.0349
Batch 34/248, train_loss: 0.0522, step time: 1.0402
Batch 35/248, train_loss: 0.0663, step time: 1.0422
Batch 36/248, train_loss: 0.4729, step time: 1.0312
Batch 37/248, train_loss: 0.2070, step time: 1.0337
Batch 38/248, train_loss: 0.3142, step time: 1.0355
Batch 39/248, train_loss: 0.2155, step time: 1.0292
Batch 40/248, train_loss: 0.9806, step time: 1.0297
Batch 41/248, train_loss: 0.1827, step time: 1.0543
Batch 42/248, train_loss: 0.0830, step time: 1.0397
Batch 43/248, train_loss: 0.0641, step time: 1.0415
Batch 44/248, train_loss: 0.2331, step time: 1.0259
Batch 45/248, train_loss: 0.4680, step time: 1.0377
Batch 46/248, train_loss: 0.1924, step time: 1.0473
Batch 47/248, train_loss: 0.0911, step time: 1.0384
Batch 48/248, train_loss: 0.2053, step time: 1.0237
Batch 49/248, train_loss: 0.4085, step time: 1.0352
Batch 50/248, train_loss: 0.1959, step time: 1.0252
Batch 51/248, train_loss: 0.1706, step time: 1.0358
Batch 52/248, train_loss: 0.1650, step time: 1.0251
Batch 53/248, train_loss: 0.4403, step time: 1.0398
Batch 54/248, train_loss: 0.2958, step time: 1.0453
Batch 55/248, train_loss: 0.2894, step time: 1.0288
Batch 56/248, train_loss: 0.2101, step time: 1.0351
Batch 57/248, train_loss: 0.3418, step time: 1.0213
Batch 58/248, train_loss: 0.0891, step time: 1.0310
Batch 59/248, train_loss: 0.1058, step time: 1.0218
Batch 60/248, train_loss: 0.0839, step time: 1.0443
Batch 61/248, train_loss: 0.1097, step time: 1.0445
Batch 62/248, train_loss: 0.2526, step time: 1.0412
Batch 63/248, train_loss: 0.4479, step time: 1.0307
Batch 64/248, train_loss: 0.3899, step time: 1.0229
Batch 65/248, train_loss: 0.2774, step time: 1.0363
Batch 66/248, train_loss: 0.1478, step time: 1.0270
Batch 67/248, train_loss: 0.1044, step time: 1.0217
Batch 68/248, train_loss: 0.1192, step time: 1.0457
Batch 69/248, train_loss: 0.5223, step time: 1.0508
Batch 70/248, train_loss: 0.1844, step time: 1.0349
Batch 71/248, train_loss: 0.1399, step time: 1.0433
Batch 72/248, train_loss: 0.0725, step time: 1.0434
Batch 73/248, train_loss: 0.1930, step time: 1.0501
Batch 74/248, train_loss: 0.9918, step time: 1.0322
Batch 75/248, train_loss: 0.1712, step time: 1.0326
Batch 76/248, train_loss: 0.5419, step time: 1.0364
Batch 77/248, train_loss: 0.7490, step time: 1.0473
```

Batch 77/248, train_loss: 0.1500, step time: 1.0300
Batch 78/248, train_loss: 0.1542, step time: 1.0307
Batch 79/248, train_loss: 0.1276, step time: 1.0320
Batch 80/248, train_loss: 0.2107, step time: 1.0303
Batch 81/248, train_loss: 0.2197, step time: 1.0493
Batch 82/248, train_loss: 0.1327, step time: 1.0424
Batch 83/248, train_loss: 0.6531, step time: 1.0389
Batch 84/248, train_loss: 0.2367, step time: 1.0300
Batch 85/248, train_loss: 0.4097, step time: 1.0331
Batch 86/248, train_loss: 0.2734, step time: 1.0287
Batch 87/248, train_loss: 0.5362, step time: 1.0407
Batch 88/248, train_loss: 0.3857, step time: 1.0564
Batch 89/248, train_loss: 0.1102, step time: 1.0221
Batch 90/248, train_loss: 0.1938, step time: 1.0292
Batch 91/248, train_loss: 0.3724, step time: 1.0406
Batch 92/248, train_loss: 0.2822, step time: 1.0435
Batch 93/248, train_loss: 0.1678, step time: 1.0360
Batch 94/248, train_loss: 0.3128, step time: 1.0518
Batch 95/248, train_loss: 0.1903, step time: 1.0388
Batch 96/248, train_loss: 0.2206, step time: 1.0503
Batch 97/248, train_loss: 0.4488, step time: 1.0434
Batch 98/248, train_loss: 0.1273, step time: 1.0478
Batch 99/248, train_loss: 0.3148, step time: 1.0300
Batch 100/248, train_loss: 0.3435, step time: 1.0455
Batch 101/248, train_loss: 0.0652, step time: 1.0315
Batch 102/248, train_loss: 0.1208, step time: 1.0286
Batch 103/248, train_loss: 0.3323, step time: 1.0363
Batch 104/248, train_loss: 0.5899, step time: 1.0363
Batch 105/248, train_loss: 0.0922, step time: 1.0308
Batch 106/248, train_loss: 0.1392, step time: 1.0282
Batch 107/248, train_loss: 0.2891, step time: 1.0289
Batch 108/248, train_loss: 0.5978, step time: 1.0207
Batch 109/248, train_loss: 0.4002, step time: 1.0422
Batch 110/248, train_loss: 0.4315, step time: 1.0469
Batch 111/248, train_loss: 0.1212, step time: 1.0242
Batch 112/248, train_loss: 0.1413, step time: 1.0452
Batch 113/248, train_loss: 0.9936, step time: 1.0290
Batch 114/248, train_loss: 0.1973, step time: 1.0490
Batch 115/248, train_loss: 0.1810, step time: 1.0320
Batch 116/248, train_loss: 0.0913, step time: 1.0488
Batch 117/248, train_loss: 0.7623, step time: 1.0442
Batch 118/248, train_loss: 0.1673, step time: 1.0470
Batch 119/248, train_loss: 0.3220, step time: 1.0224
Batch 120/248, train_loss: 0.2887, step time: 1.0324
Batch 121/248, train_loss: 0.3533, step time: 1.0271
Batch 122/248, train_loss: 0.4155, step time: 1.0240
Batch 123/248, train_loss: 0.0686, step time: 1.0259
Batch 124/248, train_loss: 0.2933, step time: 1.0425
Batch 125/248, train_loss: 0.5268, step time: 1.0380
Batch 126/248, train_loss: 0.1865, step time: 1.0309
Batch 127/248, train_loss: 0.1612, step time: 1.0445
Batch 128/248, train_loss: 0.1986, step time: 1.0252
Batch 129/248, train_loss: 0.1317, step time: 1.0301
Batch 130/248, train_loss: 0.1166, step time: 1.0411
Batch 131/248, train_loss: 0.5040, step time: 1.0221
Batch 132/248, train_loss: 0.1772, step time: 1.0292
Batch 133/248, train_loss: 0.1628, step time: 1.0399
Batch 134/248, train_loss: 0.7836, step time: 1.0465
Batch 135/248, train_loss: 0.2358, step time: 1.0301
Batch 136/248, train_loss: 0.1505, step time: 1.0511
Batch 137/248, train_loss: 0.1726, step time: 1.0318
Batch 138/248, train_loss: 0.0807, step time: 1.0381
Batch 139/248, train_loss: 0.2394, step time: 1.0372
Batch 140/248, train_loss: 0.1924, step time: 1.0399
Batch 141/248, train_loss: 0.1933, step time: 1.0525
Batch 142/248, train_loss: 0.7625, step time: 1.0510
Batch 143/248, train_loss: 0.2579, step time: 1.0255
Batch 144/248, train_loss: 0.1482, step time: 1.0541
Batch 145/248, train_loss: 0.0699, step time: 1.0206
Batch 146/248, train_loss: 0.4172, step time: 1.0227
Batch 147/248, train_loss: 0.0660, step time: 1.0367
Batch 148/248, train_loss: 0.5378, step time: 1.0311
Batch 149/248, train_loss: 0.1765, step time: 1.0230
Batch 150/248, train_loss: 0.6076, step time: 1.0515
Batch 151/248, train_loss: 0.2908, step time: 1.0322
Batch 152/248, train_loss: 0.0506, step time: 1.0439
Batch 153/248, train_loss: 0.1896, step time: 1.0340
Batch 154/248, train_loss: 0.5176, step time: 1.0228
Batch 155/248, train_loss: 0.1630, step time: 1.0489
Batch 156/248, train_loss: 0.1734, step time: 1.0286
Batch 157/248, train_loss: 0.3662, step time: 1.0214
Batch 158/248, train_loss: 0.9997, step time: 1.0282
Batch 159/248, train_loss: 0.4251, step time: 1.0414
Batch 160/248, train_loss: 0.1144, step time: 1.0305
Batch 161/248, train_loss: 0.0900, step time: 1.0478

Batch 162/248, train_loss: 0.0814, step time: 1.0262
Batch 163/248, train_loss: 0.1568, step time: 1.0464
Batch 164/248, train_loss: 0.1612, step time: 1.0356
Batch 165/248, train_loss: 0.5479, step time: 1.0247
Batch 166/248, train_loss: 0.1121, step time: 1.0360
Batch 167/248, train_loss: 0.2369, step time: 1.0238
Batch 168/248, train_loss: 0.1958, step time: 1.0403
Batch 169/248, train_loss: 0.1682, step time: 1.0242
Batch 170/248, train_loss: 0.5505, step time: 1.0509
Batch 171/248, train_loss: 0.1118, step time: 1.0332
Batch 172/248, train_loss: 0.8863, step time: 1.0396
Batch 173/248, train_loss: 0.0931, step time: 1.0388
Batch 174/248, train_loss: 0.5945, step time: 1.0444
Batch 175/248, train_loss: 0.1617, step time: 1.0310
Batch 176/248, train_loss: 0.4129, step time: 1.0263
Batch 177/248, train_loss: 0.5038, step time: 1.0222
Batch 178/248, train_loss: 0.2072, step time: 1.0469
Batch 179/248, train_loss: 0.1209, step time: 1.0238
Batch 180/248, train_loss: 0.3995, step time: 1.0400
Batch 181/248, train_loss: 0.1414, step time: 1.0397
Batch 182/248, train_loss: 0.8907, step time: 1.0424
Batch 183/248, train_loss: 0.1670, step time: 1.0517
Batch 184/248, train_loss: 0.2185, step time: 1.0390
Batch 185/248, train_loss: 0.1173, step time: 1.0394
Batch 186/248, train_loss: 0.0973, step time: 1.0385
Batch 187/248, train_loss: 0.1964, step time: 1.0294
Batch 188/248, train_loss: 0.2343, step time: 1.0426
Batch 189/248, train_loss: 0.4990, step time: 1.0416
Batch 190/248, train_loss: 0.1566, step time: 1.0268
Batch 191/248, train_loss: 0.6521, step time: 1.0364
Batch 192/248, train_loss: 0.2152, step time: 1.0303
Batch 193/248, train_loss: 0.2761, step time: 1.0351
Batch 194/248, train_loss: 0.1048, step time: 1.0285
Batch 195/248, train_loss: 0.9751, step time: 1.0537
Batch 196/248, train_loss: 1.0000, step time: 1.0200
Batch 197/248, train_loss: 0.2215, step time: 1.0455
Batch 198/248, train_loss: 0.9902, step time: 1.0262
Batch 199/248, train_loss: 0.1729, step time: 1.0482
Batch 200/248, train_loss: 0.1721, step time: 1.0362
Batch 201/248, train_loss: 0.1411, step time: 1.0305
Batch 202/248, train_loss: 0.4119, step time: 1.0510
Batch 203/248, train_loss: 0.5494, step time: 1.0404
Batch 204/248, train_loss: 0.1170, step time: 1.0238
Batch 205/248, train_loss: 0.3314, step time: 1.0338
Batch 206/248, train_loss: 0.3922, step time: 1.0403
Batch 207/248, train_loss: 0.1008, step time: 1.0361
Batch 208/248, train_loss: 0.1329, step time: 1.0471
Batch 209/248, train_loss: 0.1350, step time: 1.0400
Batch 210/248, train_loss: 0.0723, step time: 1.0226
Batch 211/248, train_loss: 0.0942, step time: 1.0446
Batch 212/248, train_loss: 0.2188, step time: 1.0316
Batch 213/248, train_loss: 0.1907, step time: 1.0306
Batch 214/248, train_loss: 0.1076, step time: 1.0298
Batch 215/248, train_loss: 0.3450, step time: 1.0398
Batch 216/248, train_loss: 0.2231, step time: 1.0473
Batch 217/248, train_loss: 0.3197, step time: 1.0392
Batch 218/248, train_loss: 0.9188, step time: 1.0522
Batch 219/248, train_loss: 0.0843, step time: 1.0420
Batch 220/248, train_loss: 0.2737, step time: 1.0243
Batch 221/248, train_loss: 0.3070, step time: 1.0231
Batch 222/248, train_loss: 0.2657, step time: 1.0467
Batch 223/248, train_loss: 0.0615, step time: 1.0428
Batch 224/248, train_loss: 0.1085, step time: 1.0476
Batch 225/248, train_loss: 0.2210, step time: 1.0373
Batch 226/248, train_loss: 0.1327, step time: 1.0247
Batch 227/248, train_loss: 0.1425, step time: 1.0335
Batch 228/248, train_loss: 0.1855, step time: 1.0408
Batch 229/248, train_loss: 0.1208, step time: 1.0254
Batch 230/248, train_loss: 0.0792, step time: 1.0353
Batch 231/248, train_loss: 0.4267, step time: 1.0256
Batch 232/248, train_loss: 0.0792, step time: 1.0399
Batch 233/248, train_loss: 0.8291, step time: 1.0259
Batch 234/248, train_loss: 0.4487, step time: 1.0384
Batch 235/248, train_loss: 0.3299, step time: 1.0325
Batch 236/248, train_loss: 0.7992, step time: 1.0351
Batch 237/248, train_loss: 0.1761, step time: 1.0485
Batch 238/248, train_loss: 0.1294, step time: 1.0258
Batch 239/248, train_loss: 0.0684, step time: 1.0450
Batch 240/248, train_loss: 0.2585, step time: 1.0223
Batch 241/248, train_loss: 0.8741, step time: 1.0214
Batch 242/248, train_loss: 0.2212, step time: 1.0282
Batch 243/248, train_loss: 0.5163, step time: 1.0299
Batch 244/248, train_loss: 0.4352, step time: 1.0440
Batch 245/248, train_loss: 0.1109, step time: 1.0259
Batch 246/248, train_loss: 0.6227, step time: 1.0323

```
Batch 247/248, train_loss: 0.0919, step time: 1.0397  
Batch 248/248, train_loss: 1.0000, step time: 1.0270
```

Labels



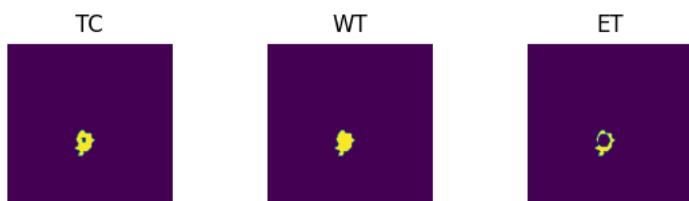
Predictions



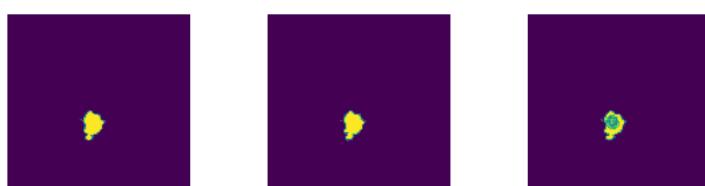
VAL

```
Batch 1/31, val_loss: 0.8550  
Batch 2/31, val_loss: 0.9897  
Batch 3/31, val_loss: 0.9745  
Batch 4/31, val_loss: 0.9528  
Batch 5/31, val_loss: 0.9946  
Batch 6/31, val_loss: 0.6854  
Batch 7/31, val_loss: 0.8289  
Batch 8/31, val_loss: 0.9646  
Batch 9/31, val_loss: 0.6954  
Batch 10/31, val_loss: 0.9485  
Batch 11/31, val_loss: 0.8172  
Batch 12/31, val_loss: 0.9719  
Batch 13/31, val_loss: 0.9563  
Batch 14/31, val_loss: 0.9490  
Batch 15/31, val_loss: 0.9950  
Batch 16/31, val_loss: 0.9672  
Batch 17/31, val_loss: 0.9644  
Batch 18/31, val_loss: 0.9378  
Batch 19/31, val_loss: 0.7600  
Batch 20/31, val_loss: 0.8640  
Batch 21/31, val_loss: 0.9006  
Batch 22/31, val_loss: 0.9826  
Batch 23/31, val_loss: 0.9689  
Batch 24/31, val_loss: 0.7377  
Batch 25/31, val_loss: 0.8058  
Batch 26/31, val_loss: 0.9213  
Batch 27/31, val_loss: 0.9836  
Batch 28/31, val_loss: 0.7542  
Batch 29/31, val_loss: 0.9881  
Batch 30/31, val_loss: 0.9770  
Batch 31/31, val_loss: 0.9703
```

Labels



Predictions



epoch 64

```
average train loss: 0.2939  
average validation loss: 0.9052  
saved as best model: True  
current mean dice: 0.5342
```

current mean dice: 0.5545
current TC dice: 0.5771
current WT dice: 0.5779
current ET dice: 0.4903
Best Mean Metric: 0.5343
time consuming of epoch 64 is: 1609.1059

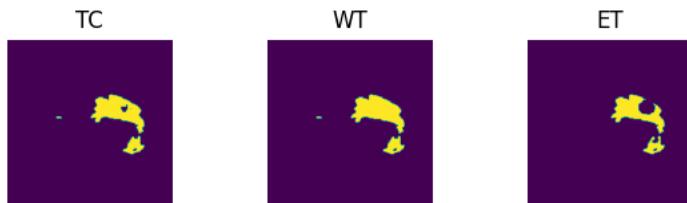
epoch 65/100
TRAIN
Batch 1/248, train_loss: 0.0848, step time: 1.0252
Batch 2/248, train_loss: 0.7846, step time: 1.0525
Batch 3/248, train_loss: 0.3740, step time: 1.0474
Batch 4/248, train_loss: 0.9991, step time: 1.0479
Batch 5/248, train_loss: 0.2308, step time: 1.0334
Batch 6/248, train_loss: 0.4638, step time: 1.0374
Batch 7/248, train_loss: 0.0923, step time: 1.0464
Batch 8/248, train_loss: 0.6349, step time: 1.0411
Batch 9/248, train_loss: 0.0526, step time: 1.0239
Batch 10/248, train_loss: 0.2781, step time: 1.0412
Batch 11/248, train_loss: 0.2576, step time: 1.0492
Batch 12/248, train_loss: 0.3948, step time: 1.0406
Batch 13/248, train_loss: 0.3116, step time: 1.0300
Batch 14/248, train_loss: 0.1134, step time: 1.0426
Batch 15/248, train_loss: 0.3892, step time: 1.0242
Batch 16/248, train_loss: 0.2043, step time: 1.0370
Batch 17/248, train_loss: 0.3095, step time: 1.0396
Batch 18/248, train_loss: 0.2905, step time: 1.0321
Batch 19/248, train_loss: 0.1482, step time: 1.0281
Batch 20/248, train_loss: 0.2282, step time: 1.0505
Batch 21/248, train_loss: 0.0685, step time: 1.0510
Batch 22/248, train_loss: 0.6073, step time: 1.0300
Batch 23/248, train_loss: 0.3705, step time: 1.0440
Batch 24/248, train_loss: 0.1075, step time: 1.0327
Batch 25/248, train_loss: 0.1240, step time: 1.0260
Batch 26/248, train_loss: 0.4016, step time: 1.0493
Batch 27/248, train_loss: 0.1284, step time: 1.0540
Batch 28/248, train_loss: 0.1839, step time: 1.0439
Batch 29/248, train_loss: 0.3988, step time: 1.0296
Batch 30/248, train_loss: 0.2318, step time: 1.0442
Batch 31/248, train_loss: 0.3329, step time: 1.0494
Batch 32/248, train_loss: 0.1431, step time: 1.0235
Batch 33/248, train_loss: 0.0858, step time: 1.0179
Batch 34/248, train_loss: 0.0572, step time: 1.0239
Batch 35/248, train_loss: 0.0714, step time: 1.0282
Batch 36/248, train_loss: 0.3922, step time: 1.0211
Batch 37/248, train_loss: 0.2293, step time: 1.0371
Batch 38/248, train_loss: 0.3112, step time: 1.0353
Batch 39/248, train_loss: 0.2137, step time: 1.0439
Batch 40/248, train_loss: 0.9450, step time: 1.0477
Batch 41/248, train_loss: 0.2371, step time: 1.0418
Batch 42/248, train_loss: 0.0882, step time: 1.0425
Batch 43/248, train_loss: 0.0591, step time: 1.0245
Batch 44/248, train_loss: 0.2647, step time: 1.0274
Batch 45/248, train_loss: 0.5195, step time: 1.0498
Batch 46/248, train_loss: 0.3221, step time: 1.0466
Batch 47/248, train_loss: 0.0811, step time: 1.0237
Batch 48/248, train_loss: 0.2282, step time: 1.0221
Batch 49/248, train_loss: 0.4414, step time: 1.0284
Batch 50/248, train_loss: 0.1960, step time: 1.0402
Batch 51/248, train_loss: 0.2093, step time: 1.0378
Batch 52/248, train_loss: 0.1630, step time: 1.0486
Batch 53/248, train_loss: 0.4132, step time: 1.0462
Batch 54/248, train_loss: 0.2990, step time: 1.0446
Batch 55/248, train_loss: 0.3255, step time: 1.0494
Batch 56/248, train_loss: 0.1927, step time: 1.0341
Batch 57/248, train_loss: 0.3690, step time: 1.0401
Batch 58/248, train_loss: 0.0877, step time: 1.0269
Batch 59/248, train_loss: 0.1094, step time: 1.0371
Batch 60/248, train_loss: 0.0859, step time: 1.0485
Batch 61/248, train_loss: 0.1041, step time: 1.0444
Batch 62/248, train_loss: 0.2623, step time: 1.0258
Batch 63/248, train_loss: 0.4752, step time: 1.0434
Batch 64/248, train_loss: 0.4488, step time: 1.0426
Batch 65/248, train_loss: 0.3037, step time: 1.0187
Batch 66/248, train_loss: 0.1552, step time: 1.0442
Batch 67/248, train_loss: 0.1009, step time: 1.0458
Batch 68/248, train_loss: 0.1214, step time: 1.0270
Batch 69/248, train_loss: 0.4182, step time: 1.0307
Batch 70/248, train_loss: 0.1859, step time: 1.0381
Batch 71/248, train_loss: 0.1290, step time: 1.0348
Batch 72/248, train_loss: 0.0696, step time: 1.0419
Batch 73/248, train_loss: 0.3289, step time: 1.0276
Batch 74/248, train_loss: 0.9917, step time: 1.0454
Batch 75/248, train_loss: 0.1793, step time: 1.0503
Batch 76/248, train_loss: 0.5090, step time: 1.0277

Batch 77/248, train_loss: 0.7323, step time: 1.0286
Batch 78/248, train_loss: 0.1443, step time: 1.0325
Batch 79/248, train_loss: 0.1302, step time: 1.0289
Batch 80/248, train_loss: 0.2172, step time: 1.0268
Batch 81/248, train_loss: 0.2215, step time: 1.0386
Batch 82/248, train_loss: 0.1279, step time: 1.0477
Batch 83/248, train_loss: 0.6294, step time: 1.0382
Batch 84/248, train_loss: 0.2512, step time: 1.0332
Batch 85/248, train_loss: 0.4174, step time: 1.0263
Batch 86/248, train_loss: 0.5198, step time: 1.0242
Batch 87/248, train_loss: 0.5089, step time: 1.0427
Batch 88/248, train_loss: 0.3463, step time: 1.0404
Batch 89/248, train_loss: 0.0888, step time: 1.0293
Batch 90/248, train_loss: 0.1984, step time: 1.0428
Batch 91/248, train_loss: 0.3511, step time: 1.0312
Batch 92/248, train_loss: 0.2809, step time: 1.0384
Batch 93/248, train_loss: 0.1744, step time: 1.0259
Batch 94/248, train_loss: 0.3063, step time: 1.0467
Batch 95/248, train_loss: 0.1937, step time: 1.0243
Batch 96/248, train_loss: 0.1970, step time: 1.0242
Batch 97/248, train_loss: 0.4066, step time: 1.0444
Batch 98/248, train_loss: 0.1200, step time: 1.0406
Batch 99/248, train_loss: 0.3035, step time: 1.0208
Batch 100/248, train_loss: 0.3046, step time: 1.0411
Batch 101/248, train_loss: 0.0651, step time: 1.0356
Batch 102/248, train_loss: 0.1270, step time: 1.0474
Batch 103/248, train_loss: 0.8956, step time: 1.0204
Batch 104/248, train_loss: 0.3414, step time: 1.0329
Batch 105/248, train_loss: 0.0862, step time: 1.0266
Batch 106/248, train_loss: 0.1595, step time: 1.0355
Batch 107/248, train_loss: 0.2749, step time: 1.0463
Batch 108/248, train_loss: 0.5540, step time: 1.0388
Batch 109/248, train_loss: 0.7060, step time: 1.0449
Batch 110/248, train_loss: 0.3197, step time: 1.0464
Batch 111/248, train_loss: 0.1087, step time: 1.0406
Batch 112/248, train_loss: 0.1796, step time: 1.0277
Batch 113/248, train_loss: 0.9908, step time: 1.0439
Batch 114/248, train_loss: 0.1996, step time: 1.0356
Batch 115/248, train_loss: 0.1444, step time: 1.0274
Batch 116/248, train_loss: 0.0863, step time: 1.0358
Batch 117/248, train_loss: 0.9949, step time: 1.0221
Batch 118/248, train_loss: 0.3774, step time: 1.0356
Batch 119/248, train_loss: 0.3080, step time: 1.0397
Batch 120/248, train_loss: 0.2738, step time: 1.0403
Batch 121/248, train_loss: 0.3672, step time: 1.0347
Batch 122/248, train_loss: 0.4482, step time: 1.0361
Batch 123/248, train_loss: 0.0733, step time: 1.0358
Batch 124/248, train_loss: 0.2841, step time: 1.0325
Batch 125/248, train_loss: 0.5389, step time: 1.0410
Batch 126/248, train_loss: 0.2907, step time: 1.0462
Batch 127/248, train_loss: 0.1651, step time: 1.0387
Batch 128/248, train_loss: 0.4728, step time: 1.0481
Batch 129/248, train_loss: 0.1252, step time: 1.0427
Batch 130/248, train_loss: 0.1160, step time: 1.0505
Batch 131/248, train_loss: 0.4544, step time: 1.0476
Batch 132/248, train_loss: 0.1792, step time: 1.0445
Batch 133/248, train_loss: 0.1605, step time: 1.0462
Batch 134/248, train_loss: 0.6408, step time: 1.0488
Batch 135/248, train_loss: 0.2331, step time: 1.0493
Batch 136/248, train_loss: 0.2462, step time: 1.0535
Batch 137/248, train_loss: 0.1399, step time: 1.0388
Batch 138/248, train_loss: 0.0846, step time: 1.0296
Batch 139/248, train_loss: 0.1808, step time: 1.0438
Batch 140/248, train_loss: 0.1679, step time: 1.0323
Batch 141/248, train_loss: 0.1848, step time: 1.0282
Batch 142/248, train_loss: 0.5722, step time: 1.0254
Batch 143/248, train_loss: 0.2742, step time: 1.0477
Batch 144/248, train_loss: 0.1475, step time: 1.0505
Batch 145/248, train_loss: 0.1316, step time: 1.0276
Batch 146/248, train_loss: 0.4239, step time: 1.0312
Batch 147/248, train_loss: 0.0632, step time: 1.0327
Batch 148/248, train_loss: 0.5519, step time: 1.0190
Batch 149/248, train_loss: 0.1715, step time: 1.0272
Batch 150/248, train_loss: 0.6082, step time: 1.0227
Batch 151/248, train_loss: 0.2934, step time: 1.0492
Batch 152/248, train_loss: 0.0508, step time: 1.0196
Batch 153/248, train_loss: 0.3021, step time: 1.0384
Batch 154/248, train_loss: 0.5319, step time: 1.0371
Batch 155/248, train_loss: 0.1350, step time: 1.0300
Batch 156/248, train_loss: 0.1776, step time: 1.0341
Batch 157/248, train_loss: 0.3457, step time: 1.0200
Batch 158/248, train_loss: 0.9986, step time: 1.0484
Batch 159/248, train_loss: 0.3499, step time: 1.0348
Batch 160/248, train_loss: 0.1248, step time: 1.0463
Batch 161/248, train_loss: 0.0775, step time: 1.0459

Batch 162/248, train_loss: 0.0905, step time: 1.0397
Batch 163/248, train_loss: 0.1575, step time: 1.0254
Batch 164/248, train_loss: 0.1931, step time: 1.0390
Batch 165/248, train_loss: 0.5246, step time: 1.0221
Batch 166/248, train_loss: 0.1101, step time: 1.0225
Batch 167/248, train_loss: 0.2377, step time: 1.0422
Batch 168/248, train_loss: 0.1818, step time: 1.0468
Batch 169/248, train_loss: 0.1604, step time: 1.0470
Batch 170/248, train_loss: 0.5376, step time: 1.0275
Batch 171/248, train_loss: 0.1082, step time: 1.0201
Batch 172/248, train_loss: 0.5392, step time: 1.0285
Batch 173/248, train_loss: 0.0894, step time: 1.0416
Batch 174/248, train_loss: 0.5451, step time: 1.0288
Batch 175/248, train_loss: 0.1613, step time: 1.0288
Batch 176/248, train_loss: 0.4025, step time: 1.0250
Batch 177/248, train_loss: 0.2994, step time: 1.0327
Batch 178/248, train_loss: 0.1827, step time: 1.0272
Batch 179/248, train_loss: 0.1145, step time: 1.0350
Batch 180/248, train_loss: 0.3903, step time: 1.0369
Batch 181/248, train_loss: 0.1222, step time: 1.0458
Batch 182/248, train_loss: 0.8950, step time: 1.0326
Batch 183/248, train_loss: 0.1473, step time: 1.0322
Batch 184/248, train_loss: 0.2052, step time: 1.0283
Batch 185/248, train_loss: 0.1136, step time: 1.0303
Batch 186/248, train_loss: 0.0931, step time: 1.0450
Batch 187/248, train_loss: 0.1951, step time: 1.0412
Batch 188/248, train_loss: 0.2387, step time: 1.0180
Batch 189/248, train_loss: 0.5083, step time: 1.0209
Batch 190/248, train_loss: 0.1682, step time: 1.0361
Batch 191/248, train_loss: 0.6388, step time: 1.0218
Batch 192/248, train_loss: 0.2296, step time: 1.0545
Batch 193/248, train_loss: 0.2624, step time: 1.0365
Batch 194/248, train_loss: 0.0936, step time: 1.0317
Batch 195/248, train_loss: 0.6249, step time: 1.0226
Batch 196/248, train_loss: 1.0000, step time: 1.0387
Batch 197/248, train_loss: 0.2404, step time: 1.0519
Batch 198/248, train_loss: 0.6989, step time: 1.0362
Batch 199/248, train_loss: 0.1558, step time: 1.0274
Batch 200/248, train_loss: 0.1790, step time: 1.0301
Batch 201/248, train_loss: 0.1384, step time: 1.0508
Batch 202/248, train_loss: 0.4334, step time: 1.0290
Batch 203/248, train_loss: 0.4449, step time: 1.0192
Batch 204/248, train_loss: 0.1515, step time: 1.0224
Batch 205/248, train_loss: 0.3335, step time: 1.0224
Batch 206/248, train_loss: 0.3200, step time: 1.0498
Batch 207/248, train_loss: 0.0896, step time: 1.0396
Batch 208/248, train_loss: 0.1773, step time: 1.0278
Batch 209/248, train_loss: 0.1376, step time: 1.0452
Batch 210/248, train_loss: 0.0856, step time: 1.0225
Batch 211/248, train_loss: 0.0929, step time: 1.0275
Batch 212/248, train_loss: 0.2168, step time: 1.0200
Batch 213/248, train_loss: 0.2052, step time: 1.0320
Batch 214/248, train_loss: 0.1086, step time: 1.0361
Batch 215/248, train_loss: 0.2368, step time: 1.0402
Batch 216/248, train_loss: 0.1886, step time: 1.0473
Batch 217/248, train_loss: 0.2804, step time: 1.0357
Batch 218/248, train_loss: 0.8135, step time: 1.0523
Batch 219/248, train_loss: 0.0922, step time: 1.0266
Batch 220/248, train_loss: 0.2631, step time: 1.0346
Batch 221/248, train_loss: 0.2942, step time: 1.0410
Batch 222/248, train_loss: 0.2465, step time: 1.0557
Batch 223/248, train_loss: 0.0589, step time: 1.0347
Batch 224/248, train_loss: 0.1094, step time: 1.0519
Batch 225/248, train_loss: 0.2072, step time: 1.0468
Batch 226/248, train_loss: 0.1709, step time: 1.0371
Batch 227/248, train_loss: 0.1367, step time: 1.0231
Batch 228/248, train_loss: 0.1763, step time: 1.0445
Batch 229/248, train_loss: 0.1247, step time: 1.0358
Batch 230/248, train_loss: 0.0865, step time: 1.0215
Batch 231/248, train_loss: 0.3402, step time: 1.0382
Batch 232/248, train_loss: 0.0895, step time: 1.0308
Batch 233/248, train_loss: 0.9645, step time: 1.0470
Batch 234/248, train_loss: 0.5009, step time: 1.0365
Batch 235/248, train_loss: 0.3072, step time: 1.0443
Batch 236/248, train_loss: 0.7680, step time: 1.0408
Batch 237/248, train_loss: 0.1656, step time: 1.0166
Batch 238/248, train_loss: 0.1132, step time: 1.0435
Batch 239/248, train_loss: 0.0745, step time: 1.0363
Batch 240/248, train_loss: 0.3247, step time: 1.0258
Batch 241/248, train_loss: 0.7333, step time: 1.0281
Batch 242/248, train_loss: 0.2018, step time: 1.0388
Batch 243/248, train_loss: 0.4067, step time: 1.0346
Batch 244/248, train_loss: 0.4060, step time: 1.0457
Batch 245/248, train_loss: 0.1094, step time: 1.0289
Batch 246/248, train_loss: 0.7068, step time: 1.0472

```
Batch 247/248, train_loss: 0.0973, step time: 1.0333
Batch 248/248, train_loss: 0.9996, step time: 1.0315
```

Labels



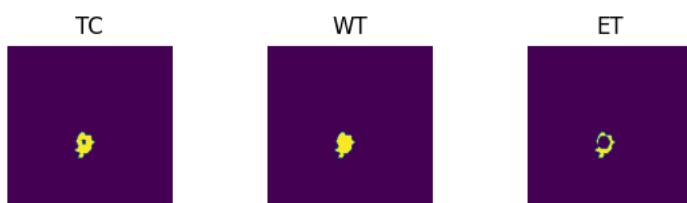
Predictions



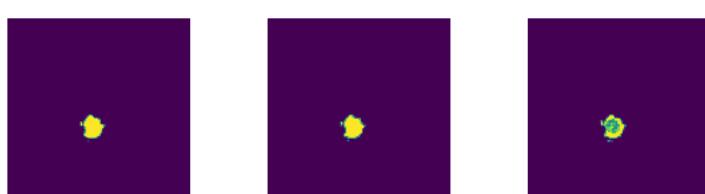
VAL

```
Batch 1/31, val_loss: 0.8435
Batch 2/31, val_loss: 0.9779
Batch 3/31, val_loss: 0.9720
Batch 4/31, val_loss: 0.9518
Batch 5/31, val_loss: 0.9927
Batch 6/31, val_loss: 0.6890
Batch 7/31, val_loss: 0.8293
Batch 8/31, val_loss: 0.9650
Batch 9/31, val_loss: 0.6939
Batch 10/31, val_loss: 0.9506
Batch 11/31, val_loss: 0.8135
Batch 12/31, val_loss: 0.9687
Batch 13/31, val_loss: 0.9561
Batch 14/31, val_loss: 0.9405
Batch 15/31, val_loss: 0.9936
Batch 16/31, val_loss: 0.9649
Batch 17/31, val_loss: 0.9675
Batch 18/31, val_loss: 0.9383
Batch 19/31, val_loss: 0.7591
Batch 20/31, val_loss: 0.8621
Batch 21/31, val_loss: 0.9489
Batch 22/31, val_loss: 0.9848
Batch 23/31, val_loss: 0.9678
Batch 24/31, val_loss: 0.7373
Batch 25/31, val_loss: 0.8023
Batch 26/31, val_loss: 0.9192
Batch 27/31, val_loss: 0.9902
Batch 28/31, val_loss: 0.7525
Batch 29/31, val_loss: 0.9863
Batch 30/31, val_loss: 0.9738
Batch 31/31, val_loss: 0.9700
```

Labels



Predictions



epoch 65

```
average train loss: 0.2957
average validation loss: 0.9053
saved as best model: False
```

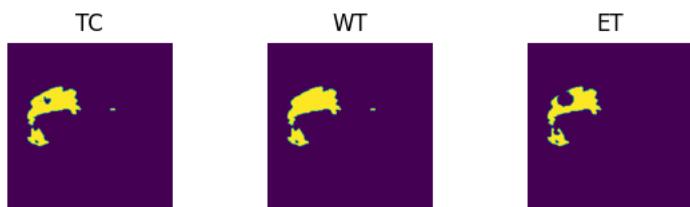
```
current mean dice: 0.5114
current TC dice: 0.5498
current WT dice: 0.5492
current ET dice: 0.4671
Best Mean Metric: 0.5343
time consuming of epoch 65 is: 1602.9937
-----
epoch 66/100
TRAIN
Batch 1/248, train_loss: 0.0881, step time: 1.0443
Batch 2/248, train_loss: 0.7030, step time: 1.0474
Batch 3/248, train_loss: 0.3271, step time: 1.0263
Batch 4/248, train_loss: 0.9661, step time: 1.0452
Batch 5/248, train_loss: 0.1919, step time: 1.0407
Batch 6/248, train_loss: 0.2338, step time: 1.0374
Batch 7/248, train_loss: 0.0776, step time: 1.0523
Batch 8/248, train_loss: 0.6877, step time: 1.0432
Batch 9/248, train_loss: 0.0535, step time: 1.0321
Batch 10/248, train_loss: 0.2704, step time: 1.0351
Batch 11/248, train_loss: 0.2364, step time: 1.0276
Batch 12/248, train_loss: 0.3711, step time: 1.0316
Batch 13/248, train_loss: 0.2888, step time: 1.0481
Batch 14/248, train_loss: 0.0614, step time: 1.0311
Batch 15/248, train_loss: 0.3666, step time: 1.0382
Batch 16/248, train_loss: 0.1814, step time: 1.0320
Batch 17/248, train_loss: 0.2789, step time: 1.0307
Batch 18/248, train_loss: 0.2725, step time: 1.0245
Batch 19/248, train_loss: 0.1253, step time: 1.0387
Batch 20/248, train_loss: 0.1754, step time: 1.0219
Batch 21/248, train_loss: 0.0640, step time: 1.0334
Batch 22/248, train_loss: 0.4654, step time: 1.0381
Batch 23/248, train_loss: 0.3022, step time: 1.0261
Batch 24/248, train_loss: 0.0982, step time: 1.0396
Batch 25/248, train_loss: 0.0881, step time: 1.0380
Batch 26/248, train_loss: 0.4617, step time: 1.0284
Batch 27/248, train_loss: 0.0796, step time: 1.0431
Batch 28/248, train_loss: 0.2013, step time: 1.0192
Batch 29/248, train_loss: 0.3759, step time: 1.0261
Batch 30/248, train_loss: 0.2247, step time: 1.0378
Batch 31/248, train_loss: 0.3441, step time: 1.0326
Batch 32/248, train_loss: 0.1044, step time: 1.0363
Batch 33/248, train_loss: 0.0886, step time: 1.0394
Batch 34/248, train_loss: 0.0522, step time: 1.0333
Batch 35/248, train_loss: 0.0657, step time: 1.0338
Batch 36/248, train_loss: 0.3804, step time: 1.0417
Batch 37/248, train_loss: 0.2247, step time: 1.0245
Batch 38/248, train_loss: 0.3002, step time: 1.0373
Batch 39/248, train_loss: 0.2059, step time: 1.0399
Batch 40/248, train_loss: 0.9958, step time: 1.0503
Batch 41/248, train_loss: 0.1962, step time: 1.0255
Batch 42/248, train_loss: 0.1005, step time: 1.0450
Batch 43/248, train_loss: 0.0713, step time: 1.0310
Batch 44/248, train_loss: 0.1541, step time: 1.0470
Batch 45/248, train_loss: 0.6464, step time: 1.0433
Batch 46/248, train_loss: 0.1671, step time: 1.0378
Batch 47/248, train_loss: 0.0978, step time: 1.0488
Batch 48/248, train_loss: 0.2405, step time: 1.0467
Batch 49/248, train_loss: 0.4032, step time: 1.0482
Batch 50/248, train_loss: 0.1957, step time: 1.0321
Batch 51/248, train_loss: 0.3416, step time: 1.0420
Batch 52/248, train_loss: 0.1593, step time: 1.0464
Batch 53/248, train_loss: 0.4062, step time: 1.0493
Batch 54/248, train_loss: 0.2915, step time: 1.0293
Batch 55/248, train_loss: 0.3241, step time: 1.0419
Batch 56/248, train_loss: 0.2013, step time: 1.0350
Batch 57/248, train_loss: 0.3158, step time: 1.0301
Batch 58/248, train_loss: 0.0888, step time: 1.0410
Batch 59/248, train_loss: 0.1047, step time: 1.0190
Batch 60/248, train_loss: 0.0822, step time: 1.0268
Batch 61/248, train_loss: 0.1077, step time: 1.0443
Batch 62/248, train_loss: 0.2647, step time: 1.0316
Batch 63/248, train_loss: 0.4471, step time: 1.0317
Batch 64/248, train_loss: 0.3945, step time: 1.0231
Batch 65/248, train_loss: 0.2701, step time: 1.0275
Batch 66/248, train_loss: 0.1590, step time: 1.0527
Batch 67/248, train_loss: 0.1016, step time: 1.0535
Batch 68/248, train_loss: 0.1208, step time: 1.0352
Batch 69/248, train_loss: 0.3911, step time: 1.0463
Batch 70/248, train_loss: 0.1865, step time: 1.0386
Batch 71/248, train_loss: 0.1423, step time: 1.0423
Batch 72/248, train_loss: 0.0663, step time: 1.0232
Batch 73/248, train_loss: 0.3131, step time: 1.0285
Batch 74/248, train_loss: 0.9924, step time: 1.0228
Batch 75/248, train_loss: 0.1730, step time: 1.0232
Batch 76/248, train_loss: 0.5212, step time: 1.0539
```

Batch 77/248, train_loss: 0.7792, step time: 1.0278
Batch 78/248, train_loss: 0.1650, step time: 1.0537
Batch 79/248, train_loss: 0.1546, step time: 1.0296
Batch 80/248, train_loss: 0.2231, step time: 1.0236
Batch 81/248, train_loss: 0.2114, step time: 1.0531
Batch 82/248, train_loss: 0.1309, step time: 1.0457
Batch 83/248, train_loss: 0.6389, step time: 1.0207
Batch 84/248, train_loss: 0.2879, step time: 1.0432
Batch 85/248, train_loss: 0.3770, step time: 1.0337
Batch 86/248, train_loss: 0.4391, step time: 1.0327
Batch 87/248, train_loss: 0.5462, step time: 1.0326
Batch 88/248, train_loss: 0.3598, step time: 1.0307
Batch 89/248, train_loss: 0.0846, step time: 1.0536
Batch 90/248, train_loss: 0.2823, step time: 1.0550
Batch 91/248, train_loss: 0.3669, step time: 1.0337
Batch 92/248, train_loss: 0.3109, step time: 1.0297
Batch 93/248, train_loss: 0.1669, step time: 1.0199
Batch 94/248, train_loss: 0.3061, step time: 1.0322
Batch 95/248, train_loss: 0.1836, step time: 1.0327
Batch 96/248, train_loss: 0.1942, step time: 1.0500
Batch 97/248, train_loss: 0.4462, step time: 1.0360
Batch 98/248, train_loss: 0.1233, step time: 1.0344
Batch 99/248, train_loss: 0.2947, step time: 1.0213
Batch 100/248, train_loss: 0.4097, step time: 1.0495
Batch 101/248, train_loss: 0.0647, step time: 1.0497
Batch 102/248, train_loss: 0.1175, step time: 1.0224
Batch 103/248, train_loss: 0.8982, step time: 1.0531
Batch 104/248, train_loss: 0.3490, step time: 1.0395
Batch 105/248, train_loss: 0.0917, step time: 1.0315
Batch 106/248, train_loss: 0.1488, step time: 1.0417
Batch 107/248, train_loss: 0.8080, step time: 1.0191
Batch 108/248, train_loss: 0.5049, step time: 1.0261
Batch 109/248, train_loss: 0.3141, step time: 1.0427
Batch 110/248, train_loss: 0.3789, step time: 1.0405
Batch 111/248, train_loss: 0.1161, step time: 1.0460
Batch 112/248, train_loss: 0.1665, step time: 1.0387
Batch 113/248, train_loss: 0.9923, step time: 1.0391
Batch 114/248, train_loss: 0.1699, step time: 1.0457
Batch 115/248, train_loss: 0.1572, step time: 1.0316
Batch 116/248, train_loss: 0.0827, step time: 1.0355
Batch 117/248, train_loss: 0.7390, step time: 1.0397
Batch 118/248, train_loss: 0.1838, step time: 1.0297
Batch 119/248, train_loss: 0.2984, step time: 1.0369
Batch 120/248, train_loss: 0.2425, step time: 1.0252
Batch 121/248, train_loss: 0.3464, step time: 1.0352
Batch 122/248, train_loss: 0.5024, step time: 1.0325
Batch 123/248, train_loss: 0.0701, step time: 1.0424
Batch 124/248, train_loss: 0.2873, step time: 1.0414
Batch 125/248, train_loss: 0.5143, step time: 1.0331
Batch 126/248, train_loss: 0.2355, step time: 1.0400
Batch 127/248, train_loss: 0.1574, step time: 1.0211
Batch 128/248, train_loss: 0.1853, step time: 1.0278
Batch 129/248, train_loss: 0.1199, step time: 1.0405
Batch 130/248, train_loss: 0.1075, step time: 1.0393
Batch 131/248, train_loss: 0.4254, step time: 1.0273
Batch 132/248, train_loss: 0.2019, step time: 1.0307
Batch 133/248, train_loss: 0.1547, step time: 1.0295
Batch 134/248, train_loss: 0.5707, step time: 1.0325
Batch 135/248, train_loss: 0.2329, step time: 1.0324
Batch 136/248, train_loss: 0.1470, step time: 1.0352
Batch 137/248, train_loss: 0.1344, step time: 1.0483
Batch 138/248, train_loss: 0.0840, step time: 1.0475
Batch 139/248, train_loss: 0.1822, step time: 1.0418
Batch 140/248, train_loss: 0.1830, step time: 1.0298
Batch 141/248, train_loss: 0.1904, step time: 1.0395
Batch 142/248, train_loss: 0.5271, step time: 1.0370
Batch 143/248, train_loss: 0.2577, step time: 1.0197
Batch 144/248, train_loss: 0.1444, step time: 1.0264
Batch 145/248, train_loss: 0.0723, step time: 1.0247
Batch 146/248, train_loss: 0.3547, step time: 1.0407
Batch 147/248, train_loss: 0.0676, step time: 1.0329
Batch 148/248, train_loss: 0.4966, step time: 1.0426
Batch 149/248, train_loss: 0.1737, step time: 1.0352
Batch 150/248, train_loss: 0.5592, step time: 1.0262
Batch 151/248, train_loss: 0.3130, step time: 1.0358
Batch 152/248, train_loss: 0.0511, step time: 1.0350
Batch 153/248, train_loss: 0.1965, step time: 1.0208
Batch 154/248, train_loss: 0.5288, step time: 1.0475
Batch 155/248, train_loss: 0.1400, step time: 1.0279
Batch 156/248, train_loss: 0.1815, step time: 1.0399
Batch 157/248, train_loss: 0.3451, step time: 1.0447
Batch 158/248, train_loss: 0.9991, step time: 1.0247
Batch 159/248, train_loss: 0.3733, step time: 1.0323
Batch 160/248, train_loss: 0.0944, step time: 1.0224
Batch 161/248, train_loss: 0.0667, step time: 1.0455

Batch 121/248, train_loss: 0.0000, step time: 1.0333
Batch 122/248, train_loss: 0.0877, step time: 1.0253
Batch 123/248, train_loss: 0.1463, step time: 1.0493
Batch 124/248, train_loss: 0.1603, step time: 1.0371
Batch 125/248, train_loss: 0.4214, step time: 1.0416
Batch 126/248, train_loss: 0.1146, step time: 1.0341
Batch 127/248, train_loss: 0.2296, step time: 1.0404
Batch 128/248, train_loss: 0.1878, step time: 1.0417
Batch 129/248, train_loss: 0.1707, step time: 1.0535
Batch 130/248, train_loss: 0.4938, step time: 1.0352
Batch 131/248, train_loss: 0.1107, step time: 1.0273
Batch 132/248, train_loss: 0.5578, step time: 1.0290
Batch 133/248, train_loss: 0.0884, step time: 1.0262
Batch 134/248, train_loss: 0.7018, step time: 1.0417
Batch 135/248, train_loss: 0.1545, step time: 1.0296
Batch 136/248, train_loss: 0.3997, step time: 1.0175
Batch 137/248, train_loss: 0.2992, step time: 1.0293
Batch 138/248, train_loss: 0.1828, step time: 1.0255
Batch 139/248, train_loss: 0.1067, step time: 1.0482
Batch 140/248, train_loss: 0.3692, step time: 1.0344
Batch 141/248, train_loss: 0.1181, step time: 1.0285
Batch 142/248, train_loss: 0.8707, step time: 1.0354
Batch 143/248, train_loss: 0.1399, step time: 1.0362
Batch 144/248, train_loss: 0.1815, step time: 1.0221
Batch 145/248, train_loss: 0.1128, step time: 1.0380
Batch 146/248, train_loss: 0.0955, step time: 1.0498
Batch 147/248, train_loss: 0.1949, step time: 1.0374
Batch 148/248, train_loss: 0.2155, step time: 1.0306
Batch 149/248, train_loss: 0.4938, step time: 1.0448
Batch 150/248, train_loss: 0.1562, step time: 1.0238
Batch 151/248, train_loss: 0.6534, step time: 1.0390
Batch 152/248, train_loss: 0.2129, step time: 1.0384
Batch 153/248, train_loss: 0.2607, step time: 1.0232
Batch 154/248, train_loss: 0.0952, step time: 1.0263
Batch 155/248, train_loss: 0.6233, step time: 1.0210
Batch 156/248, train_loss: 0.9998, step time: 1.0155
Batch 157/248, train_loss: 0.2187, step time: 1.0530
Batch 158/248, train_loss: 0.6329, step time: 1.0274
Batch 159/248, train_loss: 0.1603, step time: 1.0528
Batch 160/248, train_loss: 0.1811, step time: 1.0458
Batch 161/248, train_loss: 0.1320, step time: 1.0399
Batch 162/248, train_loss: 0.4190, step time: 1.0515
Batch 163/248, train_loss: 0.4951, step time: 1.0322
Batch 164/248, train_loss: 0.1262, step time: 1.0227
Batch 165/248, train_loss: 0.3247, step time: 1.0297
Batch 166/248, train_loss: 0.3231, step time: 1.0313
Batch 167/248, train_loss: 0.0976, step time: 1.0374
Batch 168/248, train_loss: 0.1664, step time: 1.0245
Batch 169/248, train_loss: 0.1389, step time: 1.0317
Batch 170/248, train_loss: 0.0749, step time: 1.0347
Batch 171/248, train_loss: 0.0918, step time: 1.0462
Batch 172/248, train_loss: 0.2366, step time: 1.0313
Batch 173/248, train_loss: 0.2094, step time: 1.0228
Batch 174/248, train_loss: 0.1071, step time: 1.0455
Batch 175/248, train_loss: 0.2347, step time: 1.0234
Batch 176/248, train_loss: 0.2348, step time: 1.0313
Batch 177/248, train_loss: 0.2889, step time: 1.0386
Batch 178/248, train_loss: 0.7739, step time: 1.0366
Batch 179/248, train_loss: 0.0777, step time: 1.0440
Batch 180/248, train_loss: 0.2493, step time: 1.0370
Batch 181/248, train_loss: 0.2816, step time: 1.0463
Batch 182/248, train_loss: 0.2197, step time: 1.0350
Batch 183/248, train_loss: 0.0644, step time: 1.0325
Batch 184/248, train_loss: 0.1018, step time: 1.0287
Batch 185/248, train_loss: 0.2086, step time: 1.0478
Batch 186/248, train_loss: 0.1380, step time: 1.0426
Batch 187/248, train_loss: 0.1398, step time: 1.0296
Batch 188/248, train_loss: 0.1789, step time: 1.0226
Batch 189/248, train_loss: 0.1181, step time: 1.0331
Batch 190/248, train_loss: 0.0787, step time: 1.0387
Batch 191/248, train_loss: 0.3987, step time: 1.0485
Batch 192/248, train_loss: 0.0877, step time: 1.0455
Batch 193/248, train_loss: 0.9205, step time: 1.0298
Batch 194/248, train_loss: 0.4843, step time: 1.0522
Batch 195/248, train_loss: 0.3081, step time: 1.0351
Batch 196/248, train_loss: 0.7872, step time: 1.0491
Batch 197/248, train_loss: 0.1722, step time: 1.0499
Batch 198/248, train_loss: 0.1130, step time: 1.0415
Batch 199/248, train_loss: 0.0694, step time: 1.0412
Batch 200/248, train_loss: 0.2956, step time: 1.0368
Batch 201/248, train_loss: 0.7364, step time: 1.0525
Batch 202/248, train_loss: 0.1991, step time: 1.0422
Batch 203/248, train_loss: 0.4751, step time: 1.0216
Batch 204/248, train_loss: 0.4788, step time: 1.0414
Batch 205/248, train_loss: 0.1097, step time: 1.0338
Batch 206/248, train_loss: 0.0000, step time: 1.0333

```
Batch 246/248, train_loss: 0.6498, step time: 1.0384  
Batch 247/248, train_loss: 0.0959, step time: 1.0441  
Batch 248/248, train_loss: 0.9994, step time: 1.0235
```

Labels



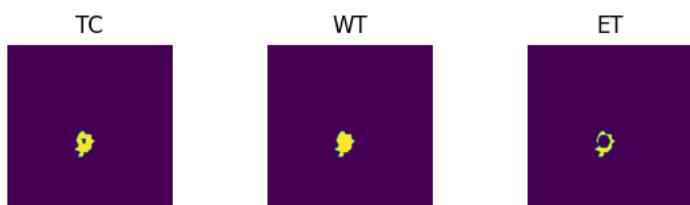
Predictions



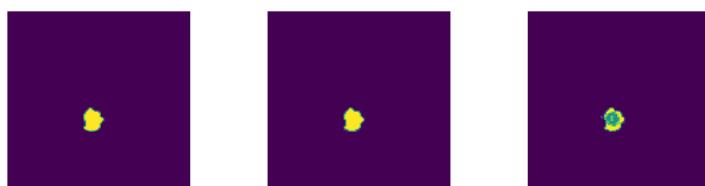
VAL

```
Batch 1/31, val_loss: 0.8560  
Batch 2/31, val_loss: 0.9756  
Batch 3/31, val_loss: 0.9699  
Batch 4/31, val_loss: 0.9515  
Batch 5/31, val_loss: 0.9911  
Batch 6/31, val_loss: 0.6860  
Batch 7/31, val_loss: 0.8298  
Batch 8/31, val_loss: 0.9719  
Batch 9/31, val_loss: 0.6920  
Batch 10/31, val_loss: 0.9778  
Batch 11/31, val_loss: 0.8114  
Batch 12/31, val_loss: 0.9701  
Batch 13/31, val_loss: 0.9578  
Batch 14/31, val_loss: 0.9450  
Batch 15/31, val_loss: 0.9923  
Batch 16/31, val_loss: 0.9615  
Batch 17/31, val_loss: 0.9691  
Batch 18/31, val_loss: 0.9372  
Batch 19/31, val_loss: 0.7584  
Batch 20/31, val_loss: 0.8636  
Batch 21/31, val_loss: 0.9482  
Batch 22/31, val_loss: 0.9821  
Batch 23/31, val_loss: 0.9698  
Batch 24/31, val_loss: 0.7359  
Batch 25/31, val_loss: 0.8010  
Batch 26/31, val_loss: 0.9157  
Batch 27/31, val_loss: 0.9896  
Batch 28/31, val_loss: 0.7516  
Batch 29/31, val_loss: 0.9860  
Batch 30/31, val_loss: 0.9765  
Batch 31/31, val_loss: 0.9701
```

Labels



Predictions



epoch 66

```
average train loss: 0.2859  
average validation loss: 0.9063  
saved as best model: False
```

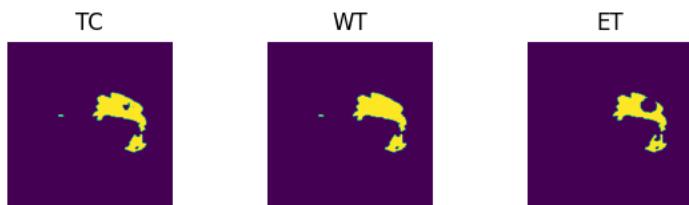
```
current mean dice: 0.4869
current TC dice: 0.5231
current WT dice: 0.5216
current ET dice: 0.4456
Best Mean Metric: 0.5343
time consuming of epoch 66 is: 1608.8683
-----
epoch 67/100
TRAIN
Batch 1/248, train_loss: 0.0936, step time: 1.0451
Batch 2/248, train_loss: 0.6984, step time: 1.0419
Batch 3/248, train_loss: 0.4987, step time: 1.0221
Batch 4/248, train_loss: 0.9610, step time: 1.0478
Batch 5/248, train_loss: 0.2108, step time: 1.0504
Batch 6/248, train_loss: 0.2183, step time: 1.0458
Batch 7/248, train_loss: 0.0722, step time: 1.0439
Batch 8/248, train_loss: 0.6912, step time: 1.0261
Batch 9/248, train_loss: 0.0539, step time: 1.0364
Batch 10/248, train_loss: 0.3469, step time: 1.0395
Batch 11/248, train_loss: 0.2799, step time: 1.0457
Batch 12/248, train_loss: 0.5283, step time: 1.0386
Batch 13/248, train_loss: 0.4276, step time: 1.0200
Batch 14/248, train_loss: 0.0589, step time: 1.0267
Batch 15/248, train_loss: 0.3837, step time: 1.0437
Batch 16/248, train_loss: 0.2331, step time: 1.0215
Batch 17/248, train_loss: 0.3484, step time: 1.0312
Batch 18/248, train_loss: 0.7162, step time: 1.0325
Batch 19/248, train_loss: 0.1036, step time: 1.0510
Batch 20/248, train_loss: 0.2209, step time: 1.0258
Batch 21/248, train_loss: 0.0587, step time: 1.0481
Batch 22/248, train_loss: 0.7186, step time: 1.0270
Batch 23/248, train_loss: 0.4640, step time: 1.0476
Batch 24/248, train_loss: 0.1014, step time: 1.0544
Batch 25/248, train_loss: 0.1037, step time: 1.0393
Batch 26/248, train_loss: 0.5745, step time: 1.0338
Batch 27/248, train_loss: 0.0837, step time: 1.0318
Batch 28/248, train_loss: 0.2505, step time: 1.0488
Batch 29/248, train_loss: 0.3589, step time: 1.0262
Batch 30/248, train_loss: 0.3962, step time: 1.0256
Batch 31/248, train_loss: 0.6139, step time: 1.0403
Batch 32/248, train_loss: 0.0973, step time: 1.0181
Batch 33/248, train_loss: 0.0875, step time: 1.0242
Batch 34/248, train_loss: 0.0519, step time: 1.0343
Batch 35/248, train_loss: 0.0666, step time: 1.0222
Batch 36/248, train_loss: 0.4011, step time: 1.0367
Batch 37/248, train_loss: 0.2280, step time: 1.0292
Batch 38/248, train_loss: 0.3050, step time: 1.0462
Batch 39/248, train_loss: 0.2055, step time: 1.0314
Batch 40/248, train_loss: 0.8265, step time: 1.0521
Batch 41/248, train_loss: 0.1677, step time: 1.0449
Batch 42/248, train_loss: 0.1113, step time: 1.0384
Batch 43/248, train_loss: 0.0897, step time: 1.0413
Batch 44/248, train_loss: 0.2360, step time: 1.0363
Batch 45/248, train_loss: 0.5114, step time: 1.0480
Batch 46/248, train_loss: 0.1683, step time: 1.0452
Batch 47/248, train_loss: 0.1134, step time: 1.0312
Batch 48/248, train_loss: 0.2991, step time: 1.0333
Batch 49/248, train_loss: 0.5094, step time: 1.0257
Batch 50/248, train_loss: 0.2110, step time: 1.0301
Batch 51/248, train_loss: 0.1742, step time: 1.0372
Batch 52/248, train_loss: 0.1596, step time: 1.0519
Batch 53/248, train_loss: 0.4584, step time: 1.0396
Batch 54/248, train_loss: 0.3026, step time: 1.0368
Batch 55/248, train_loss: 0.2920, step time: 1.0464
Batch 56/248, train_loss: 0.2008, step time: 1.0287
Batch 57/248, train_loss: 0.3380, step time: 1.0398
Batch 58/248, train_loss: 0.0896, step time: 1.0341
Batch 59/248, train_loss: 0.0979, step time: 1.0447
Batch 60/248, train_loss: 0.0801, step time: 1.0341
Batch 61/248, train_loss: 0.1076, step time: 1.0344
Batch 62/248, train_loss: 0.2940, step time: 1.0246
Batch 63/248, train_loss: 0.4577, step time: 1.0202
Batch 64/248, train_loss: 0.3966, step time: 1.0344
Batch 65/248, train_loss: 0.3330, step time: 1.0340
Batch 66/248, train_loss: 0.1502, step time: 1.0263
Batch 67/248, train_loss: 0.1005, step time: 1.0502
Batch 68/248, train_loss: 0.1105, step time: 1.0252
Batch 69/248, train_loss: 0.4994, step time: 1.0337
Batch 70/248, train_loss: 0.1927, step time: 1.0390
Batch 71/248, train_loss: 0.1821, step time: 1.0299
Batch 72/248, train_loss: 0.0632, step time: 1.0180
Batch 73/248, train_loss: 0.2904, step time: 1.0243
Batch 74/248, train_loss: 0.9898, step time: 1.0225
Batch 75/248, train_loss: 0.1733, step time: 1.0472
Batch 76/248, train_loss: 0.1001, step time: 1.0426
```

Batch 75/248, train_loss: 0.4001, step time: 1.0450
Batch 77/248, train_loss: 0.7763, step time: 1.0479
Batch 78/248, train_loss: 0.1399, step time: 1.0310
Batch 79/248, train_loss: 0.1364, step time: 1.0262
Batch 80/248, train_loss: 0.1983, step time: 1.0408
Batch 81/248, train_loss: 0.2139, step time: 1.0546
Batch 82/248, train_loss: 0.1260, step time: 1.0407
Batch 83/248, train_loss: 0.6210, step time: 1.0364
Batch 84/248, train_loss: 0.2904, step time: 1.0370
Batch 85/248, train_loss: 0.6428, step time: 1.0369
Batch 86/248, train_loss: 0.3726, step time: 1.0387
Batch 87/248, train_loss: 0.5760, step time: 1.0405
Batch 88/248, train_loss: 0.3498, step time: 1.0250
Batch 89/248, train_loss: 0.0893, step time: 1.0258
Batch 90/248, train_loss: 0.1926, step time: 1.0445
Batch 91/248, train_loss: 0.3471, step time: 1.0244
Batch 92/248, train_loss: 0.2759, step time: 1.0271
Batch 93/248, train_loss: 0.1712, step time: 1.0527
Batch 94/248, train_loss: 0.3186, step time: 1.0427
Batch 95/248, train_loss: 0.1828, step time: 1.0384
Batch 96/248, train_loss: 0.2412, step time: 1.0250
Batch 97/248, train_loss: 0.4175, step time: 1.0232
Batch 98/248, train_loss: 0.1281, step time: 1.0249
Batch 99/248, train_loss: 0.3105, step time: 1.0252
Batch 100/248, train_loss: 0.3375, step time: 1.0306
Batch 101/248, train_loss: 0.0695, step time: 1.0215
Batch 102/248, train_loss: 0.3856, step time: 1.0481
Batch 103/248, train_loss: 0.3765, step time: 1.0357
Batch 104/248, train_loss: 0.3276, step time: 1.0335
Batch 105/248, train_loss: 0.0921, step time: 1.0493
Batch 106/248, train_loss: 0.1504, step time: 1.0284
Batch 107/248, train_loss: 0.2814, step time: 1.0309
Batch 108/248, train_loss: 0.4471, step time: 1.0491
Batch 109/248, train_loss: 0.3264, step time: 1.0525
Batch 110/248, train_loss: 0.3994, step time: 1.0418
Batch 111/248, train_loss: 0.1210, step time: 1.0235
Batch 112/248, train_loss: 0.1588, step time: 1.0207
Batch 113/248, train_loss: 0.9929, step time: 1.0230
Batch 114/248, train_loss: 0.1753, step time: 1.0503
Batch 115/248, train_loss: 0.2478, step time: 1.0232
Batch 116/248, train_loss: 0.1229, step time: 1.0263
Batch 117/248, train_loss: 0.8501, step time: 1.0414
Batch 118/248, train_loss: 0.1847, step time: 1.0248
Batch 119/248, train_loss: 0.3298, step time: 1.0398
Batch 120/248, train_loss: 0.2819, step time: 1.0374
Batch 121/248, train_loss: 0.3403, step time: 1.0471
Batch 122/248, train_loss: 0.5301, step time: 1.0544
Batch 123/248, train_loss: 0.0762, step time: 1.0451
Batch 124/248, train_loss: 0.3218, step time: 1.0373
Batch 125/248, train_loss: 0.5034, step time: 1.0360
Batch 126/248, train_loss: 0.2607, step time: 1.0342
Batch 127/248, train_loss: 0.1600, step time: 1.0187
Batch 128/248, train_loss: 0.2031, step time: 1.0285
Batch 129/248, train_loss: 0.1205, step time: 1.0473
Batch 130/248, train_loss: 0.1100, step time: 1.0444
Batch 131/248, train_loss: 0.5513, step time: 1.0196
Batch 132/248, train_loss: 0.1850, step time: 1.0399
Batch 133/248, train_loss: 0.1460, step time: 1.0348
Batch 134/248, train_loss: 0.6261, step time: 1.0487
Batch 135/248, train_loss: 0.2302, step time: 1.0291
Batch 136/248, train_loss: 0.1566, step time: 1.0228
Batch 137/248, train_loss: 0.1746, step time: 1.0334
Batch 138/248, train_loss: 0.0767, step time: 1.0484
Batch 139/248, train_loss: 0.1917, step time: 1.0316
Batch 140/248, train_loss: 0.1848, step time: 1.0349
Batch 141/248, train_loss: 0.1914, step time: 1.0175
Batch 142/248, train_loss: 0.6362, step time: 1.0258
Batch 143/248, train_loss: 0.2685, step time: 1.0336
Batch 144/248, train_loss: 0.1467, step time: 1.0274
Batch 145/248, train_loss: 0.0876, step time: 1.0148
Batch 146/248, train_loss: 0.4204, step time: 1.0134
Batch 147/248, train_loss: 0.0627, step time: 1.0155
Batch 148/248, train_loss: 0.5141, step time: 1.0325
Batch 149/248, train_loss: 0.1619, step time: 1.0085
Batch 150/248, train_loss: 0.6045, step time: 1.0354
Batch 151/248, train_loss: 0.3429, step time: 1.0194
Batch 152/248, train_loss: 0.0492, step time: 1.0140
Batch 153/248, train_loss: 0.2115, step time: 1.0135
Batch 154/248, train_loss: 0.5186, step time: 1.0083
Batch 155/248, train_loss: 0.1392, step time: 1.0064
Batch 156/248, train_loss: 0.1774, step time: 1.0145
Batch 157/248, train_loss: 0.3514, step time: 1.0257
Batch 158/248, train_loss: 0.9976, step time: 1.0117
Batch 159/248, train_loss: 0.3947, step time: 1.0157
Batch 160/248, train_loss: 0.1068, step time: 1.0101
.....

Batch 161/248, train_loss: 0.0825, step time: 1.0233
Batch 162/248, train_loss: 0.0914, step time: 1.0105
Batch 163/248, train_loss: 0.1491, step time: 1.0293
Batch 164/248, train_loss: 0.1575, step time: 1.0115
Batch 165/248, train_loss: 0.4763, step time: 1.0148
Batch 166/248, train_loss: 0.0955, step time: 1.0136
Batch 167/248, train_loss: 0.2405, step time: 1.0226
Batch 168/248, train_loss: 0.1796, step time: 1.0076
Batch 169/248, train_loss: 0.1568, step time: 1.0150
Batch 170/248, train_loss: 0.4777, step time: 1.0101
Batch 171/248, train_loss: 0.1055, step time: 1.0016
Batch 172/248, train_loss: 0.4538, step time: 1.0220
Batch 173/248, train_loss: 0.0989, step time: 1.0052
Batch 174/248, train_loss: 0.7556, step time: 1.0152
Batch 175/248, train_loss: 0.1478, step time: 1.0152
Batch 176/248, train_loss: 0.3996, step time: 1.0005
Batch 177/248, train_loss: 0.2910, step time: 1.0049
Batch 178/248, train_loss: 0.1954, step time: 1.0104
Batch 179/248, train_loss: 0.1172, step time: 1.0110
Batch 180/248, train_loss: 0.3776, step time: 1.0032
Batch 181/248, train_loss: 0.1130, step time: 1.0059
Batch 182/248, train_loss: 0.8716, step time: 1.0067
Batch 183/248, train_loss: 0.1372, step time: 1.0105
Batch 184/248, train_loss: 0.2251, step time: 1.0121
Batch 185/248, train_loss: 0.1190, step time: 1.0067
Batch 186/248, train_loss: 0.1076, step time: 1.0114
Batch 187/248, train_loss: 0.2106, step time: 1.0089
Batch 188/248, train_loss: 0.2435, step time: 1.0058
Batch 189/248, train_loss: 0.5476, step time: 1.0140
Batch 190/248, train_loss: 0.1488, step time: 1.0024
Batch 191/248, train_loss: 0.6381, step time: 1.0269
Batch 192/248, train_loss: 0.2500, step time: 1.0168
Batch 193/248, train_loss: 0.2632, step time: 1.0157
Batch 194/248, train_loss: 0.0933, step time: 1.0275
Batch 195/248, train_loss: 0.6489, step time: 1.0296
Batch 196/248, train_loss: 0.9999, step time: 1.0025
Batch 197/248, train_loss: 0.2149, step time: 1.0027
Batch 198/248, train_loss: 0.9948, step time: 1.0084
Batch 199/248, train_loss: 0.1434, step time: 1.0153
Batch 200/248, train_loss: 0.1621, step time: 1.0191
Batch 201/248, train_loss: 0.1370, step time: 1.0031
Batch 202/248, train_loss: 0.4057, step time: 1.0166
Batch 203/248, train_loss: 0.4626, step time: 1.0064
Batch 204/248, train_loss: 0.1248, step time: 1.0133
Batch 205/248, train_loss: 0.3273, step time: 1.0120
Batch 206/248, train_loss: 0.3764, step time: 1.0183
Batch 207/248, train_loss: 0.0952, step time: 1.0078
Batch 208/248, train_loss: 0.1814, step time: 1.0055
Batch 209/248, train_loss: 0.1996, step time: 1.0288
Batch 210/248, train_loss: 0.0759, step time: 1.0240
Batch 211/248, train_loss: 0.0890, step time: 1.0258
Batch 212/248, train_loss: 0.2420, step time: 1.0175
Batch 213/248, train_loss: 0.2128, step time: 1.0180
Batch 214/248, train_loss: 0.1080, step time: 1.0034
Batch 215/248, train_loss: 0.2416, step time: 1.0217
Batch 216/248, train_loss: 0.2310, step time: 1.0035
Batch 217/248, train_loss: 0.3014, step time: 1.0104
Batch 218/248, train_loss: 0.7517, step time: 1.0131
Batch 219/248, train_loss: 0.0800, step time: 1.0012
Batch 220/248, train_loss: 0.2545, step time: 1.0055
Batch 221/248, train_loss: 0.2958, step time: 1.0059
Batch 222/248, train_loss: 0.2390, step time: 1.0186
Batch 223/248, train_loss: 0.0597, step time: 1.0011
Batch 224/248, train_loss: 0.1016, step time: 1.0241
Batch 225/248, train_loss: 0.2226, step time: 1.0140
Batch 226/248, train_loss: 0.1256, step time: 1.0137
Batch 227/248, train_loss: 0.1384, step time: 1.0061
Batch 228/248, train_loss: 0.1747, step time: 1.0053
Batch 229/248, train_loss: 0.1170, step time: 1.0247
Batch 230/248, train_loss: 0.0784, step time: 1.0171
Batch 231/248, train_loss: 0.3705, step time: 1.0299
Batch 232/248, train_loss: 0.0957, step time: 1.0203
Batch 233/248, train_loss: 0.7678, step time: 1.0313
Batch 234/248, train_loss: 0.4732, step time: 1.0078
Batch 235/248, train_loss: 0.3084, step time: 1.0143
Batch 236/248, train_loss: 0.7765, step time: 1.0132
Batch 237/248, train_loss: 0.1652, step time: 1.0073
Batch 238/248, train_loss: 0.1158, step time: 1.0253
Batch 239/248, train_loss: 0.0714, step time: 1.0019
Batch 240/248, train_loss: 0.3106, step time: 1.0111
Batch 241/248, train_loss: 0.7288, step time: 1.0260
Batch 242/248, train_loss: 0.2043, step time: 1.0264
Batch 243/248, train_loss: 0.4738, step time: 1.0147
Batch 244/248, train_loss: 0.4625, step time: 1.0172
Batch 245/248, train_loss: 0.1036, step time: 1.0141

```
Batch 246/248, train_loss: 0.5646, step time: 1.0054  
Batch 247/248, train_loss: 0.0912, step time: 1.0129  
Batch 248/248, train_loss: 0.9995, step time: 1.0060
```

Labels



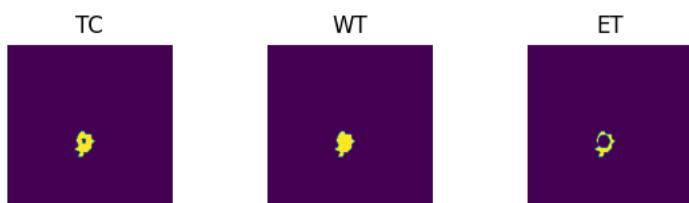
Predictions



VAL

```
Batch 1/31, val_loss: 0.8394  
Batch 2/31, val_loss: 0.9683  
Batch 3/31, val_loss: 0.9708  
Batch 4/31, val_loss: 0.9512  
Batch 5/31, val_loss: 0.9922  
Batch 6/31, val_loss: 0.6854  
Batch 7/31, val_loss: 0.8257  
Batch 8/31, val_loss: 0.9656  
Batch 9/31, val_loss: 0.6934  
Batch 10/31, val_loss: 0.9471  
Batch 11/31, val_loss: 0.8100  
Batch 12/31, val_loss: 0.9669  
Batch 13/31, val_loss: 0.9526  
Batch 14/31, val_loss: 0.9409  
Batch 15/31, val_loss: 0.9929  
Batch 16/31, val_loss: 0.9623  
Batch 17/31, val_loss: 0.9717  
Batch 18/31, val_loss: 0.9366  
Batch 19/31, val_loss: 0.7565  
Batch 20/31, val_loss: 0.8542  
Batch 21/31, val_loss: 0.9514  
Batch 22/31, val_loss: 0.9851  
Batch 23/31, val_loss: 0.9669  
Batch 24/31, val_loss: 0.7367  
Batch 25/31, val_loss: 0.7990  
Batch 26/31, val_loss: 0.9165  
Batch 27/31, val_loss: 0.9894  
Batch 28/31, val_loss: 0.7523  
Batch 29/31, val_loss: 0.9875  
Batch 30/31, val_loss: 0.9755  
Batch 31/31, val_loss: 0.9688
```

Labels



Predictions



epoch 67

```
average train loss: 0.2968  
average validation loss: 0.9036
```

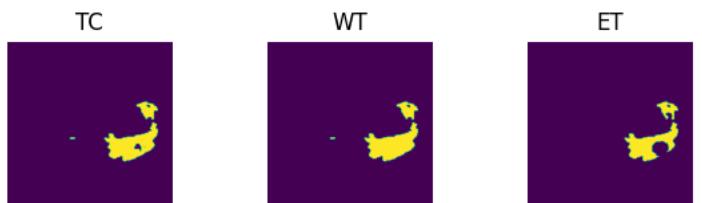
```
saved as best model: false
current mean dice: 0.5160
current TC dice: 0.5521
current WT dice: 0.5532
current ET dice: 0.4757
Best Mean Metric: 0.5343
time consuming of epoch 67 is: 1613.0791
-----
epoch 68/100
TRAIN
    Batch 1/248, train_loss: 0.0858, step time: 1.0325
    Batch 2/248, train_loss: 0.6651, step time: 1.0245
    Batch 3/248, train_loss: 0.3637, step time: 1.0245
    Batch 4/248, train_loss: 0.9709, step time: 1.0188
    Batch 5/248, train_loss: 0.1985, step time: 1.0158
    Batch 6/248, train_loss: 0.2284, step time: 1.0154
    Batch 7/248, train_loss: 0.0759, step time: 1.0151
    Batch 8/248, train_loss: 0.5781, step time: 1.0070
    Batch 9/248, train_loss: 0.0493, step time: 1.0106
    Batch 10/248, train_loss: 0.2770, step time: 1.0253
    Batch 11/248, train_loss: 0.2209, step time: 1.0082
    Batch 12/248, train_loss: 0.4093, step time: 1.0035
    Batch 13/248, train_loss: 0.3087, step time: 1.0327
    Batch 14/248, train_loss: 0.0613, step time: 1.0085
    Batch 15/248, train_loss: 0.3718, step time: 1.0082
    Batch 16/248, train_loss: 0.1831, step time: 1.0141
    Batch 17/248, train_loss: 0.2812, step time: 1.0243
    Batch 18/248, train_loss: 0.3082, step time: 1.0134
    Batch 19/248, train_loss: 0.1136, step time: 1.0225
    Batch 20/248, train_loss: 0.1705, step time: 1.0052
    Batch 21/248, train_loss: 0.0630, step time: 1.0034
    Batch 22/248, train_loss: 0.4034, step time: 1.0134
    Batch 23/248, train_loss: 0.3887, step time: 1.0199
    Batch 24/248, train_loss: 0.0934, step time: 1.0095
    Batch 25/248, train_loss: 0.0853, step time: 1.0143
    Batch 26/248, train_loss: 0.4149, step time: 1.0239
    Batch 27/248, train_loss: 0.0846, step time: 1.0167
    Batch 28/248, train_loss: 0.1968, step time: 1.0186
    Batch 29/248, train_loss: 0.3650, step time: 1.0043
    Batch 30/248, train_loss: 0.4611, step time: 1.0247
    Batch 31/248, train_loss: 0.3495, step time: 1.0104
    Batch 32/248, train_loss: 0.1054, step time: 1.0136
    Batch 33/248, train_loss: 0.0822, step time: 1.0168
    Batch 34/248, train_loss: 0.0511, step time: 1.0190
    Batch 35/248, train_loss: 0.0611, step time: 1.0017
    Batch 36/248, train_loss: 0.3801, step time: 1.0272
    Batch 37/248, train_loss: 0.2189, step time: 1.0178
    Batch 38/248, train_loss: 0.2891, step time: 1.0141
    Batch 39/248, train_loss: 0.2627, step time: 1.0140
    Batch 40/248, train_loss: 0.9088, step time: 1.0082
    Batch 41/248, train_loss: 0.1898, step time: 1.0189
    Batch 42/248, train_loss: 0.0929, step time: 1.0144
    Batch 43/248, train_loss: 0.0637, step time: 1.0094
    Batch 44/248, train_loss: 0.1819, step time: 1.0196
    Batch 45/248, train_loss: 0.5613, step time: 1.0073
    Batch 46/248, train_loss: 0.1845, step time: 1.0207
    Batch 47/248, train_loss: 0.0980, step time: 1.0035
    Batch 48/248, train_loss: 0.2249, step time: 1.0144
    Batch 49/248, train_loss: 0.3829, step time: 1.0086
    Batch 50/248, train_loss: 0.1888, step time: 1.0255
    Batch 51/248, train_loss: 0.1556, step time: 1.0261
    Batch 52/248, train_loss: 0.1548, step time: 1.0044
    Batch 53/248, train_loss: 0.4217, step time: 1.0201
    Batch 54/248, train_loss: 0.2934, step time: 1.0036
    Batch 55/248, train_loss: 0.2834, step time: 1.0053
    Batch 56/248, train_loss: 0.2198, step time: 1.0160
    Batch 57/248, train_loss: 0.3072, step time: 1.0032
    Batch 58/248, train_loss: 0.0940, step time: 1.0141
    Batch 59/248, train_loss: 0.1006, step time: 1.0018
    Batch 60/248, train_loss: 0.0772, step time: 1.0189
    Batch 61/248, train_loss: 0.1813, step time: 1.0245
    Batch 62/248, train_loss: 0.2535, step time: 1.0213
    Batch 63/248, train_loss: 0.4312, step time: 1.0108
    Batch 64/248, train_loss: 0.3874, step time: 1.0173
    Batch 65/248, train_loss: 0.2829, step time: 1.0258
    Batch 66/248, train_loss: 0.1500, step time: 1.0094
    Batch 67/248, train_loss: 0.1004, step time: 1.0036
    Batch 68/248, train_loss: 0.1258, step time: 1.0086
    Batch 69/248, train_loss: 0.4072, step time: 1.0121
    Batch 70/248, train_loss: 0.1868, step time: 1.0020
    Batch 71/248, train_loss: 0.1674, step time: 1.0056
    Batch 72/248, train_loss: 0.0653, step time: 1.0092
    Batch 73/248, train_loss: 0.1813, step time: 1.0217
    Batch 74/248, train_loss: 0.9929, step time: 1.0244
    Batch 75/248, train_loss: 0.1640, step time: 1.0243
```

Batch 76/248, train_loss: 0.5495, step time: 1.0067
Batch 77/248, train_loss: 0.6850, step time: 1.0234
Batch 78/248, train_loss: 0.1438, step time: 1.0041
Batch 79/248, train_loss: 0.1170, step time: 1.0081
Batch 80/248, train_loss: 0.2049, step time: 1.0078
Batch 81/248, train_loss: 0.1992, step time: 1.0260
Batch 82/248, train_loss: 0.1282, step time: 1.0154
Batch 83/248, train_loss: 0.6309, step time: 1.0035
Batch 84/248, train_loss: 0.2332, step time: 1.0030
Batch 85/248, train_loss: 0.5058, step time: 1.0099
Batch 86/248, train_loss: 0.2709, step time: 1.0106
Batch 87/248, train_loss: 0.5079, step time: 1.0103
Batch 88/248, train_loss: 0.3542, step time: 1.0133
Batch 89/248, train_loss: 0.0824, step time: 1.0073
Batch 90/248, train_loss: 0.2013, step time: 1.0078
Batch 91/248, train_loss: 0.3721, step time: 1.0226
Batch 92/248, train_loss: 0.2706, step time: 1.0127
Batch 93/248, train_loss: 0.1649, step time: 1.0069
Batch 94/248, train_loss: 0.3146, step time: 1.0241
Batch 95/248, train_loss: 0.1778, step time: 1.0251
Batch 96/248, train_loss: 0.1993, step time: 1.0140
Batch 97/248, train_loss: 0.3452, step time: 1.0027
Batch 98/248, train_loss: 0.1209, step time: 1.0185
Batch 99/248, train_loss: 0.3007, step time: 1.0289
Batch 100/248, train_loss: 0.2929, step time: 1.0165
Batch 101/248, train_loss: 0.0636, step time: 1.0176
Batch 102/248, train_loss: 0.1165, step time: 1.0043
Batch 103/248, train_loss: 0.3494, step time: 1.0119
Batch 104/248, train_loss: 0.3487, step time: 1.0131
Batch 105/248, train_loss: 0.0896, step time: 1.0245
Batch 106/248, train_loss: 0.1451, step time: 1.0160
Batch 107/248, train_loss: 0.2477, step time: 1.0086
Batch 108/248, train_loss: 0.5673, step time: 1.0213
Batch 109/248, train_loss: 0.3071, step time: 1.0285
Batch 110/248, train_loss: 0.3430, step time: 1.0167
Batch 111/248, train_loss: 0.1036, step time: 1.0260
Batch 112/248, train_loss: 0.1568, step time: 1.0062
Batch 113/248, train_loss: 0.9901, step time: 1.0260
Batch 114/248, train_loss: 0.1580, step time: 1.0092
Batch 115/248, train_loss: 0.1401, step time: 1.0021
Batch 116/248, train_loss: 0.0837, step time: 1.0062
Batch 117/248, train_loss: 0.7231, step time: 1.0283
Batch 118/248, train_loss: 0.1794, step time: 1.0210
Batch 119/248, train_loss: 0.2857, step time: 1.0240
Batch 120/248, train_loss: 0.2389, step time: 1.0066
Batch 121/248, train_loss: 0.3490, step time: 1.0043
Batch 122/248, train_loss: 0.4042, step time: 1.0030
Batch 123/248, train_loss: 0.0701, step time: 1.0024
Batch 124/248, train_loss: 0.2834, step time: 1.0279
Batch 125/248, train_loss: 0.4703, step time: 1.0260
Batch 126/248, train_loss: 0.1923, step time: 1.0125
Batch 127/248, train_loss: 0.1501, step time: 1.0258
Batch 128/248, train_loss: 0.1773, step time: 1.0018
Batch 129/248, train_loss: 0.1248, step time: 1.0226
Batch 130/248, train_loss: 0.1083, step time: 1.0212
Batch 131/248, train_loss: 0.4212, step time: 1.0017
Batch 132/248, train_loss: 0.1734, step time: 1.0141
Batch 133/248, train_loss: 0.1592, step time: 1.0211
Batch 134/248, train_loss: 0.5197, step time: 1.0130
Batch 135/248, train_loss: 0.3352, step time: 1.0200
Batch 136/248, train_loss: 0.1297, step time: 1.0085
Batch 137/248, train_loss: 0.1329, step time: 1.0131
Batch 138/248, train_loss: 0.0733, step time: 1.0023
Batch 139/248, train_loss: 0.1663, step time: 1.0142
Batch 140/248, train_loss: 0.1709, step time: 1.0082
Batch 141/248, train_loss: 0.1808, step time: 1.0022
Batch 142/248, train_loss: 0.5357, step time: 1.0134
Batch 143/248, train_loss: 0.2599, step time: 1.0017
Batch 144/248, train_loss: 0.1449, step time: 1.0170
Batch 145/248, train_loss: 0.0646, step time: 1.0081
Batch 146/248, train_loss: 0.3287, step time: 1.0190
Batch 147/248, train_loss: 0.0569, step time: 1.0291
Batch 148/248, train_loss: 0.5028, step time: 1.0009
Batch 149/248, train_loss: 0.1645, step time: 1.0150
Batch 150/248, train_loss: 0.5715, step time: 1.0076
Batch 151/248, train_loss: 0.3056, step time: 1.0082
Batch 152/248, train_loss: 0.0544, step time: 1.0165
Batch 153/248, train_loss: 0.3304, step time: 1.0091
Batch 154/248, train_loss: 0.4999, step time: 1.0178
Batch 155/248, train_loss: 0.1175, step time: 1.0146
Batch 156/248, train_loss: 0.3196, step time: 1.0269
Batch 157/248, train_loss: 0.3925, step time: 1.0065
Batch 158/248, train_loss: 0.9999, step time: 1.0020
Batch 159/248, train_loss: 0.3373, step time: 1.0113
Batch 160/248, train_loss: 0.0956, step time: 1.0102

Batch 161/248, train_loss: 0.0778, step time: 1.0073
Batch 162/248, train_loss: 0.1368, step time: 1.0095
Batch 163/248, train_loss: 0.1606, step time: 1.0073
Batch 164/248, train_loss: 0.2070, step time: 1.0099
Batch 165/248, train_loss: 0.6574, step time: 1.0226
Batch 166/248, train_loss: 0.1093, step time: 1.0295
Batch 167/248, train_loss: 0.2233, step time: 1.0211
Batch 168/248, train_loss: 0.1783, step time: 1.0023
Batch 169/248, train_loss: 0.1527, step time: 1.0050
Batch 170/248, train_loss: 0.4779, step time: 1.0156
Batch 171/248, train_loss: 0.1115, step time: 1.0049
Batch 172/248, train_loss: 0.4628, step time: 1.0149
Batch 173/248, train_loss: 0.0959, step time: 1.0198
Batch 174/248, train_loss: 0.7336, step time: 1.0136
Batch 175/248, train_loss: 0.1836, step time: 1.0073
Batch 176/248, train_loss: 0.4019, step time: 1.0015
Batch 177/248, train_loss: 0.2567, step time: 1.0201
Batch 178/248, train_loss: 0.2662, step time: 1.0204
Batch 179/248, train_loss: 0.1255, step time: 1.0175
Batch 180/248, train_loss: 0.4115, step time: 1.0048
Batch 181/248, train_loss: 0.1216, step time: 1.0254
Batch 182/248, train_loss: 0.8479, step time: 1.0062
Batch 183/248, train_loss: 0.1337, step time: 1.0263
Batch 184/248, train_loss: 0.3122, step time: 1.0213
Batch 185/248, train_loss: 0.1128, step time: 1.0132
Batch 186/248, train_loss: 0.0974, step time: 1.0191
Batch 187/248, train_loss: 0.1974, step time: 1.0173
Batch 188/248, train_loss: 0.2400, step time: 1.0192
Batch 189/248, train_loss: 0.5031, step time: 1.0042
Batch 190/248, train_loss: 0.1628, step time: 1.0038
Batch 191/248, train_loss: 0.6445, step time: 1.0247
Batch 192/248, train_loss: 0.2056, step time: 1.0193
Batch 193/248, train_loss: 0.2488, step time: 1.0068
Batch 194/248, train_loss: 0.1190, step time: 1.0047
Batch 195/248, train_loss: 0.6573, step time: 1.0094
Batch 196/248, train_loss: 0.9993, step time: 1.0091
Batch 197/248, train_loss: 0.1991, step time: 1.0021
Batch 198/248, train_loss: 0.9842, step time: 1.0101
Batch 199/248, train_loss: 0.1718, step time: 1.0084
Batch 200/248, train_loss: 0.1656, step time: 1.0236
Batch 201/248, train_loss: 0.1364, step time: 1.0030
Batch 202/248, train_loss: 0.4268, step time: 1.0041
Batch 203/248, train_loss: 0.4183, step time: 1.0170
Batch 204/248, train_loss: 0.1656, step time: 1.0045
Batch 205/248, train_loss: 0.3236, step time: 1.0260
Batch 206/248, train_loss: 0.3320, step time: 1.0045
Batch 207/248, train_loss: 0.1026, step time: 1.0035
Batch 208/248, train_loss: 0.1622, step time: 1.0206
Batch 209/248, train_loss: 0.1649, step time: 1.0157
Batch 210/248, train_loss: 0.0725, step time: 1.0156
Batch 211/248, train_loss: 0.0922, step time: 1.0199
Batch 212/248, train_loss: 0.2213, step time: 1.0248
Batch 213/248, train_loss: 0.1797, step time: 1.0190
Batch 214/248, train_loss: 0.1018, step time: 1.0267
Batch 215/248, train_loss: 0.3003, step time: 1.0113
Batch 216/248, train_loss: 0.1965, step time: 1.0112
Batch 217/248, train_loss: 0.2826, step time: 1.0099
Batch 218/248, train_loss: 0.7275, step time: 1.0251
Batch 219/248, train_loss: 0.0857, step time: 1.0210
Batch 220/248, train_loss: 0.2568, step time: 1.0100
Batch 221/248, train_loss: 0.2915, step time: 1.0205
Batch 222/248, train_loss: 0.2313, step time: 1.0194
Batch 223/248, train_loss: 0.0599, step time: 1.0209
Batch 224/248, train_loss: 0.1018, step time: 1.0034
Batch 225/248, train_loss: 0.2229, step time: 1.0034
Batch 226/248, train_loss: 0.1480, step time: 1.0192
Batch 227/248, train_loss: 0.1329, step time: 1.0167
Batch 228/248, train_loss: 0.1749, step time: 1.0257
Batch 229/248, train_loss: 0.1092, step time: 1.0073
Batch 230/248, train_loss: 0.0797, step time: 1.0009
Batch 231/248, train_loss: 0.3733, step time: 1.0184
Batch 232/248, train_loss: 0.0874, step time: 1.0010
Batch 233/248, train_loss: 0.8017, step time: 1.0017
Batch 234/248, train_loss: 0.4783, step time: 1.0041
Batch 235/248, train_loss: 0.3069, step time: 1.0166
Batch 236/248, train_loss: 0.8087, step time: 1.0130
Batch 237/248, train_loss: 0.1601, step time: 1.0287
Batch 238/248, train_loss: 0.1052, step time: 1.0037
Batch 239/248, train_loss: 0.0707, step time: 1.0161
Batch 240/248, train_loss: 0.3117, step time: 1.0042
Batch 241/248, train_loss: 0.7095, step time: 1.0139
Batch 242/248, train_loss: 0.1943, step time: 1.0106
Batch 243/248, train_loss: 0.4440, step time: 1.0035
Batch 244/248, train_loss: 0.3687, step time: 1.0200
Batch 245/248, train_loss: 0.1091, step time: 1.0106

```
Batch 245/248, train_loss: 0.1094, step time: 1.0100  
Batch 246/248, train_loss: 0.5399, step time: 1.0242  
Batch 247/248, train_loss: 0.0930, step time: 1.0212  
Batch 248/248, train_loss: 0.9997, step time: 1.0253
```

Labels



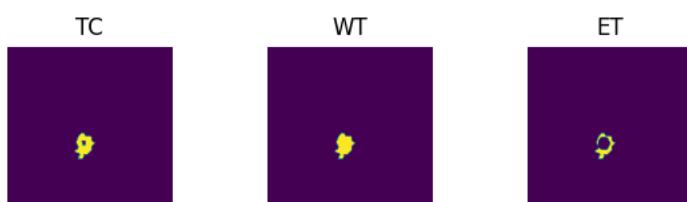
Predictions



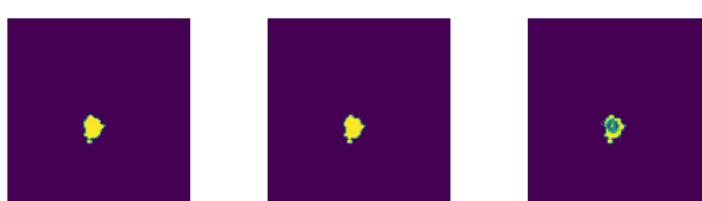
VAL

```
Batch 1/31, val_loss: 0.8519  
Batch 2/31, val_loss: 0.9503  
Batch 3/31, val_loss: 0.9737  
Batch 4/31, val_loss: 0.9586  
Batch 5/31, val_loss: 0.9913  
Batch 6/31, val_loss: 0.6851  
Batch 7/31, val_loss: 0.8296  
Batch 8/31, val_loss: 0.9607  
Batch 9/31, val_loss: 0.6939  
Batch 10/31, val_loss: 0.9330  
Batch 11/31, val_loss: 0.8087  
Batch 12/31, val_loss: 0.9692  
Batch 13/31, val_loss: 0.9521  
Batch 14/31, val_loss: 0.9451  
Batch 15/31, val_loss: 0.9926  
Batch 16/31, val_loss: 0.9592  
Batch 17/31, val_loss: 0.9656  
Batch 18/31, val_loss: 0.9348  
Batch 19/31, val_loss: 0.7558  
Batch 20/31, val_loss: 0.8549  
Batch 21/31, val_loss: 0.9523  
Batch 22/31, val_loss: 0.9867  
Batch 23/31, val_loss: 0.9686  
Batch 24/31, val_loss: 0.7372  
Batch 25/31, val_loss: 0.7961  
Batch 26/31, val_loss: 0.9139  
Batch 27/31, val_loss: 0.9907  
Batch 28/31, val_loss: 0.7476  
Batch 29/31, val_loss: 0.9871  
Batch 30/31, val_loss: 0.9670  
Batch 31/31, val_loss: 0.9682
```

Labels



Predictions



epoch 68

```
average train loss: 0.2789  
average validation loss: 0.9024
```

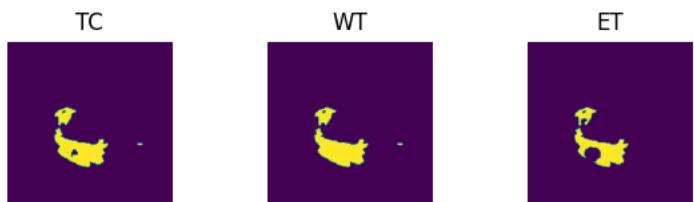
```
saved as best model: False
current mean dice: 0.5100
current TC dice: 0.5461
current WT dice: 0.5466
current ET dice: 0.4751
Best Mean Metric: 0.5343
time consuming of epoch 68 is: 1598.5266
-----
epoch 69/100
TRAIN
    Batch 1/248, train_loss: 0.0869, step time: 1.0295
    Batch 2/248, train_loss: 0.7088, step time: 1.0317
    Batch 3/248, train_loss: 0.4143, step time: 1.0081
    Batch 4/248, train_loss: 0.9984, step time: 1.0234
    Batch 5/248, train_loss: 0.1852, step time: 1.0074
    Batch 6/248, train_loss: 0.3034, step time: 1.0133
    Batch 7/248, train_loss: 0.0800, step time: 1.0231
    Batch 8/248, train_loss: 0.5966, step time: 1.0037
    Batch 9/248, train_loss: 0.0497, step time: 1.0068
    Batch 10/248, train_loss: 0.2751, step time: 1.0134
    Batch 11/248, train_loss: 0.2206, step time: 1.0120
    Batch 12/248, train_loss: 0.3482, step time: 1.0190
    Batch 13/248, train_loss: 0.3170, step time: 1.0048
    Batch 14/248, train_loss: 0.0751, step time: 1.0097
    Batch 15/248, train_loss: 0.3672, step time: 1.0173
    Batch 16/248, train_loss: 0.1804, step time: 1.0274
    Batch 17/248, train_loss: 0.2717, step time: 1.0204
    Batch 18/248, train_loss: 0.3106, step time: 1.0071
    Batch 19/248, train_loss: 0.1232, step time: 1.0142
    Batch 20/248, train_loss: 0.1245, step time: 1.0070
    Batch 21/248, train_loss: 0.0609, step time: 1.0205
    Batch 22/248, train_loss: 0.4847, step time: 1.0082
    Batch 23/248, train_loss: 0.3841, step time: 1.0058
    Batch 24/248, train_loss: 0.0984, step time: 1.0089
    Batch 25/248, train_loss: 0.0840, step time: 1.0173
    Batch 26/248, train_loss: 0.3986, step time: 1.0141
    Batch 27/248, train_loss: 0.0865, step time: 1.0108
    Batch 28/248, train_loss: 0.1893, step time: 1.0108
    Batch 29/248, train_loss: 0.3739, step time: 1.0057
    Batch 30/248, train_loss: 0.2889, step time: 0.9999
    Batch 31/248, train_loss: 0.3202, step time: 1.0173
    Batch 32/248, train_loss: 0.1083, step time: 1.0118
    Batch 33/248, train_loss: 0.0816, step time: 1.0068
    Batch 34/248, train_loss: 0.0516, step time: 1.0047
    Batch 35/248, train_loss: 0.0626, step time: 1.0152
    Batch 36/248, train_loss: 0.3930, step time: 1.0219
    Batch 37/248, train_loss: 0.2017, step time: 1.0121
    Batch 38/248, train_loss: 0.3098, step time: 1.0199
    Batch 39/248, train_loss: 0.1882, step time: 1.0092
    Batch 40/248, train_loss: 0.8151, step time: 1.0240
    Batch 41/248, train_loss: 0.1748, step time: 1.0190
    Batch 42/248, train_loss: 0.0937, step time: 1.0256
    Batch 43/248, train_loss: 0.0702, step time: 1.0021
    Batch 44/248, train_loss: 0.1705, step time: 1.0069
    Batch 45/248, train_loss: 0.5223, step time: 1.0131
    Batch 46/248, train_loss: 0.1737, step time: 1.0270
    Batch 47/248, train_loss: 0.0971, step time: 1.0096
    Batch 48/248, train_loss: 0.2402, step time: 1.0190
    Batch 49/248, train_loss: 0.4982, step time: 1.0199
    Batch 50/248, train_loss: 0.1945, step time: 1.0326
    Batch 51/248, train_loss: 0.1587, step time: 1.0085
    Batch 52/248, train_loss: 0.1611, step time: 1.0171
    Batch 53/248, train_loss: 0.4104, step time: 1.0195
    Batch 54/248, train_loss: 0.3032, step time: 1.0100
    Batch 55/248, train_loss: 0.2725, step time: 1.0173
    Batch 56/248, train_loss: 0.1907, step time: 1.0125
    Batch 57/248, train_loss: 0.2899, step time: 1.0275
    Batch 58/248, train_loss: 0.0929, step time: 1.0129
    Batch 59/248, train_loss: 0.0983, step time: 1.0187
    Batch 60/248, train_loss: 0.0773, step time: 1.0220
    Batch 61/248, train_loss: 0.0994, step time: 1.0140
    Batch 62/248, train_loss: 0.2888, step time: 1.0019
    Batch 63/248, train_loss: 0.4250, step time: 1.0179
    Batch 64/248, train_loss: 0.3957, step time: 1.0130
    Batch 65/248, train_loss: 0.2717, step time: 1.0234
    Batch 66/248, train_loss: 0.1492, step time: 1.0061
    Batch 67/248, train_loss: 0.0987, step time: 1.0258
    Batch 68/248, train_loss: 0.1143, step time: 1.0038
    Batch 69/248, train_loss: 0.3525, step time: 1.0030
    Batch 70/248, train_loss: 0.1889, step time: 1.0010
    Batch 71/248, train_loss: 0.1303, step time: 1.0022
    Batch 72/248, train_loss: 0.0678, step time: 1.0063
    Batch 73/248, train_loss: 0.1216, step time: 1.0231
    Batch 74/248, train_loss: 0.9885, step time: 1.0097
    Batch 75/248, train loss: 0.1649, step time: 1.0089
```

Batch 76/248, train_loss: 0.4761, step time: 1.0144
Batch 77/248, train_loss: 0.6719, step time: 1.0093
Batch 78/248, train_loss: 0.1297, step time: 1.0080
Batch 79/248, train_loss: 0.1347, step time: 1.0238
Batch 80/248, train_loss: 0.2035, step time: 1.0235
Batch 81/248, train_loss: 0.2047, step time: 1.0192
Batch 82/248, train_loss: 0.1244, step time: 1.1409
Batch 83/248, train_loss: 0.6223, step time: 1.0066
Batch 84/248, train_loss: 0.2283, step time: 1.0270
Batch 85/248, train_loss: 0.3975, step time: 1.0234
Batch 86/248, train_loss: 0.2595, step time: 1.0256
Batch 87/248, train_loss: 0.5204, step time: 1.0125
Batch 88/248, train_loss: 0.3398, step time: 1.0023
Batch 89/248, train_loss: 0.0844, step time: 1.0222
Batch 90/248, train_loss: 0.1873, step time: 1.0065
Batch 91/248, train_loss: 0.3599, step time: 1.0157
Batch 92/248, train_loss: 0.3426, step time: 1.0202
Batch 93/248, train_loss: 0.1741, step time: 1.0176
Batch 94/248, train_loss: 0.3143, step time: 1.0063
Batch 95/248, train_loss: 0.1623, step time: 1.0020
Batch 96/248, train_loss: 0.1924, step time: 1.0096
Batch 97/248, train_loss: 0.3268, step time: 1.0245
Batch 98/248, train_loss: 0.1178, step time: 1.0081
Batch 99/248, train_loss: 0.2953, step time: 1.0268
Batch 100/248, train_loss: 0.3371, step time: 1.0138
Batch 101/248, train_loss: 0.0689, step time: 1.0155
Batch 102/248, train_loss: 0.1116, step time: 1.0013
Batch 103/248, train_loss: 0.3069, step time: 1.0147
Batch 104/248, train_loss: 0.3234, step time: 1.0147
Batch 105/248, train_loss: 0.0896, step time: 1.0221
Batch 106/248, train_loss: 0.1360, step time: 1.0063
Batch 107/248, train_loss: 0.2263, step time: 1.0014
Batch 108/248, train_loss: 0.4392, step time: 1.0225
Batch 109/248, train_loss: 0.3121, step time: 1.0074
Batch 110/248, train_loss: 0.3256, step time: 1.0074
Batch 111/248, train_loss: 0.1015, step time: 1.0241
Batch 112/248, train_loss: 0.1423, step time: 1.0215
Batch 113/248, train_loss: 0.9973, step time: 1.0259
Batch 114/248, train_loss: 0.1550, step time: 1.0049
Batch 115/248, train_loss: 0.1534, step time: 1.0048
Batch 116/248, train_loss: 0.0879, step time: 1.0153
Batch 117/248, train_loss: 0.7867, step time: 1.0255
Batch 118/248, train_loss: 0.5809, step time: 1.0102
Batch 119/248, train_loss: 0.2966, step time: 1.0193
Batch 120/248, train_loss: 0.2435, step time: 1.0126
Batch 121/248, train_loss: 0.3495, step time: 1.0183
Batch 122/248, train_loss: 0.4234, step time: 1.0252
Batch 123/248, train_loss: 0.0822, step time: 1.0069
Batch 124/248, train_loss: 0.2695, step time: 1.0264
Batch 125/248, train_loss: 0.6056, step time: 1.0171
Batch 126/248, train_loss: 0.1957, step time: 1.0019
Batch 127/248, train_loss: 0.1533, step time: 1.0042
Batch 128/248, train_loss: 0.2231, step time: 1.0132
Batch 129/248, train_loss: 0.1206, step time: 1.0150
Batch 130/248, train_loss: 0.1051, step time: 1.0108
Batch 131/248, train_loss: 0.5096, step time: 1.0245
Batch 132/248, train_loss: 0.1683, step time: 1.0106
Batch 133/248, train_loss: 0.1654, step time: 1.0169
Batch 134/248, train_loss: 0.5091, step time: 1.0015
Batch 135/248, train_loss: 0.2642, step time: 1.0290
Batch 136/248, train_loss: 0.1333, step time: 1.0241
Batch 137/248, train_loss: 0.1425, step time: 1.0197
Batch 138/248, train_loss: 0.0747, step time: 1.0054
Batch 139/248, train_loss: 0.1846, step time: 1.0106
Batch 140/248, train_loss: 0.1717, step time: 1.0121
Batch 141/248, train_loss: 0.1654, step time: 1.0028
Batch 142/248, train_loss: 0.6265, step time: 1.0262
Batch 143/248, train_loss: 0.2507, step time: 1.0176
Batch 144/248, train_loss: 0.1465, step time: 1.0200
Batch 145/248, train_loss: 0.0669, step time: 1.0127
Batch 146/248, train_loss: 0.3509, step time: 1.0199
Batch 147/248, train_loss: 0.0594, step time: 1.0007
Batch 148/248, train_loss: 0.5099, step time: 1.0180
Batch 149/248, train_loss: 0.1636, step time: 1.0029
Batch 150/248, train_loss: 0.6005, step time: 1.0244
Batch 151/248, train_loss: 0.2903, step time: 1.0188
Batch 152/248, train_loss: 0.0492, step time: 1.0003
Batch 153/248, train_loss: 0.2136, step time: 1.0106
Batch 154/248, train_loss: 0.5410, step time: 1.0158
Batch 155/248, train_loss: 0.1398, step time: 1.0223
Batch 156/248, train_loss: 0.1634, step time: 1.0083
Batch 157/248, train_loss: 0.3534, step time: 1.0211
Batch 158/248, train_loss: 0.9962, step time: 1.0182
Batch 159/248, train_loss: 0.3518, step time: 1.0070
Batch 160/248, train_loss: 0.0006, step time: 1.0110

Batch 100/248, train_loss: 0.0550, step time: 1.0110
Batch 101/248, train_loss: 0.0647, step time: 1.0126
Batch 102/248, train_loss: 0.0928, step time: 1.0205
Batch 103/248, train_loss: 0.1385, step time: 1.0151
Batch 104/248, train_loss: 0.1646, step time: 1.0237
Batch 105/248, train_loss: 0.4705, step time: 1.0052
Batch 106/248, train_loss: 0.1125, step time: 1.0131
Batch 107/248, train_loss: 0.2300, step time: 1.0199
Batch 108/248, train_loss: 0.1936, step time: 1.0015
Batch 109/248, train_loss: 0.1467, step time: 1.0052
Batch 110/248, train_loss: 0.4863, step time: 1.0240
Batch 111/248, train_loss: 0.1073, step time: 1.0009
Batch 112/248, train_loss: 0.4230, step time: 1.0228
Batch 113/248, train_loss: 0.0851, step time: 1.0110
Batch 114/248, train_loss: 0.5694, step time: 1.0068
Batch 115/248, train_loss: 0.1431, step time: 1.0111
Batch 116/248, train_loss: 0.3867, step time: 1.0167
Batch 117/248, train_loss: 0.2649, step time: 1.0016
Batch 118/248, train_loss: 0.1886, step time: 1.0037
Batch 119/248, train_loss: 0.1078, step time: 1.0042
Batch 120/248, train_loss: 0.3685, step time: 1.0091
Batch 121/248, train_loss: 0.1092, step time: 1.0163
Batch 122/248, train_loss: 0.8620, step time: 1.0027
Batch 123/248, train_loss: 0.1327, step time: 1.0055
Batch 124/248, train_loss: 0.2440, step time: 1.0069
Batch 125/248, train_loss: 0.1131, step time: 1.0161
Batch 126/248, train_loss: 0.1038, step time: 1.0121
Batch 127/248, train_loss: 0.1951, step time: 1.0174
Batch 128/248, train_loss: 0.2244, step time: 1.0116
Batch 129/248, train_loss: 0.5918, step time: 1.0135
Batch 130/248, train_loss: 0.1476, step time: 1.0104
Batch 131/248, train_loss: 0.6319, step time: 1.0090
Batch 132/248, train_loss: 0.2183, step time: 1.0078
Batch 133/248, train_loss: 0.2682, step time: 1.0194
Batch 134/248, train_loss: 0.0955, step time: 1.0074
Batch 135/248, train_loss: 0.6101, step time: 1.0028
Batch 136/248, train_loss: 1.0000, step time: 1.0169
Batch 137/248, train_loss: 0.2045, step time: 1.0131
Batch 138/248, train_loss: 0.9862, step time: 1.0085
Batch 139/248, train_loss: 0.1490, step time: 1.0231
Batch 140/248, train_loss: 0.1463, step time: 1.0037
Batch 141/248, train_loss: 0.1339, step time: 1.0283
Batch 142/248, train_loss: 0.4406, step time: 1.0152
Batch 143/248, train_loss: 0.4240, step time: 1.0289
Batch 144/248, train_loss: 0.1299, step time: 1.0057
Batch 145/248, train_loss: 0.3571, step time: 1.0246
Batch 146/248, train_loss: 0.3657, step time: 1.0056
Batch 147/248, train_loss: 0.0909, step time: 1.0006
Batch 148/248, train_loss: 0.1541, step time: 1.0015
Batch 149/248, train_loss: 0.1345, step time: 1.0181
Batch 150/248, train_loss: 0.0721, step time: 1.0051
Batch 151/248, train_loss: 0.0885, step time: 1.0144
Batch 152/248, train_loss: 0.2063, step time: 1.0276
Batch 153/248, train_loss: 0.1848, step time: 1.0076
Batch 154/248, train_loss: 0.1030, step time: 1.0066
Batch 155/248, train_loss: 0.2606, step time: 1.0171
Batch 156/248, train_loss: 0.1859, step time: 1.0097
Batch 157/248, train_loss: 0.2762, step time: 1.0091
Batch 158/248, train_loss: 0.7456, step time: 1.0080
Batch 159/248, train_loss: 0.0822, step time: 1.0211
Batch 160/248, train_loss: 0.2782, step time: 1.0023
Batch 161/248, train_loss: 0.2795, step time: 1.0058
Batch 162/248, train_loss: 0.2349, step time: 1.0089
Batch 163/248, train_loss: 0.0588, step time: 1.0009
Batch 164/248, train_loss: 0.1023, step time: 1.0251
Batch 165/248, train_loss: 0.2156, step time: 1.0174
Batch 166/248, train_loss: 0.1328, step time: 1.0090
Batch 167/248, train_loss: 0.1347, step time: 1.0255
Batch 168/248, train_loss: 0.1717, step time: 1.0248
Batch 169/248, train_loss: 0.1116, step time: 1.0269
Batch 170/248, train_loss: 0.0783, step time: 1.0021
Batch 171/248, train_loss: 0.3750, step time: 1.0054
Batch 172/248, train_loss: 0.0919, step time: 1.0150
Batch 173/248, train_loss: 0.7778, step time: 1.0115
Batch 174/248, train_loss: 0.4429, step time: 1.0118
Batch 175/248, train_loss: 0.3261, step time: 1.0089
Batch 176/248, train_loss: 0.7759, step time: 1.0186
Batch 177/248, train_loss: 0.1606, step time: 1.0143
Batch 178/248, train_loss: 0.1078, step time: 1.0029
Batch 179/248, train_loss: 0.0658, step time: 1.0131
Batch 180/248, train_loss: 0.3501, step time: 1.0284
Batch 181/248, train_loss: 0.8017, step time: 1.0051
Batch 182/248, train_loss: 0.1901, step time: 1.0200
Batch 183/248, train_loss: 0.4419, step time: 1.0041
Batch 184/248, train_loss: 0.3833, step time: 1.0108

```
Batch 245/248, train_loss: 0.1018, step time: 1.0077  
Batch 246/248, train_loss: 0.5950, step time: 1.0197  
Batch 247/248, train_loss: 0.0927, step time: 1.0073  
Batch 248/248, train_loss: 0.9996, step time: 1.0034
```

Labels



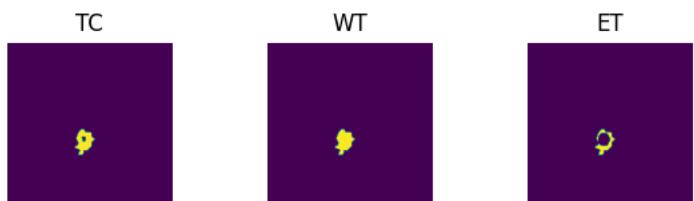
Predictions



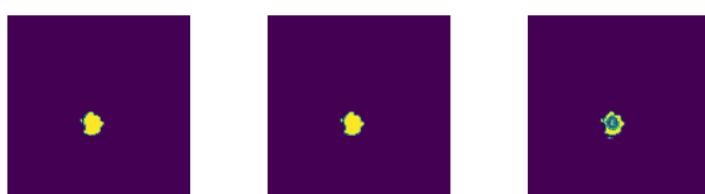
VAL

```
Batch 1/31, val_loss: 0.8519  
Batch 2/31, val_loss: 0.9341  
Batch 3/31, val_loss: 0.9702  
Batch 4/31, val_loss: 0.9488  
Batch 5/31, val_loss: 0.9906  
Batch 6/31, val_loss: 0.6831  
Batch 7/31, val_loss: 0.8287  
Batch 8/31, val_loss: 0.9653  
Batch 9/31, val_loss: 0.6909  
Batch 10/31, val_loss: 0.9486  
Batch 11/31, val_loss: 0.8052  
Batch 12/31, val_loss: 0.9665  
Batch 13/31, val_loss: 0.9476  
Batch 14/31, val_loss: 0.9417  
Batch 15/31, val_loss: 0.9916  
Batch 16/31, val_loss: 0.9572  
Batch 17/31, val_loss: 0.9681  
Batch 18/31, val_loss: 0.9355  
Batch 19/31, val_loss: 0.7531  
Batch 20/31, val_loss: 0.8665  
Batch 21/31, val_loss: 0.9496  
Batch 22/31, val_loss: 0.9853  
Batch 23/31, val_loss: 0.9712  
Batch 24/31, val_loss: 0.7368  
Batch 25/31, val_loss: 0.7964  
Batch 26/31, val_loss: 0.9105  
Batch 27/31, val_loss: 0.9853  
Batch 28/31, val_loss: 0.7462  
Batch 29/31, val_loss: 0.9856  
Batch 30/31, val_loss: 0.9708  
Batch 31/31, val_loss: 0.9678
```

Labels



Predictions



epoch 69

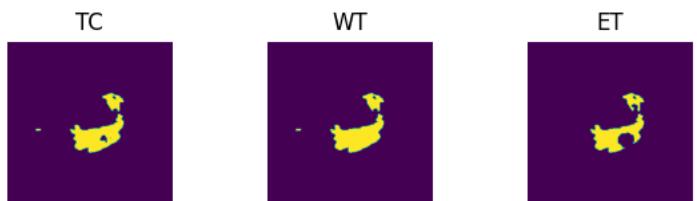
```
average train loss: 0.2756  
average validation loss: 0.9016
```

```
-----  
saved as best model: False  
current mean dice: 0.5135  
current TC dice: 0.5449  
current WT dice: 0.5438  
current ET dice: 0.4871  
Best Mean Metric: 0.5343  
time consuming of epoch 69 is: 1592.4116  
-----  
epoch 70/100  
TRAIN  
Batch 1/248, train_loss: 0.0850, step time: 1.0167  
Batch 2/248, train_loss: 0.7024, step time: 1.0191  
Batch 3/248, train_loss: 0.3460, step time: 1.0148  
Batch 4/248, train_loss: 0.9523, step time: 1.0209  
Batch 5/248, train_loss: 0.1976, step time: 1.0211  
Batch 6/248, train_loss: 0.2323, step time: 1.0101  
Batch 7/248, train_loss: 0.0770, step time: 1.0194  
Batch 8/248, train_loss: 0.6237, step time: 1.0189  
Batch 9/248, train_loss: 0.0495, step time: 1.0164  
Batch 10/248, train_loss: 0.2567, step time: 1.0172  
Batch 11/248, train_loss: 0.2141, step time: 1.0371  
Batch 12/248, train_loss: 0.3747, step time: 1.0212  
Batch 13/248, train_loss: 0.2811, step time: 1.0286  
Batch 14/248, train_loss: 0.0597, step time: 1.0163  
Batch 15/248, train_loss: 0.4010, step time: 1.0234  
Batch 16/248, train_loss: 0.1829, step time: 1.0419  
Batch 17/248, train_loss: 0.2794, step time: 1.0273  
Batch 18/248, train_loss: 0.3057, step time: 1.0203  
Batch 19/248, train_loss: 0.1153, step time: 1.0248  
Batch 20/248, train_loss: 0.1248, step time: 1.0298  
Batch 21/248, train_loss: 0.0640, step time: 1.0317  
Batch 22/248, train_loss: 0.4346, step time: 1.0235  
Batch 23/248, train_loss: 0.4345, step time: 1.0502  
Batch 24/248, train_loss: 0.0946, step time: 1.0229  
Batch 25/248, train_loss: 0.0809, step time: 1.0407  
Batch 26/248, train_loss: 0.4131, step time: 1.0253  
Batch 27/248, train_loss: 0.0832, step time: 1.0306  
Batch 28/248, train_loss: 0.1818, step time: 1.0320  
Batch 29/248, train_loss: 0.3551, step time: 1.0484  
Batch 30/248, train_loss: 0.2038, step time: 1.0466  
Batch 31/248, train_loss: 0.3484, step time: 1.0329  
Batch 32/248, train_loss: 0.1103, step time: 1.0410  
Batch 33/248, train_loss: 0.0812, step time: 1.0290  
Batch 34/248, train_loss: 0.0497, step time: 1.0259  
Batch 35/248, train_loss: 0.0615, step time: 1.0371  
Batch 36/248, train_loss: 0.3869, step time: 1.0403  
Batch 37/248, train_loss: 0.2181, step time: 1.0178  
Batch 38/248, train_loss: 0.3074, step time: 1.0293  
Batch 39/248, train_loss: 0.2052, step time: 1.0443  
Batch 40/248, train_loss: 0.7891, step time: 1.0296  
Batch 41/248, train_loss: 0.1849, step time: 1.0499  
Batch 42/248, train_loss: 0.0894, step time: 1.0430  
Batch 43/248, train_loss: 0.0595, step time: 1.0513  
Batch 44/248, train_loss: 0.1503, step time: 1.0304  
Batch 45/248, train_loss: 0.4503, step time: 1.0328  
Batch 46/248, train_loss: 0.1601, step time: 1.0250  
Batch 47/248, train_loss: 0.0869, step time: 1.0352  
Batch 48/248, train_loss: 0.2326, step time: 1.0471  
Batch 49/248, train_loss: 0.5269, step time: 1.0437  
Batch 50/248, train_loss: 0.1826, step time: 1.0328  
Batch 51/248, train_loss: 0.1753, step time: 1.0284  
Batch 52/248, train_loss: 0.1569, step time: 1.0393  
Batch 53/248, train_loss: 0.3969, step time: 1.0367  
Batch 54/248, train_loss: 0.2920, step time: 1.0350  
Batch 55/248, train_loss: 0.3229, step time: 1.0522  
Batch 56/248, train_loss: 0.2031, step time: 1.0343  
Batch 57/248, train_loss: 0.2884, step time: 1.0222  
Batch 58/248, train_loss: 0.0863, step time: 1.0268  
Batch 59/248, train_loss: 0.0910, step time: 1.0211  
Batch 60/248, train_loss: 0.0763, step time: 1.0319  
Batch 61/248, train_loss: 0.1098, step time: 1.0449  
Batch 62/248, train_loss: 0.2819, step time: 1.0253  
Batch 63/248, train_loss: 0.4464, step time: 1.0519  
Batch 64/248, train_loss: 0.4861, step time: 1.0243  
Batch 65/248, train_loss: 0.3241, step time: 1.0259  
Batch 66/248, train_loss: 0.1484, step time: 1.0449  
Batch 67/248, train_loss: 0.0931, step time: 1.0351  
Batch 68/248, train_loss: 0.1199, step time: 1.0520  
Batch 69/248, train_loss: 0.4970, step time: 1.0275  
Batch 70/248, train_loss: 0.1858, step time: 1.0320  
Batch 71/248, train_loss: 0.1399, step time: 1.0395  
Batch 72/248, train_loss: 0.0601, step time: 1.0318  
Batch 73/248, train_loss: 0.1065, step time: 1.0454  
Batch 74/248, train_loss: 0.9940, step time: 1.0381  
Batch 75/248, train_loss: 0.1585, step time: 1.0375
```


Batch 160/248, train_loss: 0.1038, step time: 1.0276
Batch 161/248, train_loss: 0.0645, step time: 1.0485
Batch 162/248, train_loss: 0.0816, step time: 1.0431
Batch 163/248, train_loss: 0.1471, step time: 1.0234
Batch 164/248, train_loss: 0.1789, step time: 1.0484
Batch 165/248, train_loss: 0.5166, step time: 1.0405
Batch 166/248, train_loss: 0.1025, step time: 1.0265
Batch 167/248, train_loss: 0.2333, step time: 1.0379
Batch 168/248, train_loss: 0.1776, step time: 1.0468
Batch 169/248, train_loss: 0.1513, step time: 1.0248
Batch 170/248, train_loss: 0.7255, step time: 1.0271
Batch 171/248, train_loss: 0.0931, step time: 1.0390
Batch 172/248, train_loss: 0.4677, step time: 1.0357
Batch 173/248, train_loss: 0.0809, step time: 1.0306
Batch 174/248, train_loss: 0.6032, step time: 1.0430
Batch 175/248, train_loss: 0.1302, step time: 1.0407
Batch 176/248, train_loss: 0.3925, step time: 1.0390
Batch 177/248, train_loss: 0.2820, step time: 1.0367
Batch 178/248, train_loss: 0.1759, step time: 1.0249
Batch 179/248, train_loss: 0.1014, step time: 1.0426
Batch 180/248, train_loss: 0.3923, step time: 1.0299
Batch 181/248, train_loss: 0.1047, step time: 1.0264
Batch 182/248, train_loss: 0.8446, step time: 1.0272
Batch 183/248, train_loss: 0.1245, step time: 1.0428
Batch 184/248, train_loss: 0.2104, step time: 1.0470
Batch 185/248, train_loss: 0.1194, step time: 1.0403
Batch 186/248, train_loss: 0.1029, step time: 1.0320
Batch 187/248, train_loss: 0.1906, step time: 1.0336
Batch 188/248, train_loss: 0.2305, step time: 1.0246
Batch 189/248, train_loss: 0.4748, step time: 1.0389
Batch 190/248, train_loss: 0.1549, step time: 1.0303
Batch 191/248, train_loss: 0.6296, step time: 1.0261
Batch 192/248, train_loss: 0.2267, step time: 1.0367
Batch 193/248, train_loss: 0.2663, step time: 1.0478
Batch 194/248, train_loss: 0.0914, step time: 1.0409
Batch 195/248, train_loss: 0.6549, step time: 1.0484
Batch 196/248, train_loss: 0.9999, step time: 1.0421
Batch 197/248, train_loss: 0.2381, step time: 1.0265
Batch 198/248, train_loss: 0.6024, step time: 1.0247
Batch 199/248, train_loss: 0.1505, step time: 1.0533
Batch 200/248, train_loss: 0.1707, step time: 1.0436
Batch 201/248, train_loss: 0.1326, step time: 1.0338
Batch 202/248, train_loss: 0.3996, step time: 1.0343
Batch 203/248, train_loss: 0.4376, step time: 1.0396
Batch 204/248, train_loss: 0.1420, step time: 1.0508
Batch 205/248, train_loss: 0.3251, step time: 1.0428
Batch 206/248, train_loss: 0.3398, step time: 1.0432
Batch 207/248, train_loss: 0.0913, step time: 1.0285
Batch 208/248, train_loss: 0.1392, step time: 1.0261
Batch 209/248, train_loss: 0.1321, step time: 1.0488
Batch 210/248, train_loss: 0.0764, step time: 1.0489
Batch 211/248, train_loss: 0.0916, step time: 1.0405
Batch 212/248, train_loss: 0.2092, step time: 1.0334
Batch 213/248, train_loss: 0.1938, step time: 1.0245
Batch 214/248, train_loss: 0.1023, step time: 1.0308
Batch 215/248, train_loss: 0.2494, step time: 1.0332
Batch 216/248, train_loss: 0.1942, step time: 1.0249
Batch 217/248, train_loss: 0.2655, step time: 1.0286
Batch 218/248, train_loss: 0.8936, step time: 1.0498
Batch 219/248, train_loss: 0.0868, step time: 1.0295
Batch 220/248, train_loss: 0.2752, step time: 1.0414
Batch 221/248, train_loss: 0.2777, step time: 1.0416
Batch 222/248, train_loss: 0.2549, step time: 1.0186
Batch 223/248, train_loss: 0.0572, step time: 1.0190
Batch 224/248, train_loss: 0.1041, step time: 1.0240
Batch 225/248, train_loss: 0.2098, step time: 1.0451
Batch 226/248, train_loss: 0.1294, step time: 1.0418
Batch 227/248, train_loss: 0.1359, step time: 1.0425
Batch 228/248, train_loss: 0.1892, step time: 1.0495
Batch 229/248, train_loss: 0.1111, step time: 1.0323
Batch 230/248, train_loss: 0.0743, step time: 1.0252
Batch 231/248, train_loss: 0.3532, step time: 1.0421
Batch 232/248, train_loss: 0.0845, step time: 1.0364
Batch 233/248, train_loss: 0.8833, step time: 1.0448
Batch 234/248, train_loss: 0.4436, step time: 1.0416
Batch 235/248, train_loss: 0.3033, step time: 1.0365
Batch 236/248, train_loss: 0.8027, step time: 1.0426
Batch 237/248, train_loss: 0.1571, step time: 1.0311
Batch 238/248, train_loss: 0.1182, step time: 1.0261
Batch 239/248, train_loss: 0.0630, step time: 1.0242
Batch 240/248, train_loss: 0.2775, step time: 1.0261
Batch 241/248, train_loss: 0.7158, step time: 1.0297
Batch 242/248, train_loss: 0.2043, step time: 1.0464
Batch 243/248, train_loss: 0.4273, step time: 1.0455
Batch 244/248, train_loss: 0.4543, step time: 1.0405

```
Batch 245/248, train_loss: 0.1028, step time: 1.0382  
Batch 246/248, train_loss: 0.6041, step time: 1.0336  
Batch 247/248, train_loss: 0.0870, step time: 1.0412  
Batch 248/248, train_loss: 0.9997, step time: 1.0256
```

Labels



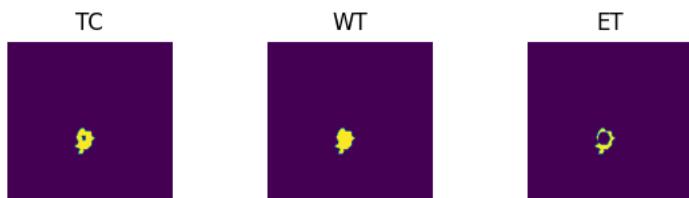
Predictions



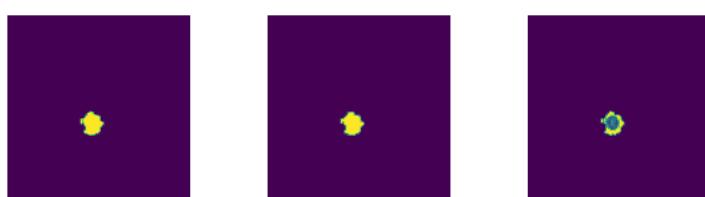
VAL

```
Batch 1/31, val_loss: 0.8416  
Batch 2/31, val_loss: 0.9242  
Batch 3/31, val_loss: 0.9748  
Batch 4/31, val_loss: 0.9492  
Batch 5/31, val_loss: 0.9898  
Batch 6/31, val_loss: 0.6856  
Batch 7/31, val_loss: 0.8296  
Batch 8/31, val_loss: 0.9712  
Batch 9/31, val_loss: 0.6932  
Batch 10/31, val_loss: 0.9516  
Batch 11/31, val_loss: 0.8033  
Batch 12/31, val_loss: 0.9679  
Batch 13/31, val_loss: 0.9438  
Batch 14/31, val_loss: 0.9422  
Batch 15/31, val_loss: 0.9916  
Batch 16/31, val_loss: 0.9545  
Batch 17/31, val_loss: 0.9724  
Batch 18/31, val_loss: 0.9374  
Batch 19/31, val_loss: 0.7542  
Batch 20/31, val_loss: 0.8677  
Batch 21/31, val_loss: 0.9500  
Batch 22/31, val_loss: 0.9845  
Batch 23/31, val_loss: 0.9659  
Batch 24/31, val_loss: 0.7357  
Batch 25/31, val_loss: 0.7999  
Batch 26/31, val_loss: 0.9074  
Batch 27/31, val_loss: 0.9905  
Batch 28/31, val_loss: 0.7515  
Batch 29/31, val_loss: 0.9860  
Batch 30/31, val_loss: 0.9685  
Batch 31/31, val_loss: 0.9664
```

Labels



Predictions



epoch 70

```
average train loss: 0.2796
```

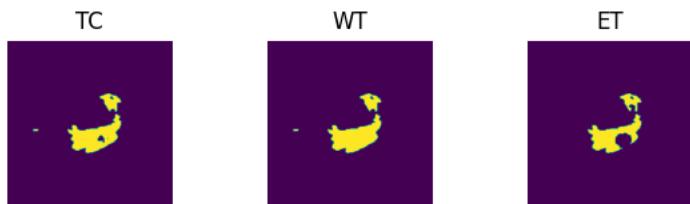
```
average validation loss: 0.901/
saved as best model: False
current mean dice: 0.5015
current TC dice: 0.5334
current WT dice: 0.5353
current ET dice: 0.4683
Best Mean Metric: 0.5343
time consuming of epoch 70 is: 1618.4020
-----
epoch 71/100
TRAIN
    Batch 1/248, train_loss: 0.0953, step time: 1.0486
    Batch 2/248, train_loss: 0.6466, step time: 1.0393
    Batch 3/248, train_loss: 0.3780, step time: 1.0395
    Batch 4/248, train_loss: 0.9512, step time: 1.0438
    Batch 5/248, train_loss: 0.1903, step time: 1.0394
    Batch 6/248, train_loss: 0.2087, step time: 1.0437
    Batch 7/248, train_loss: 0.0736, step time: 1.0377
    Batch 8/248, train_loss: 0.5527, step time: 1.0415
    Batch 9/248, train_loss: 0.0523, step time: 1.0274
    Batch 10/248, train_loss: 0.2642, step time: 1.0435
    Batch 11/248, train_loss: 0.2125, step time: 1.0404
    Batch 12/248, train_loss: 0.3606, step time: 1.0324
    Batch 13/248, train_loss: 0.2899, step time: 1.0365
    Batch 14/248, train_loss: 0.0641, step time: 1.0237
    Batch 15/248, train_loss: 0.4062, step time: 1.0383
    Batch 16/248, train_loss: 0.1854, step time: 1.0332
    Batch 17/248, train_loss: 0.2824, step time: 1.0495
    Batch 18/248, train_loss: 0.3039, step time: 1.0276
    Batch 19/248, train_loss: 0.1000, step time: 1.0281
    Batch 20/248, train_loss: 0.1153, step time: 1.0327
    Batch 21/248, train_loss: 0.0605, step time: 1.0289
    Batch 22/248, train_loss: 0.4549, step time: 1.0550
    Batch 23/248, train_loss: 0.4038, step time: 1.0273
    Batch 24/248, train_loss: 0.0921, step time: 1.0319
    Batch 25/248, train_loss: 0.0827, step time: 1.0249
    Batch 26/248, train_loss: 0.3961, step time: 1.0500
    Batch 27/248, train_loss: 0.0787, step time: 1.0483
    Batch 28/248, train_loss: 0.1824, step time: 1.0418
    Batch 29/248, train_loss: 0.3509, step time: 1.0316
    Batch 30/248, train_loss: 0.2267, step time: 1.0481
    Batch 31/248, train_loss: 0.3437, step time: 1.0353
    Batch 32/248, train_loss: 0.1028, step time: 1.0287
    Batch 33/248, train_loss: 0.0778, step time: 1.0233
    Batch 34/248, train_loss: 0.0530, step time: 1.0208
    Batch 35/248, train_loss: 0.0618, step time: 1.0404
    Batch 36/248, train_loss: 0.3991, step time: 1.0286
    Batch 37/248, train_loss: 0.2223, step time: 1.0295
    Batch 38/248, train_loss: 0.3017, step time: 1.0411
    Batch 39/248, train_loss: 0.1363, step time: 1.0255
    Batch 40/248, train_loss: 0.9031, step time: 1.0464
    Batch 41/248, train_loss: 0.1814, step time: 1.0510
    Batch 42/248, train_loss: 0.0896, step time: 1.0321
    Batch 43/248, train_loss: 0.0622, step time: 1.0269
    Batch 44/248, train_loss: 0.1517, step time: 1.0309
    Batch 45/248, train_loss: 0.4120, step time: 1.0309
    Batch 46/248, train_loss: 0.1851, step time: 1.0488
    Batch 47/248, train_loss: 0.0829, step time: 1.0337
    Batch 48/248, train_loss: 0.2193, step time: 1.0361
    Batch 49/248, train_loss: 0.4306, step time: 1.0305
    Batch 50/248, train_loss: 0.1813, step time: 1.0474
    Batch 51/248, train_loss: 0.1543, step time: 1.0590
    Batch 52/248, train_loss: 0.1573, step time: 1.0275
    Batch 53/248, train_loss: 0.3805, step time: 1.0325
    Batch 54/248, train_loss: 0.2928, step time: 1.0405
    Batch 55/248, train_loss: 0.2665, step time: 1.0518
    Batch 56/248, train_loss: 0.1870, step time: 1.0474
    Batch 57/248, train_loss: 0.2647, step time: 1.0377
    Batch 58/248, train_loss: 0.0887, step time: 1.0274
    Batch 59/248, train_loss: 0.0983, step time: 1.0354
    Batch 60/248, train_loss: 0.0740, step time: 1.0180
    Batch 61/248, train_loss: 0.1012, step time: 1.0355
    Batch 62/248, train_loss: 0.2411, step time: 1.0507
    Batch 63/248, train_loss: 0.4330, step time: 1.0412
    Batch 64/248, train_loss: 0.3998, step time: 1.0395
    Batch 65/248, train_loss: 0.2952, step time: 1.0400
    Batch 66/248, train_loss: 0.1338, step time: 1.0421
    Batch 67/248, train_loss: 0.0911, step time: 1.0498
    Batch 68/248, train_loss: 0.1040, step time: 1.0459
    Batch 69/248, train_loss: 0.5228, step time: 1.0359
    Batch 70/248, train_loss: 0.1783, step time: 1.0497
    Batch 71/248, train_loss: 0.1347, step time: 1.0416
    Batch 72/248, train_loss: 0.0616, step time: 1.0311
    Batch 73/248, train_loss: 0.1020, step time: 1.0275
    Batch 74/248, train_loss: 0.9950, step time: 1.0165
```

Batch 75/248, train_loss: 0.1560, step time: 1.0391
Batch 76/248, train_loss: 0.5182, step time: 1.0304
Batch 77/248, train_loss: 0.7801, step time: 1.0397
Batch 78/248, train_loss: 0.1245, step time: 1.0352
Batch 79/248, train_loss: 0.1521, step time: 1.0327
Batch 80/248, train_loss: 0.2238, step time: 1.0416
Batch 81/248, train_loss: 0.1765, step time: 1.0314
Batch 82/248, train_loss: 0.1152, step time: 1.0365
Batch 83/248, train_loss: 0.6201, step time: 1.0494
Batch 84/248, train_loss: 0.2241, step time: 1.0404
Batch 85/248, train_loss: 0.3786, step time: 1.0218
Batch 86/248, train_loss: 0.2723, step time: 1.0293
Batch 87/248, train_loss: 0.5052, step time: 1.0494
Batch 88/248, train_loss: 0.3422, step time: 1.0478
Batch 89/248, train_loss: 0.0822, step time: 1.0332
Batch 90/248, train_loss: 0.1926, step time: 1.0258
Batch 91/248, train_loss: 0.3489, step time: 1.0363
Batch 92/248, train_loss: 0.2870, step time: 1.0317
Batch 93/248, train_loss: 0.1798, step time: 1.0372
Batch 94/248, train_loss: 0.2811, step time: 1.0539
Batch 95/248, train_loss: 0.1719, step time: 1.0240
Batch 96/248, train_loss: 0.1795, step time: 1.0382
Batch 97/248, train_loss: 0.3271, step time: 1.0314
Batch 98/248, train_loss: 0.1250, step time: 1.0524
Batch 99/248, train_loss: 0.3092, step time: 1.0445
Batch 100/248, train_loss: 0.2896, step time: 1.0358
Batch 101/248, train_loss: 0.0608, step time: 1.0184
Batch 102/248, train_loss: 0.1139, step time: 1.0436
Batch 103/248, train_loss: 0.3091, step time: 1.0439
Batch 104/248, train_loss: 0.3363, step time: 1.0347
Batch 105/248, train_loss: 0.0904, step time: 1.0290
Batch 106/248, train_loss: 0.1382, step time: 1.0349
Batch 107/248, train_loss: 0.2436, step time: 1.0506
Batch 108/248, train_loss: 0.5254, step time: 1.0414
Batch 109/248, train_loss: 0.3868, step time: 1.0369
Batch 110/248, train_loss: 0.2965, step time: 1.0515
Batch 111/248, train_loss: 0.1011, step time: 1.0401
Batch 112/248, train_loss: 0.1553, step time: 1.0488
Batch 113/248, train_loss: 0.9848, step time: 1.0322
Batch 114/248, train_loss: 0.1651, step time: 1.0263
Batch 115/248, train_loss: 0.1596, step time: 1.0453
Batch 116/248, train_loss: 0.0747, step time: 1.0485
Batch 117/248, train_loss: 0.7567, step time: 1.0469
Batch 118/248, train_loss: 0.1829, step time: 1.0325
Batch 119/248, train_loss: 0.2733, step time: 1.0430
Batch 120/248, train_loss: 0.2386, step time: 1.0332
Batch 121/248, train_loss: 0.3513, step time: 1.0386
Batch 122/248, train_loss: 0.4862, step time: 1.0501
Batch 123/248, train_loss: 0.0700, step time: 1.0440
Batch 124/248, train_loss: 0.2515, step time: 1.0456
Batch 125/248, train_loss: 0.4600, step time: 1.0304
Batch 126/248, train_loss: 0.1920, step time: 1.0250
Batch 127/248, train_loss: 0.1507, step time: 1.0264
Batch 128/248, train_loss: 0.2186, step time: 1.0257
Batch 129/248, train_loss: 0.1253, step time: 1.0446
Batch 130/248, train_loss: 0.0990, step time: 1.0350
Batch 131/248, train_loss: 0.3890, step time: 1.0354
Batch 132/248, train_loss: 0.2011, step time: 1.0323
Batch 133/248, train_loss: 0.1452, step time: 1.0511
Batch 134/248, train_loss: 0.5144, step time: 1.0442
Batch 135/248, train_loss: 0.2318, step time: 1.0459
Batch 136/248, train_loss: 0.1297, step time: 1.0268
Batch 137/248, train_loss: 0.1206, step time: 1.0524
Batch 138/248, train_loss: 0.0766, step time: 1.0406
Batch 139/248, train_loss: 0.1538, step time: 1.0273
Batch 140/248, train_loss: 0.1596, step time: 1.0400
Batch 141/248, train_loss: 0.1877, step time: 1.0487
Batch 142/248, train_loss: 0.5121, step time: 1.0196
Batch 143/248, train_loss: 0.2440, step time: 1.0349
Batch 144/248, train_loss: 0.1443, step time: 1.0363
Batch 145/248, train_loss: 0.0652, step time: 1.0381
Batch 146/248, train_loss: 0.3828, step time: 1.0328
Batch 147/248, train_loss: 0.0594, step time: 1.0474
Batch 148/248, train_loss: 0.5245, step time: 1.0225
Batch 149/248, train_loss: 0.1528, step time: 1.0404
Batch 150/248, train_loss: 0.5797, step time: 1.0271
Batch 151/248, train_loss: 0.3255, step time: 1.0452
Batch 152/248, train_loss: 0.0470, step time: 1.0386
Batch 153/248, train_loss: 0.2023, step time: 1.0498
Batch 154/248, train_loss: 0.5437, step time: 1.0425
Batch 155/248, train_loss: 0.1363, step time: 1.0385
Batch 156/248, train_loss: 0.1657, step time: 1.0472
Batch 157/248, train_loss: 0.3287, step time: 1.0261
Batch 158/248, train_loss: 0.9974, step time: 1.0281
Batch 159/248, train_loss: 0.4408, step time: 1.0546

Batch 160/248, train_loss: 0.1085, step time: 1.0272
Batch 161/248, train_loss: 0.0674, step time: 1.0400
Batch 162/248, train_loss: 0.0818, step time: 1.0287
Batch 163/248, train_loss: 0.1401, step time: 1.0315
Batch 164/248, train_loss: 0.1460, step time: 1.0353
Batch 165/248, train_loss: 0.5480, step time: 1.0445
Batch 166/248, train_loss: 0.0963, step time: 1.0221
Batch 167/248, train_loss: 0.2192, step time: 1.0458
Batch 168/248, train_loss: 0.1692, step time: 1.0440
Batch 169/248, train_loss: 0.1412, step time: 1.0363
Batch 170/248, train_loss: 0.5000, step time: 1.0518
Batch 171/248, train_loss: 0.0946, step time: 1.0360
Batch 172/248, train_loss: 0.4456, step time: 1.0495
Batch 173/248, train_loss: 0.0802, step time: 1.0462
Batch 174/248, train_loss: 0.5915, step time: 1.0269
Batch 175/248, train_loss: 0.1397, step time: 1.0193
Batch 176/248, train_loss: 0.4098, step time: 1.0458
Batch 177/248, train_loss: 0.2470, step time: 1.0428
Batch 178/248, train_loss: 0.1982, step time: 1.0461
Batch 179/248, train_loss: 0.1009, step time: 1.0250
Batch 180/248, train_loss: 0.3927, step time: 1.0229
Batch 181/248, train_loss: 0.1092, step time: 1.0270
Batch 182/248, train_loss: 0.8452, step time: 1.0306
Batch 183/248, train_loss: 0.1296, step time: 1.0219
Batch 184/248, train_loss: 0.1988, step time: 1.0360
Batch 185/248, train_loss: 0.1172, step time: 1.0265
Batch 186/248, train_loss: 0.0914, step time: 1.0397
Batch 187/248, train_loss: 0.1953, step time: 1.0354
Batch 188/248, train_loss: 0.2201, step time: 1.0507
Batch 189/248, train_loss: 0.5506, step time: 1.0211
Batch 190/248, train_loss: 0.1522, step time: 1.0235
Batch 191/248, train_loss: 0.6178, step time: 1.0261
Batch 192/248, train_loss: 0.1998, step time: 1.0272
Batch 193/248, train_loss: 0.2581, step time: 1.0507
Batch 194/248, train_loss: 0.0961, step time: 1.0368
Batch 195/248, train_loss: 0.6322, step time: 1.0344
Batch 196/248, train_loss: 0.9999, step time: 1.0211
Batch 197/248, train_loss: 0.1790, step time: 1.0486
Batch 198/248, train_loss: 0.6130, step time: 1.0434
Batch 199/248, train_loss: 0.1505, step time: 1.0304
Batch 200/248, train_loss: 0.1598, step time: 1.0469
Batch 201/248, train_loss: 0.1287, step time: 1.0475
Batch 202/248, train_loss: 0.3993, step time: 1.0460
Batch 203/248, train_loss: 0.4085, step time: 1.0221
Batch 204/248, train_loss: 0.1243, step time: 1.0387
Batch 205/248, train_loss: 0.3090, step time: 1.0373
Batch 206/248, train_loss: 0.3326, step time: 1.0291
Batch 207/248, train_loss: 0.0993, step time: 1.0379
Batch 208/248, train_loss: 0.1665, step time: 1.0465
Batch 209/248, train_loss: 0.1363, step time: 1.0310
Batch 210/248, train_loss: 0.0700, step time: 1.0419
Batch 211/248, train_loss: 0.0853, step time: 1.0317
Batch 212/248, train_loss: 0.2439, step time: 1.0356
Batch 213/248, train_loss: 0.1885, step time: 1.0309
Batch 214/248, train_loss: 0.1020, step time: 1.0298
Batch 215/248, train_loss: 0.2494, step time: 1.0303
Batch 216/248, train_loss: 0.2001, step time: 1.0405
Batch 217/248, train_loss: 0.2897, step time: 1.0533
Batch 218/248, train_loss: 0.7495, step time: 1.0336
Batch 219/248, train_loss: 0.0789, step time: 1.0343
Batch 220/248, train_loss: 0.2398, step time: 1.0499
Batch 221/248, train_loss: 0.2907, step time: 1.0314
Batch 222/248, train_loss: 0.2236, step time: 1.0440
Batch 223/248, train_loss: 0.0571, step time: 1.0198
Batch 224/248, train_loss: 0.0936, step time: 1.0253
Batch 225/248, train_loss: 0.2018, step time: 1.0383
Batch 226/248, train_loss: 0.1317, step time: 1.0507
Batch 227/248, train_loss: 0.1288, step time: 1.0460
Batch 228/248, train_loss: 0.1724, step time: 1.0430
Batch 229/248, train_loss: 0.1111, step time: 1.0351
Batch 230/248, train_loss: 0.0739, step time: 1.0383
Batch 231/248, train_loss: 0.3522, step time: 1.0296
Batch 232/248, train_loss: 0.0866, step time: 1.0241
Batch 233/248, train_loss: 0.7756, step time: 1.0516
Batch 234/248, train_loss: 0.4507, step time: 1.0407
Batch 235/248, train_loss: 0.2961, step time: 1.0387
Batch 236/248, train_loss: 0.8172, step time: 1.0284
Batch 237/248, train_loss: 0.1561, step time: 1.0236
Batch 238/248, train_loss: 0.1092, step time: 1.0240
Batch 239/248, train_loss: 0.0649, step time: 1.0352
Batch 240/248, train_loss: 0.2764, step time: 1.0412
Batch 241/248, train_loss: 0.7047, step time: 1.0464
Batch 242/248, train_loss: 0.1874, step time: 1.0322
Batch 243/248, train_loss: 0.4483, step time: 1.0353
Batch 244/248, train_loss: 0.1177, step time: 1.0212

```
Batch 244/248, train_loss: 0.7427, step time: 1.0215  
Batch 245/248, train_loss: 0.0970, step time: 1.0256  
Batch 246/248, train_loss: 0.5672, step time: 1.0359  
Batch 247/248, train_loss: 0.0843, step time: 1.0243  
Batch 248/248, train_loss: 0.9998, step time: 1.0408
```

Labels



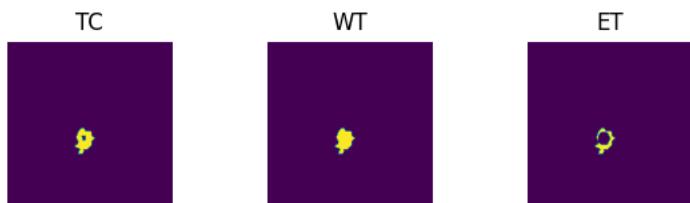
Predictions



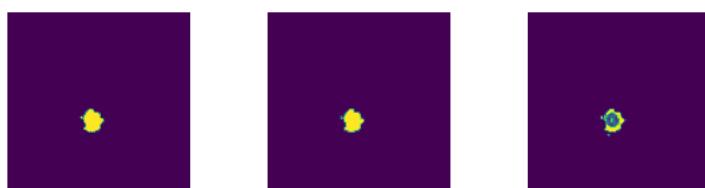
VAL

```
Batch 1/31, val_loss: 0.8516  
Batch 2/31, val_loss: 0.9126  
Batch 3/31, val_loss: 0.9737  
Batch 4/31, val_loss: 0.9471  
Batch 5/31, val_loss: 0.9881  
Batch 6/31, val_loss: 0.6801  
Batch 7/31, val_loss: 0.8263  
Batch 8/31, val_loss: 0.9629  
Batch 9/31, val_loss: 0.6897  
Batch 10/31, val_loss: 0.9224  
Batch 11/31, val_loss: 0.8001  
Batch 12/31, val_loss: 0.9673  
Batch 13/31, val_loss: 0.9418  
Batch 14/31, val_loss: 0.9411  
Batch 15/31, val_loss: 0.9901  
Batch 16/31, val_loss: 0.9519  
Batch 17/31, val_loss: 0.9688  
Batch 18/31, val_loss: 0.9296  
Batch 19/31, val_loss: 0.7521  
Batch 20/31, val_loss: 0.8663  
Batch 21/31, val_loss: 0.9494  
Batch 22/31, val_loss: 0.9846  
Batch 23/31, val_loss: 0.9650  
Batch 24/31, val_loss: 0.7312  
Batch 25/31, val_loss: 0.7927  
Batch 26/31, val_loss: 0.9050  
Batch 27/31, val_loss: 0.9844  
Batch 28/31, val_loss: 0.7459  
Batch 29/31, val_loss: 0.9849  
Batch 30/31, val_loss: 0.9674  
Batch 31/31, val_loss: 0.9648
```

Labels



Predictions



epoch 71

average train loss: 0.2675

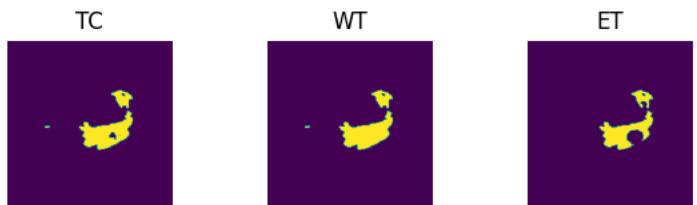
```
average validation loss: 0.8980
saved as best model: False
current mean dice: 0.5085
current TC dice: 0.5450
current WT dice: 0.5450
current ET dice: 0.4703
Best Mean Metric: 0.5343
time consuming of epoch 71 is: 1619.8276
-----
epoch 72/100
TRAIN
Batch 1/248, train_loss: 0.0866, step time: 1.0457
Batch 2/248, train_loss: 0.6743, step time: 1.0347
Batch 3/248, train_loss: 0.3708, step time: 1.0332
Batch 4/248, train_loss: 0.9919, step time: 1.0401
Batch 5/248, train_loss: 0.2494, step time: 1.0410
Batch 6/248, train_loss: 0.1869, step time: 1.0295
Batch 7/248, train_loss: 0.0740, step time: 1.0359
Batch 8/248, train_loss: 0.6114, step time: 1.0243
Batch 9/248, train_loss: 0.0501, step time: 1.0321
Batch 10/248, train_loss: 0.2389, step time: 1.0330
Batch 11/248, train_loss: 0.2119, step time: 1.0361
Batch 12/248, train_loss: 0.3355, step time: 1.0417
Batch 13/248, train_loss: 0.2777, step time: 1.0438
Batch 14/248, train_loss: 0.0673, step time: 1.0309
Batch 15/248, train_loss: 0.3776, step time: 1.0380
Batch 16/248, train_loss: 0.1958, step time: 1.0278
Batch 17/248, train_loss: 0.2650, step time: 1.0467
Batch 18/248, train_loss: 0.2565, step time: 1.0272
Batch 19/248, train_loss: 0.1029, step time: 1.0479
Batch 20/248, train_loss: 0.1138, step time: 1.0431
Batch 21/248, train_loss: 0.0622, step time: 1.0283
Batch 22/248, train_loss: 0.4264, step time: 1.0458
Batch 23/248, train_loss: 0.3828, step time: 1.0310
Batch 24/248, train_loss: 0.0950, step time: 1.0279
Batch 25/248, train_loss: 0.0762, step time: 1.0436
Batch 26/248, train_loss: 0.3952, step time: 1.0384
Batch 27/248, train_loss: 0.0953, step time: 1.0289
Batch 28/248, train_loss: 0.1810, step time: 1.0299
Batch 29/248, train_loss: 0.3835, step time: 1.0440
Batch 30/248, train_loss: 0.2180, step time: 1.0352
Batch 31/248, train_loss: 0.3131, step time: 1.0256
Batch 32/248, train_loss: 0.1036, step time: 1.0389
Batch 33/248, train_loss: 0.0814, step time: 1.0469
Batch 34/248, train_loss: 0.0524, step time: 1.0456
Batch 35/248, train_loss: 0.0606, step time: 1.0456
Batch 36/248, train_loss: 0.3852, step time: 1.0503
Batch 37/248, train_loss: 0.1831, step time: 1.0266
Batch 38/248, train_loss: 0.2874, step time: 1.0521
Batch 39/248, train_loss: 0.1935, step time: 1.0391
Batch 40/248, train_loss: 0.6051, step time: 1.0417
Batch 41/248, train_loss: 0.2182, step time: 1.0489
Batch 42/248, train_loss: 0.1003, step time: 1.0484
Batch 43/248, train_loss: 0.0618, step time: 1.0468
Batch 44/248, train_loss: 0.4194, step time: 1.0391
Batch 45/248, train_loss: 0.5366, step time: 1.0265
Batch 46/248, train_loss: 0.1634, step time: 1.0460
Batch 47/248, train_loss: 0.0933, step time: 1.0323
Batch 48/248, train_loss: 0.2351, step time: 1.0217
Batch 49/248, train_loss: 0.3912, step time: 1.0272
Batch 50/248, train_loss: 0.1860, step time: 1.0305
Batch 51/248, train_loss: 0.1703, step time: 1.0444
Batch 52/248, train_loss: 0.1481, step time: 1.0383
Batch 53/248, train_loss: 0.4420, step time: 1.0325
Batch 54/248, train_loss: 0.2918, step time: 1.0488
Batch 55/248, train_loss: 0.2904, step time: 1.0303
Batch 56/248, train_loss: 0.2320, step time: 1.0302
Batch 57/248, train_loss: 0.2860, step time: 1.0483
Batch 58/248, train_loss: 0.0876, step time: 1.0268
Batch 59/248, train_loss: 0.0990, step time: 1.0311
Batch 60/248, train_loss: 0.0720, step time: 1.0323
Batch 61/248, train_loss: 0.0953, step time: 1.0362
Batch 62/248, train_loss: 0.2526, step time: 1.0322
Batch 63/248, train_loss: 0.4436, step time: 1.0333
Batch 64/248, train_loss: 0.4070, step time: 1.0235
Batch 65/248, train_loss: 0.3005, step time: 1.0271
Batch 66/248, train_loss: 0.1454, step time: 1.0271
Batch 67/248, train_loss: 0.0908, step time: 1.0242
Batch 68/248, train_loss: 0.1294, step time: 1.0283
Batch 69/248, train_loss: 0.3948, step time: 1.0550
Batch 70/248, train_loss: 0.1798, step time: 1.0481
Batch 71/248, train_loss: 0.1313, step time: 1.0484
Batch 72/248, train_loss: 0.0674, step time: 1.0416
Batch 73/248, train_loss: 0.1039, step time: 1.0310
Batch 74/248, train_loss: 0.9934, step time: 1.0351
```

Batch 75/248, train_loss: 0.1653, step time: 1.0378
Batch 76/248, train_loss: 0.5613, step time: 1.0301
Batch 77/248, train_loss: 0.7045, step time: 1.0274
Batch 78/248, train_loss: 0.1240, step time: 1.0333
Batch 79/248, train_loss: 0.1165, step time: 1.0218
Batch 80/248, train_loss: 0.1972, step time: 1.0261
Batch 81/248, train_loss: 0.1985, step time: 1.0314
Batch 82/248, train_loss: 0.1216, step time: 1.0235
Batch 83/248, train_loss: 0.6185, step time: 1.0454
Batch 84/248, train_loss: 0.2402, step time: 1.0411
Batch 85/248, train_loss: 0.3910, step time: 1.0385
Batch 86/248, train_loss: 0.2487, step time: 1.0288
Batch 87/248, train_loss: 0.5100, step time: 1.0229
Batch 88/248, train_loss: 0.3347, step time: 1.0497
Batch 89/248, train_loss: 0.0803, step time: 1.0255
Batch 90/248, train_loss: 0.1794, step time: 1.0278
Batch 91/248, train_loss: 0.3506, step time: 1.0480
Batch 92/248, train_loss: 0.2741, step time: 1.0526
Batch 93/248, train_loss: 0.1687, step time: 1.0377
Batch 94/248, train_loss: 0.2969, step time: 1.0330
Batch 95/248, train_loss: 0.1811, step time: 1.0243
Batch 96/248, train_loss: 0.1867, step time: 1.0239
Batch 97/248, train_loss: 0.3274, step time: 1.0533
Batch 98/248, train_loss: 0.1149, step time: 1.0205
Batch 99/248, train_loss: 0.2880, step time: 1.0323
Batch 100/248, train_loss: 0.2580, step time: 1.0394
Batch 101/248, train_loss: 0.0662, step time: 1.0225
Batch 102/248, train_loss: 0.1074, step time: 1.0468
Batch 103/248, train_loss: 0.3028, step time: 1.0541
Batch 104/248, train_loss: 0.3183, step time: 1.0340
Batch 105/248, train_loss: 0.0906, step time: 1.0250
Batch 106/248, train_loss: 0.1442, step time: 1.0304
Batch 107/248, train_loss: 0.2473, step time: 1.0496
Batch 108/248, train_loss: 0.4777, step time: 1.0279
Batch 109/248, train_loss: 0.3158, step time: 1.0415
Batch 110/248, train_loss: 0.2780, step time: 1.0385
Batch 111/248, train_loss: 0.0994, step time: 1.0498
Batch 112/248, train_loss: 0.1552, step time: 1.0494
Batch 113/248, train_loss: 0.9887, step time: 1.0251
Batch 114/248, train_loss: 0.1579, step time: 1.0481
Batch 115/248, train_loss: 0.1637, step time: 1.0461
Batch 116/248, train_loss: 0.0748, step time: 1.0243
Batch 117/248, train_loss: 0.7475, step time: 1.0351
Batch 118/248, train_loss: 0.1823, step time: 1.0289
Batch 119/248, train_loss: 0.2966, step time: 1.0331
Batch 120/248, train_loss: 0.2483, step time: 1.0339
Batch 121/248, train_loss: 0.3305, step time: 1.0230
Batch 122/248, train_loss: 0.4514, step time: 1.0470
Batch 123/248, train_loss: 0.0687, step time: 1.0447
Batch 124/248, train_loss: 0.2946, step time: 1.0507
Batch 125/248, train_loss: 0.5087, step time: 1.0539
Batch 126/248, train_loss: 0.2060, step time: 1.0380
Batch 127/248, train_loss: 0.1382, step time: 1.0466
Batch 128/248, train_loss: 0.1558, step time: 1.0413
Batch 129/248, train_loss: 0.1205, step time: 1.0208
Batch 130/248, train_loss: 0.1005, step time: 1.0416
Batch 131/248, train_loss: 0.4427, step time: 1.0286
Batch 132/248, train_loss: 0.1687, step time: 1.0406
Batch 133/248, train_loss: 0.1285, step time: 1.0232
Batch 134/248, train_loss: 0.5444, step time: 1.0207
Batch 135/248, train_loss: 0.2268, step time: 1.0250
Batch 136/248, train_loss: 0.1311, step time: 1.0302
Batch 137/248, train_loss: 0.1125, step time: 1.0525
Batch 138/248, train_loss: 0.0841, step time: 1.0309
Batch 139/248, train_loss: 0.1626, step time: 1.0349
Batch 140/248, train_loss: 0.1761, step time: 1.0285
Batch 141/248, train_loss: 0.1705, step time: 1.0423
Batch 142/248, train_loss: 0.5270, step time: 1.0220
Batch 143/248, train_loss: 0.2609, step time: 1.0353
Batch 144/248, train_loss: 0.1425, step time: 1.0316
Batch 145/248, train_loss: 0.0656, step time: 1.0450
Batch 146/248, train_loss: 0.3345, step time: 1.0437
Batch 147/248, train_loss: 0.0547, step time: 1.0500
Batch 148/248, train_loss: 0.4946, step time: 1.0395
Batch 149/248, train_loss: 0.1469, step time: 1.0319
Batch 150/248, train_loss: 0.5687, step time: 1.0244
Batch 151/248, train_loss: 0.2904, step time: 1.0381
Batch 152/248, train_loss: 0.0472, step time: 1.0421
Batch 153/248, train_loss: 0.1743, step time: 1.0335
Batch 154/248, train_loss: 0.4933, step time: 1.0213
Batch 155/248, train_loss: 0.1218, step time: 1.0368
Batch 156/248, train_loss: 0.1660, step time: 1.0262
Batch 157/248, train_loss: 0.3322, step time: 1.0416
Batch 158/248, train_loss: 0.9973, step time: 1.0310
Batch 159/248, train_loss: 0.1000, step time: 1.0321

Batch 155/248, train_loss: 0.2446, step time: 1.0531
Batch 160/248, train_loss: 0.0983, step time: 1.0248
Batch 161/248, train_loss: 0.0707, step time: 1.0254
Batch 162/248, train_loss: 0.0803, step time: 1.0263
Batch 163/248, train_loss: 0.1363, step time: 1.0438
Batch 164/248, train_loss: 0.1702, step time: 1.0322
Batch 165/248, train_loss: 0.5197, step time: 1.0553
Batch 166/248, train_loss: 0.1054, step time: 1.0407
Batch 167/248, train_loss: 0.2089, step time: 1.0306
Batch 168/248, train_loss: 0.1696, step time: 1.0269
Batch 169/248, train_loss: 0.1447, step time: 1.0376
Batch 170/248, train_loss: 0.5267, step time: 1.0538
Batch 171/248, train_loss: 0.0909, step time: 1.0186
Batch 172/248, train_loss: 0.4233, step time: 1.0329
Batch 173/248, train_loss: 0.0811, step time: 1.0443
Batch 174/248, train_loss: 0.5322, step time: 1.0484
Batch 175/248, train_loss: 0.1280, step time: 1.0506
Batch 176/248, train_loss: 0.3999, step time: 1.0435
Batch 177/248, train_loss: 0.2574, step time: 1.0266
Batch 178/248, train_loss: 0.1809, step time: 1.0523
Batch 179/248, train_loss: 0.0917, step time: 1.0261
Batch 180/248, train_loss: 0.3636, step time: 1.0366
Batch 181/248, train_loss: 0.1021, step time: 1.0289
Batch 182/248, train_loss: 0.8658, step time: 1.0270
Batch 183/248, train_loss: 0.1223, step time: 1.0370
Batch 184/248, train_loss: 0.1741, step time: 1.0348
Batch 185/248, train_loss: 0.1113, step time: 1.0511
Batch 186/248, train_loss: 0.0956, step time: 1.0445
Batch 187/248, train_loss: 0.1968, step time: 1.0191
Batch 188/248, train_loss: 0.1988, step time: 1.0234
Batch 189/248, train_loss: 0.4598, step time: 1.0472
Batch 190/248, train_loss: 0.1512, step time: 1.0395
Batch 191/248, train_loss: 0.6161, step time: 1.0337
Batch 192/248, train_loss: 0.1987, step time: 1.0361
Batch 193/248, train_loss: 0.2560, step time: 1.0362
Batch 194/248, train_loss: 0.0890, step time: 1.0436
Batch 195/248, train_loss: 0.6356, step time: 1.0422
Batch 196/248, train_loss: 0.9998, step time: 1.0305
Batch 197/248, train_loss: 0.2148, step time: 1.0471
Batch 198/248, train_loss: 0.6086, step time: 1.0466
Batch 199/248, train_loss: 0.1381, step time: 1.0358
Batch 200/248, train_loss: 0.1505, step time: 1.0301
Batch 201/248, train_loss: 0.1248, step time: 1.0223
Batch 202/248, train_loss: 0.3881, step time: 1.0395
Batch 203/248, train_loss: 0.4961, step time: 1.0395
Batch 204/248, train_loss: 0.1099, step time: 1.0383
Batch 205/248, train_loss: 0.3207, step time: 1.0416
Batch 206/248, train_loss: 0.2741, step time: 1.0357
Batch 207/248, train_loss: 0.0852, step time: 1.0453
Batch 208/248, train_loss: 0.1495, step time: 1.3945
Batch 209/248, train_loss: 0.1393, step time: 1.0476
Batch 210/248, train_loss: 0.0694, step time: 1.0278
Batch 211/248, train_loss: 0.0899, step time: 1.0427
Batch 212/248, train_loss: 0.2096, step time: 1.0415
Batch 213/248, train_loss: 0.1968, step time: 1.0216
Batch 214/248, train_loss: 0.1003, step time: 1.0295
Batch 215/248, train_loss: 0.2425, step time: 1.0469
Batch 216/248, train_loss: 0.1813, step time: 1.0452
Batch 217/248, train_loss: 0.2742, step time: 1.0275
Batch 218/248, train_loss: 0.7461, step time: 1.0259
Batch 219/248, train_loss: 0.0880, step time: 1.0403
Batch 220/248, train_loss: 0.2366, step time: 1.0375
Batch 221/248, train_loss: 0.2920, step time: 1.0250
Batch 222/248, train_loss: 0.2249, step time: 1.0363
Batch 223/248, train_loss: 0.0582, step time: 1.0323
Batch 224/248, train_loss: 0.0944, step time: 1.0268
Batch 225/248, train_loss: 0.2082, step time: 1.0229
Batch 226/248, train_loss: 0.1311, step time: 1.0482
Batch 227/248, train_loss: 0.1237, step time: 1.0326
Batch 228/248, train_loss: 0.1654, step time: 1.0261
Batch 229/248, train_loss: 0.1076, step time: 1.0403
Batch 230/248, train_loss: 0.0774, step time: 1.0484
Batch 231/248, train_loss: 0.3421, step time: 1.0274
Batch 232/248, train_loss: 0.0805, step time: 1.0336
Batch 233/248, train_loss: 0.8250, step time: 1.0404
Batch 234/248, train_loss: 0.4500, step time: 1.0449
Batch 235/248, train_loss: 0.3274, step time: 1.0331
Batch 236/248, train_loss: 0.7829, step time: 1.0384
Batch 237/248, train_loss: 0.1537, step time: 1.0324
Batch 238/248, train_loss: 0.1124, step time: 1.0314
Batch 239/248, train_loss: 0.0662, step time: 1.0464
Batch 240/248, train_loss: 0.2734, step time: 1.0396
Batch 241/248, train_loss: 0.7415, step time: 1.0271
Batch 242/248, train_loss: 0.1959, step time: 1.0298
Batch 243/248, train_loss: 0.4300, step time: 1.0250

```
Batch 244/248, train_loss: 0.5061, step time: 1.0387  
Batch 245/248, train_loss: 0.1014, step time: 1.0478  
Batch 246/248, train_loss: 0.6549, step time: 1.0479  
Batch 247/248, train_loss: 0.0846, step time: 1.0422  
Batch 248/248, train_loss: 0.9999, step time: 1.0279
```

Labels



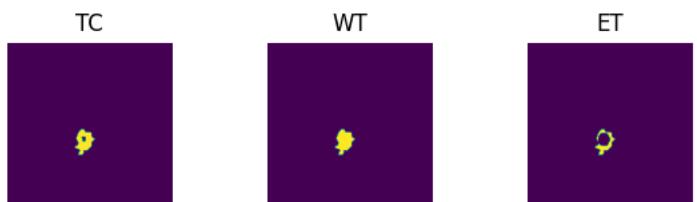
Predictions



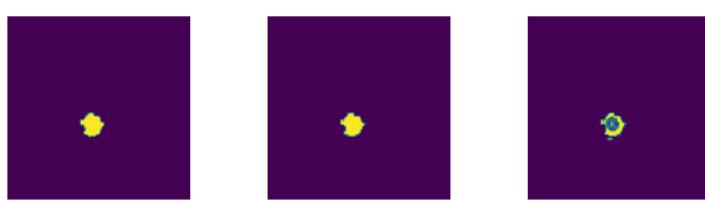
VAL

```
Batch 1/31, val_loss: 0.8207  
Batch 2/31, val_loss: 0.9031  
Batch 3/31, val_loss: 0.9720  
Batch 4/31, val_loss: 0.9470  
Batch 5/31, val_loss: 0.9872  
Batch 6/31, val_loss: 0.6814  
Batch 7/31, val_loss: 0.8214  
Batch 8/31, val_loss: 0.9611  
Batch 9/31, val_loss: 0.6912  
Batch 10/31, val_loss: 0.9485  
Batch 11/31, val_loss: 0.7998  
Batch 12/31, val_loss: 0.9638  
Batch 13/31, val_loss: 0.9396  
Batch 14/31, val_loss: 0.9368  
Batch 15/31, val_loss: 0.9882  
Batch 16/31, val_loss: 0.9512  
Batch 17/31, val_loss: 0.9709  
Batch 18/31, val_loss: 0.9314  
Batch 19/31, val_loss: 0.7520  
Batch 20/31, val_loss: 0.8516  
Batch 21/31, val_loss: 0.9510  
Batch 22/31, val_loss: 0.9832  
Batch 23/31, val_loss: 0.9601  
Batch 24/31, val_loss: 0.7327  
Batch 25/31, val_loss: 0.7887  
Batch 26/31, val_loss: 0.9023  
Batch 27/31, val_loss: 0.9859  
Batch 28/31, val_loss: 0.7500  
Batch 29/31, val_loss: 0.9843  
Batch 30/31, val_loss: 0.9687  
Batch 31/31, val_loss: 0.9636
```

Labels



Predictions



epoch 72

average train loss: 0.2656

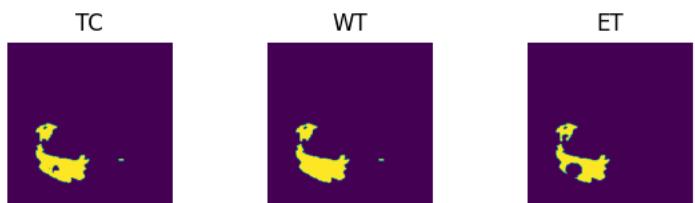
```
average validation loss: 0.8964
saved as best model: False
current mean dice: 0.5070
current TC dice: 0.5440
current WT dice: 0.5457
current ET dice: 0.4712
Best Mean Metric: 0.5343
time consuming of epoch 72 is: 1612.6269
-----
epoch 73/100
TRAIN
Batch 1/248, train_loss: 0.0878, step time: 1.0458
Batch 2/248, train_loss: 0.6685, step time: 1.0349
Batch 3/248, train_loss: 0.4069, step time: 1.0250
Batch 4/248, train_loss: 0.9361, step time: 1.0311
Batch 5/248, train_loss: 0.1858, step time: 1.0312
Batch 6/248, train_loss: 0.2210, step time: 1.0240
Batch 7/248, train_loss: 0.0705, step time: 1.0295
Batch 8/248, train_loss: 0.5241, step time: 1.0445
Batch 9/248, train_loss: 0.0479, step time: 1.0322
Batch 10/248, train_loss: 0.2644, step time: 1.0412
Batch 11/248, train_loss: 0.2201, step time: 1.0215
Batch 12/248, train_loss: 0.3445, step time: 1.0254
Batch 13/248, train_loss: 0.2961, step time: 1.0285
Batch 14/248, train_loss: 0.0705, step time: 1.0447
Batch 15/248, train_loss: 0.4010, step time: 1.0385
Batch 16/248, train_loss: 0.1759, step time: 1.0327
Batch 17/248, train_loss: 0.2685, step time: 1.0481
Batch 18/248, train_loss: 0.3004, step time: 1.0525
Batch 19/248, train_loss: 0.0987, step time: 1.0388
Batch 20/248, train_loss: 0.1364, step time: 1.0237
Batch 21/248, train_loss: 0.0574, step time: 1.0240
Batch 22/248, train_loss: 0.4715, step time: 1.0416
Batch 23/248, train_loss: 0.3462, step time: 1.0418
Batch 24/248, train_loss: 0.1018, step time: 1.0379
Batch 25/248, train_loss: 0.0800, step time: 1.0249
Batch 26/248, train_loss: 0.4055, step time: 1.0249
Batch 27/248, train_loss: 0.0895, step time: 1.0230
Batch 28/248, train_loss: 0.1696, step time: 1.0476
Batch 29/248, train_loss: 0.3900, step time: 1.0511
Batch 30/248, train_loss: 0.4134, step time: 1.0376
Batch 31/248, train_loss: 0.3041, step time: 1.0437
Batch 32/248, train_loss: 0.1012, step time: 1.0437
Batch 33/248, train_loss: 0.0850, step time: 1.0225
Batch 34/248, train_loss: 0.0520, step time: 1.0259
Batch 35/248, train_loss: 0.0589, step time: 1.0273
Batch 36/248, train_loss: 0.3781, step time: 1.0242
Batch 37/248, train_loss: 0.2149, step time: 1.0376
Batch 38/248, train_loss: 0.2914, step time: 1.0382
Batch 39/248, train_loss: 0.1836, step time: 1.0171
Batch 40/248, train_loss: 0.6588, step time: 1.0212
Batch 41/248, train_loss: 0.1853, step time: 1.0308
Batch 42/248, train_loss: 0.0917, step time: 1.0469
Batch 43/248, train_loss: 0.0623, step time: 1.0534
Batch 44/248, train_loss: 0.1355, step time: 1.0208
Batch 45/248, train_loss: 0.4433, step time: 1.0279
Batch 46/248, train_loss: 0.1678, step time: 1.0368
Batch 47/248, train_loss: 0.0946, step time: 1.0486
Batch 48/248, train_loss: 0.2010, step time: 1.0187
Batch 49/248, train_loss: 0.4389, step time: 1.0406
Batch 50/248, train_loss: 0.1892, step time: 1.0401
Batch 51/248, train_loss: 0.1511, step time: 1.0485
Batch 52/248, train_loss: 0.1452, step time: 1.0436
Batch 53/248, train_loss: 0.4189, step time: 1.0370
Batch 54/248, train_loss: 0.2864, step time: 1.0533
Batch 55/248, train_loss: 0.2877, step time: 1.0438
Batch 56/248, train_loss: 0.2154, step time: 1.0442
Batch 57/248, train_loss: 0.2608, step time: 1.0345
Batch 58/248, train_loss: 0.0889, step time: 1.0421
Batch 59/248, train_loss: 0.0957, step time: 1.0293
Batch 60/248, train_loss: 0.0726, step time: 1.0425
Batch 61/248, train_loss: 0.0926, step time: 1.0442
Batch 62/248, train_loss: 0.2473, step time: 1.0475
Batch 63/248, train_loss: 0.4547, step time: 1.0310
Batch 64/248, train_loss: 0.3982, step time: 1.0341
Batch 65/248, train_loss: 0.2662, step time: 1.0383
Batch 66/248, train_loss: 0.1362, step time: 1.0367
Batch 67/248, train_loss: 0.0893, step time: 1.0370
Batch 68/248, train_loss: 0.1193, step time: 1.0400
Batch 69/248, train_loss: 0.3790, step time: 1.0400
Batch 70/248, train_loss: 0.1745, step time: 1.0412
Batch 71/248, train_loss: 0.1290, step time: 1.0332
Batch 72/248, train_loss: 0.0643, step time: 1.0227
Batch 73/248, train_loss: 0.1010, step time: 1.0309
```

Batch 74/248, train_loss: 0.9913, step time: 1.0423
Batch 75/248, train_loss: 0.1545, step time: 1.0260
Batch 76/248, train_loss: 0.4753, step time: 1.0230
Batch 77/248, train_loss: 0.6657, step time: 1.0250
Batch 78/248, train_loss: 0.1137, step time: 1.0261
Batch 79/248, train_loss: 0.1456, step time: 1.0279
Batch 80/248, train_loss: 0.1917, step time: 1.0303
Batch 81/248, train_loss: 0.1861, step time: 1.0481
Batch 82/248, train_loss: 0.1118, step time: 1.0272
Batch 83/248, train_loss: 0.6148, step time: 1.0347
Batch 84/248, train_loss: 0.2306, step time: 1.0522
Batch 85/248, train_loss: 0.3802, step time: 1.0233
Batch 86/248, train_loss: 0.2662, step time: 1.0483
Batch 87/248, train_loss: 0.5139, step time: 1.0215
Batch 88/248, train_loss: 0.3328, step time: 1.0539
Batch 89/248, train_loss: 0.0799, step time: 1.0208
Batch 90/248, train_loss: 0.2062, step time: 1.0465
Batch 91/248, train_loss: 0.3437, step time: 1.0282
Batch 92/248, train_loss: 0.2356, step time: 1.0479
Batch 93/248, train_loss: 0.1667, step time: 1.0426
Batch 94/248, train_loss: 0.2526, step time: 1.0360
Batch 95/248, train_loss: 0.1561, step time: 1.0332
Batch 96/248, train_loss: 0.1770, step time: 1.0417
Batch 97/248, train_loss: 0.4350, step time: 1.0335
Batch 98/248, train_loss: 0.1156, step time: 1.0455
Batch 99/248, train_loss: 0.2912, step time: 1.0288
Batch 100/248, train_loss: 0.2902, step time: 1.0413
Batch 101/248, train_loss: 0.0614, step time: 1.0343
Batch 102/248, train_loss: 0.1112, step time: 1.0424
Batch 103/248, train_loss: 0.3103, step time: 1.0481
Batch 104/248, train_loss: 0.3051, step time: 1.0463
Batch 105/248, train_loss: 0.0905, step time: 1.0280
Batch 106/248, train_loss: 0.1317, step time: 1.0259
Batch 107/248, train_loss: 0.2524, step time: 1.0394
Batch 108/248, train_loss: 0.5281, step time: 1.0455
Batch 109/248, train_loss: 0.2920, step time: 1.0521
Batch 110/248, train_loss: 0.2752, step time: 1.0543
Batch 111/248, train_loss: 0.0982, step time: 1.0252
Batch 112/248, train_loss: 0.1525, step time: 1.0250
Batch 113/248, train_loss: 0.9289, step time: 1.0330
Batch 114/248, train_loss: 0.1518, step time: 1.0457
Batch 115/248, train_loss: 0.1561, step time: 1.0494
Batch 116/248, train_loss: 0.0749, step time: 1.0410
Batch 117/248, train_loss: 0.7636, step time: 1.0234
Batch 118/248, train_loss: 0.1542, step time: 1.0527
Batch 119/248, train_loss: 0.2781, step time: 1.0275
Batch 120/248, train_loss: 0.2591, step time: 1.0347
Batch 121/248, train_loss: 0.3291, step time: 1.0356
Batch 122/248, train_loss: 0.4750, step time: 1.0330
Batch 123/248, train_loss: 0.0707, step time: 1.0230
Batch 124/248, train_loss: 0.2924, step time: 1.0290
Batch 125/248, train_loss: 0.4991, step time: 1.0340
Batch 126/248, train_loss: 0.1867, step time: 1.0177
Batch 127/248, train_loss: 0.1375, step time: 1.0263
Batch 128/248, train_loss: 0.1726, step time: 1.0429
Batch 129/248, train_loss: 0.1091, step time: 1.0234
Batch 130/248, train_loss: 0.0944, step time: 1.0260
Batch 131/248, train_loss: 0.3599, step time: 1.0373
Batch 132/248, train_loss: 0.1769, step time: 1.0313
Batch 133/248, train_loss: 0.1297, step time: 1.0312
Batch 134/248, train_loss: 0.5107, step time: 1.0372
Batch 135/248, train_loss: 0.2321, step time: 1.0323
Batch 136/248, train_loss: 0.1275, step time: 1.0403
Batch 137/248, train_loss: 0.1117, step time: 1.0249
Batch 138/248, train_loss: 0.0747, step time: 1.0378
Batch 139/248, train_loss: 0.1469, step time: 1.0413
Batch 140/248, train_loss: 0.1655, step time: 1.0276
Batch 141/248, train_loss: 0.1642, step time: 1.0354
Batch 142/248, train_loss: 0.5695, step time: 1.0441
Batch 143/248, train_loss: 0.2460, step time: 1.0348
Batch 144/248, train_loss: 0.1442, step time: 1.0191
Batch 145/248, train_loss: 0.0626, step time: 1.0208
Batch 146/248, train_loss: 0.3352, step time: 1.0216
Batch 147/248, train_loss: 0.0570, step time: 1.0478
Batch 148/248, train_loss: 0.5730, step time: 1.0257
Batch 149/248, train_loss: 0.1521, step time: 1.0329
Batch 150/248, train_loss: 0.5731, step time: 1.0289
Batch 151/248, train_loss: 0.2853, step time: 1.0291
Batch 152/248, train_loss: 0.0457, step time: 1.0384
Batch 153/248, train_loss: 0.2199, step time: 1.0544
Batch 154/248, train_loss: 0.5092, step time: 1.0293
Batch 155/248, train_loss: 0.1314, step time: 1.0403
Batch 156/248, train_loss: 0.1784, step time: 1.0224
Batch 157/248, train_loss: 0.3227, step time: 1.0473
Batch 158/248, train_loss: 0.9919, step time: 1.0440

Batch 159/248, train_loss: 0.3822, step time: 1.0304
Batch 160/248, train_loss: 0.1041, step time: 1.0510
Batch 161/248, train_loss: 0.0624, step time: 1.0277
Batch 162/248, train_loss: 0.0797, step time: 1.0476
Batch 163/248, train_loss: 0.1453, step time: 1.0399
Batch 164/248, train_loss: 0.1610, step time: 1.0257
Batch 165/248, train_loss: 0.4186, step time: 1.0303
Batch 166/248, train_loss: 0.0915, step time: 1.0371
Batch 167/248, train_loss: 0.2141, step time: 1.0270
Batch 168/248, train_loss: 0.1699, step time: 1.0321
Batch 169/248, train_loss: 0.1448, step time: 1.0300
Batch 170/248, train_loss: 0.4579, step time: 1.0409
Batch 171/248, train_loss: 0.0878, step time: 1.0465
Batch 172/248, train_loss: 0.4756, step time: 1.0346
Batch 173/248, train_loss: 0.0786, step time: 1.0261
Batch 174/248, train_loss: 0.7673, step time: 1.0372
Batch 175/248, train_loss: 0.1277, step time: 1.0359
Batch 176/248, train_loss: 0.4003, step time: 1.0409
Batch 177/248, train_loss: 0.2769, step time: 1.0290
Batch 178/248, train_loss: 0.1840, step time: 1.0452
Batch 179/248, train_loss: 0.0945, step time: 1.0282
Batch 180/248, train_loss: 0.3715, step time: 1.0233
Batch 181/248, train_loss: 0.1031, step time: 1.0364
Batch 182/248, train_loss: 0.7800, step time: 1.0352
Batch 183/248, train_loss: 0.1233, step time: 1.0259
Batch 184/248, train_loss: 0.1708, step time: 1.0403
Batch 185/248, train_loss: 0.1132, step time: 1.0301
Batch 186/248, train_loss: 0.0893, step time: 1.0319
Batch 187/248, train_loss: 0.1869, step time: 1.0518
Batch 188/248, train_loss: 0.2146, step time: 1.0287
Batch 189/248, train_loss: 0.4519, step time: 1.0449
Batch 190/248, train_loss: 0.1414, step time: 1.0294
Batch 191/248, train_loss: 0.6279, step time: 1.0235
Batch 192/248, train_loss: 0.1910, step time: 1.0359
Batch 193/248, train_loss: 0.2611, step time: 1.0441
Batch 194/248, train_loss: 0.0992, step time: 1.0423
Batch 195/248, train_loss: 0.6268, step time: 1.0414
Batch 196/248, train_loss: 0.9998, step time: 1.0206
Batch 197/248, train_loss: 0.2051, step time: 1.0515
Batch 198/248, train_loss: 0.9465, step time: 1.0237
Batch 199/248, train_loss: 0.1399, step time: 1.0240
Batch 200/248, train_loss: 0.1515, step time: 1.0424
Batch 201/248, train_loss: 0.1267, step time: 1.0443
Batch 202/248, train_loss: 0.3937, step time: 1.0490
Batch 203/248, train_loss: 0.3870, step time: 1.0351
Batch 204/248, train_loss: 0.2337, step time: 1.0455
Batch 205/248, train_loss: 0.3132, step time: 1.0448
Batch 206/248, train_loss: 0.3076, step time: 1.0231
Batch 207/248, train_loss: 0.0861, step time: 1.0275
Batch 208/248, train_loss: 0.1306, step time: 1.0313
Batch 209/248, train_loss: 0.1942, step time: 1.0232
Batch 210/248, train_loss: 0.0703, step time: 1.0392
Batch 211/248, train_loss: 0.0885, step time: 1.0271
Batch 212/248, train_loss: 0.2001, step time: 1.0294
Batch 213/248, train_loss: 0.1736, step time: 1.0440
Batch 214/248, train_loss: 0.0989, step time: 1.0196
Batch 215/248, train_loss: 0.2100, step time: 1.0245
Batch 216/248, train_loss: 0.2251, step time: 1.0383
Batch 217/248, train_loss: 0.2784, step time: 1.0539
Batch 218/248, train_loss: 0.7416, step time: 1.0370
Batch 219/248, train_loss: 0.0802, step time: 1.0280
Batch 220/248, train_loss: 0.2305, step time: 1.0362
Batch 221/248, train_loss: 0.2740, step time: 1.0406
Batch 222/248, train_loss: 0.2285, step time: 1.0295
Batch 223/248, train_loss: 0.0580, step time: 1.0395
Batch 224/248, train_loss: 0.1008, step time: 1.0336
Batch 225/248, train_loss: 0.1960, step time: 1.0292
Batch 226/248, train_loss: 0.1234, step time: 1.0277
Batch 227/248, train_loss: 0.1239, step time: 1.0378
Batch 228/248, train_loss: 0.1712, step time: 1.0214
Batch 229/248, train_loss: 0.1081, step time: 1.0468
Batch 230/248, train_loss: 0.0752, step time: 1.0512
Batch 231/248, train_loss: 0.3825, step time: 1.0357
Batch 232/248, train_loss: 0.0765, step time: 1.0441
Batch 233/248, train_loss: 0.8151, step time: 1.0298
Batch 234/248, train_loss: 0.4378, step time: 1.0313
Batch 235/248, train_loss: 0.2980, step time: 1.0295
Batch 236/248, train_loss: 0.7649, step time: 1.0437
Batch 237/248, train_loss: 0.1535, step time: 1.0278
Batch 238/248, train_loss: 0.1085, step time: 1.0323
Batch 239/248, train_loss: 0.0635, step time: 1.0332
Batch 240/248, train_loss: 0.2682, step time: 1.0441
Batch 241/248, train_loss: 0.7045, step time: 1.0227
Batch 242/248, train_loss: 0.1980, step time: 1.0522
Batch 243/248, train_loss: 0.4001, step time: 1.0451

```
Batch 244/248, train_loss: 0.4133, step time: 1.0346  
Batch 245/248, train_loss: 0.1039, step time: 1.0261  
Batch 246/248, train_loss: 0.5895, step time: 1.0267  
Batch 247/248, train_loss: 0.0819, step time: 1.0415  
Batch 248/248, train_loss: 0.9996, step time: 1.0196
```

Labels



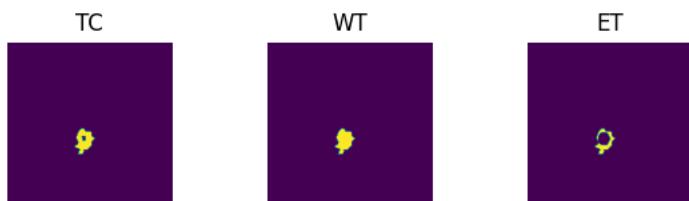
Predictions



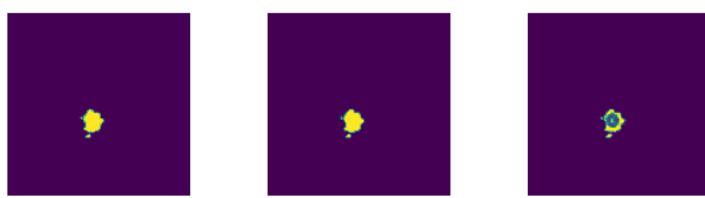
VAL

```
Batch 1/31, val_loss: 0.8340  
Batch 2/31, val_loss: 0.8987  
Batch 3/31, val_loss: 0.9687  
Batch 4/31, val_loss: 0.9467  
Batch 5/31, val_loss: 0.9877  
Batch 6/31, val_loss: 0.6760  
Batch 7/31, val_loss: 0.8164  
Batch 8/31, val_loss: 0.9558  
Batch 9/31, val_loss: 0.6848  
Batch 10/31, val_loss: 0.9384  
Batch 11/31, val_loss: 0.7929  
Batch 12/31, val_loss: 0.9667  
Batch 13/31, val_loss: 0.9407  
Batch 14/31, val_loss: 0.9370  
Batch 15/31, val_loss: 0.9870  
Batch 16/31, val_loss: 0.9470  
Batch 17/31, val_loss: 0.9603  
Batch 18/31, val_loss: 0.9270  
Batch 19/31, val_loss: 0.7456  
Batch 20/31, val_loss: 0.8549  
Batch 21/31, val_loss: 0.9464  
Batch 22/31, val_loss: 0.9819  
Batch 23/31, val_loss: 0.9643  
Batch 24/31, val_loss: 0.7296  
Batch 25/31, val_loss: 0.7800  
Batch 26/31, val_loss: 0.8992  
Batch 27/31, val_loss: 0.9788  
Batch 28/31, val_loss: 0.7411  
Batch 29/31, val_loss: 0.9828  
Batch 30/31, val_loss: 0.9660  
Batch 31/31, val_loss: 0.9643
```

Labels



Predictions



epoch 73

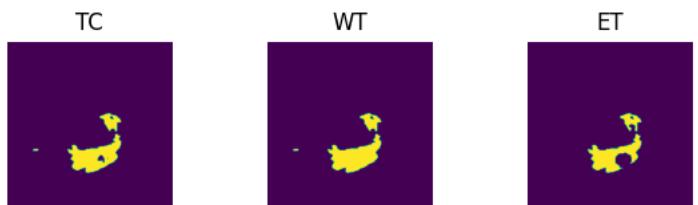
```
average train loss: 0.2642
average validation loss: 0.8936
saved as best model: False
current mean dice: 0.5143
current TC dice: 0.5488
current WT dice: 0.5485
current ET dice: 0.4803
Best Mean Metric: 0.5343
time consuming of epoch 73 is: 1576.8774
-----
epoch 74/100
TRAIN
Batch 1/248, train_loss: 0.0784, step time: 1.0481
Batch 2/248, train_loss: 0.7066, step time: 1.0477
Batch 3/248, train_loss: 0.3347, step time: 1.0224
Batch 4/248, train_loss: 0.9819, step time: 1.0544
Batch 5/248, train_loss: 0.1890, step time: 1.0512
Batch 6/248, train_loss: 0.2485, step time: 1.0444
Batch 7/248, train_loss: 0.0736, step time: 1.0341
Batch 8/248, train_loss: 0.7231, step time: 1.0391
Batch 9/248, train_loss: 0.0459, step time: 1.0449
Batch 10/248, train_loss: 0.2674, step time: 1.0423
Batch 11/248, train_loss: 0.2171, step time: 1.0404
Batch 12/248, train_loss: 0.3380, step time: 1.0370
Batch 13/248, train_loss: 0.2785, step time: 1.0398
Batch 14/248, train_loss: 0.0558, step time: 1.0460
Batch 15/248, train_loss: 0.3777, step time: 1.0294
Batch 16/248, train_loss: 0.1732, step time: 1.0398
Batch 17/248, train_loss: 0.2504, step time: 1.0486
Batch 18/248, train_loss: 0.2853, step time: 1.0510
Batch 19/248, train_loss: 0.1188, step time: 1.0276
Batch 20/248, train_loss: 0.1251, step time: 1.0400
Batch 21/248, train_loss: 0.0640, step time: 1.0381
Batch 22/248, train_loss: 0.4668, step time: 1.0095
Batch 23/248, train_loss: 0.2881, step time: 1.0202
Batch 24/248, train_loss: 0.0988, step time: 1.0250
Batch 25/248, train_loss: 0.0733, step time: 1.0235
Batch 26/248, train_loss: 0.3764, step time: 1.0495
Batch 27/248, train_loss: 0.0678, step time: 1.0207
Batch 28/248, train_loss: 0.1768, step time: 1.0243
Batch 29/248, train_loss: 0.3551, step time: 1.0387
Batch 30/248, train_loss: 0.1968, step time: 1.0302
Batch 31/248, train_loss: 0.2845, step time: 1.0413
Batch 32/248, train_loss: 0.0900, step time: 1.0426
Batch 33/248, train_loss: 0.0773, step time: 1.0461
Batch 34/248, train_loss: 0.0489, step time: 1.0444
Batch 35/248, train_loss: 0.0605, step time: 1.0174
Batch 36/248, train_loss: 0.3525, step time: 1.0304
Batch 37/248, train_loss: 0.1731, step time: 1.0319
Batch 38/248, train_loss: 0.2765, step time: 1.0188
Batch 39/248, train_loss: 0.1827, step time: 1.0415
Batch 40/248, train_loss: 0.7829, step time: 1.0342
Batch 41/248, train_loss: 0.1645, step time: 1.0335
Batch 42/248, train_loss: 0.0877, step time: 1.0410
Batch 43/248, train_loss: 0.0664, step time: 1.0503
Batch 44/248, train_loss: 0.1884, step time: 1.0314
Batch 45/248, train_loss: 0.4808, step time: 1.0230
Batch 46/248, train_loss: 0.1545, step time: 1.0179
Batch 47/248, train_loss: 0.1007, step time: 1.0438
Batch 48/248, train_loss: 0.2349, step time: 1.0242
Batch 49/248, train_loss: 0.4426, step time: 1.0215
Batch 50/248, train_loss: 0.1735, step time: 1.0434
Batch 51/248, train_loss: 0.1562, step time: 1.0373
Batch 52/248, train_loss: 0.1552, step time: 1.0514
Batch 53/248, train_loss: 0.3940, step time: 1.0466
Batch 54/248, train_loss: 0.2843, step time: 1.0334
Batch 55/248, train_loss: 0.2700, step time: 1.0552
Batch 56/248, train_loss: 0.1919, step time: 1.0324
Batch 57/248, train_loss: 0.2812, step time: 1.0241
Batch 58/248, train_loss: 0.0872, step time: 1.0328
Batch 59/248, train_loss: 0.0964, step time: 1.0330
Batch 60/248, train_loss: 0.0718, step time: 1.0450
Batch 61/248, train_loss: 0.0955, step time: 1.0345
Batch 62/248, train_loss: 0.2614, step time: 1.0331
Batch 63/248, train_loss: 0.4421, step time: 1.0299
Batch 64/248, train_loss: 0.3916, step time: 1.0439
Batch 65/248, train_loss: 0.2567, step time: 1.0291
Batch 66/248, train_loss: 0.1477, step time: 1.0274
Batch 67/248, train_loss: 0.0868, step time: 1.0336
Batch 68/248, train_loss: 0.1288, step time: 1.0391
Batch 69/248, train_loss: 0.4059, step time: 1.0301
Batch 70/248, train_loss: 0.1784, step time: 1.0256
Batch 71/248, train_loss: 0.1260, step time: 1.0464
Batch 72/248, train_loss: 0.0667, step time: 1.0380
Batch 73/248, train_loss: 0.1114, step time: 1.0421
```

Batch 74/248, train_loss: 0.9947, step time: 1.0370
Batch 75/248, train_loss: 0.1497, step time: 1.0277
Batch 76/248, train_loss: 0.5015, step time: 1.0323
Batch 77/248, train_loss: 0.7182, step time: 1.0228
Batch 78/248, train_loss: 0.1264, step time: 1.0287
Batch 79/248, train_loss: 0.1323, step time: 1.0467
Batch 80/248, train_loss: 0.1951, step time: 1.0378
Batch 81/248, train_loss: 0.1940, step time: 1.0330
Batch 82/248, train_loss: 0.1151, step time: 1.0368
Batch 83/248, train_loss: 0.6003, step time: 1.0545
Batch 84/248, train_loss: 0.2295, step time: 1.0252
Batch 85/248, train_loss: 0.3829, step time: 1.0455
Batch 86/248, train_loss: 0.2376, step time: 1.0202
Batch 87/248, train_loss: 0.5102, step time: 1.0301
Batch 88/248, train_loss: 0.3453, step time: 1.0360
Batch 89/248, train_loss: 0.0767, step time: 1.0285
Batch 90/248, train_loss: 0.1779, step time: 1.0357
Batch 91/248, train_loss: 0.3501, step time: 1.0526
Batch 92/248, train_loss: 0.2318, step time: 1.0256
Batch 93/248, train_loss: 0.1697, step time: 1.0272
Batch 94/248, train_loss: 0.2666, step time: 1.0296
Batch 95/248, train_loss: 0.1454, step time: 1.0241
Batch 96/248, train_loss: 0.1793, step time: 1.0388
Batch 97/248, train_loss: 0.2957, step time: 1.0282
Batch 98/248, train_loss: 0.1121, step time: 1.0489
Batch 99/248, train_loss: 0.2954, step time: 1.0438
Batch 100/248, train_loss: 0.2568, step time: 1.0371
Batch 101/248, train_loss: 0.0596, step time: 1.0386
Batch 102/248, train_loss: 0.1081, step time: 1.0205
Batch 103/248, train_loss: 0.3220, step time: 1.0360
Batch 104/248, train_loss: 0.3108, step time: 1.0332
Batch 105/248, train_loss: 0.0920, step time: 1.0469
Batch 106/248, train_loss: 0.1376, step time: 1.0390
Batch 107/248, train_loss: 0.2331, step time: 1.0477
Batch 108/248, train_loss: 0.4289, step time: 1.0407
Batch 109/248, train_loss: 0.2775, step time: 1.0532
Batch 110/248, train_loss: 0.3157, step time: 1.0201
Batch 111/248, train_loss: 0.1000, step time: 1.0515
Batch 112/248, train_loss: 0.1233, step time: 1.0343
Batch 113/248, train_loss: 0.9130, step time: 1.0417
Batch 114/248, train_loss: 0.1427, step time: 1.0452
Batch 115/248, train_loss: 0.1561, step time: 1.0355
Batch 116/248, train_loss: 0.0784, step time: 1.0296
Batch 117/248, train_loss: 0.7232, step time: 1.0435
Batch 118/248, train_loss: 0.1689, step time: 1.0331
Batch 119/248, train_loss: 0.2842, step time: 1.0406
Batch 120/248, train_loss: 0.2244, step time: 1.0243
Batch 121/248, train_loss: 0.3432, step time: 1.0373
Batch 122/248, train_loss: 0.4412, step time: 1.0551
Batch 123/248, train_loss: 0.0668, step time: 1.0260
Batch 124/248, train_loss: 0.2453, step time: 1.0508
Batch 125/248, train_loss: 0.4639, step time: 1.0281
Batch 126/248, train_loss: 0.1855, step time: 1.0212
Batch 127/248, train_loss: 0.1268, step time: 1.0211
Batch 128/248, train_loss: 0.2084, step time: 1.0392
Batch 129/248, train_loss: 0.1117, step time: 1.0415
Batch 130/248, train_loss: 0.0996, step time: 1.0392
Batch 131/248, train_loss: 0.3948, step time: 1.0477
Batch 132/248, train_loss: 0.1878, step time: 1.0250
Batch 133/248, train_loss: 0.1482, step time: 1.0383
Batch 134/248, train_loss: 0.5009, step time: 1.0553
Batch 135/248, train_loss: 0.2519, step time: 1.0418
Batch 136/248, train_loss: 0.1198, step time: 1.0395
Batch 137/248, train_loss: 0.1188, step time: 1.0453
Batch 138/248, train_loss: 0.0738, step time: 1.0464
Batch 139/248, train_loss: 0.1494, step time: 1.0317
Batch 140/248, train_loss: 0.2819, step time: 1.0427
Batch 141/248, train_loss: 0.1578, step time: 1.0197
Batch 142/248, train_loss: 0.5161, step time: 1.0236
Batch 143/248, train_loss: 0.2645, step time: 1.0201
Batch 144/248, train_loss: 0.1445, step time: 1.0253
Batch 145/248, train_loss: 0.0601, step time: 1.0318
Batch 146/248, train_loss: 0.3489, step time: 1.0344
Batch 147/248, train_loss: 0.0523, step time: 1.0232
Batch 148/248, train_loss: 0.4963, step time: 1.0446
Batch 149/248, train_loss: 0.1520, step time: 1.0457
Batch 150/248, train_loss: 0.5397, step time: 1.0271
Batch 151/248, train_loss: 0.2875, step time: 1.0369
Batch 152/248, train_loss: 0.0451, step time: 1.0314
Batch 153/248, train_loss: 0.1912, step time: 1.0537
Batch 154/248, train_loss: 0.5035, step time: 1.0340
Batch 155/248, train_loss: 0.1143, step time: 1.0275
Batch 156/248, train_loss: 0.1855, step time: 1.0526
Batch 157/248, train_loss: 0.3255, step time: 1.0494
Batch 158/248, train_loss: 0.9976, step time: 1.0298

Batch 159/248, train_loss: 0.3372, step time: 1.0459
Batch 160/248, train_loss: 0.1006, step time: 1.0464
Batch 161/248, train_loss: 0.0632, step time: 1.0308
Batch 162/248, train_loss: 0.0763, step time: 1.0472
Batch 163/248, train_loss: 0.1332, step time: 1.0525
Batch 164/248, train_loss: 0.1684, step time: 1.0207
Batch 165/248, train_loss: 0.4496, step time: 1.0421
Batch 166/248, train_loss: 0.0873, step time: 1.0414
Batch 167/248, train_loss: 0.2138, step time: 1.0505
Batch 168/248, train_loss: 0.1732, step time: 1.0371
Batch 169/248, train_loss: 0.1390, step time: 1.0306
Batch 170/248, train_loss: 0.4481, step time: 1.0303
Batch 171/248, train_loss: 0.0846, step time: 1.0263
Batch 172/248, train_loss: 0.5534, step time: 1.0316
Batch 173/248, train_loss: 0.0784, step time: 1.0375
Batch 174/248, train_loss: 0.8694, step time: 1.0348
Batch 175/248, train_loss: 0.1309, step time: 1.0197
Batch 176/248, train_loss: 0.3963, step time: 1.0300
Batch 177/248, train_loss: 0.2873, step time: 1.0457
Batch 178/248, train_loss: 0.1625, step time: 1.0388
Batch 179/248, train_loss: 0.0922, step time: 1.0412
Batch 180/248, train_loss: 0.3782, step time: 1.0296
Batch 181/248, train_loss: 0.1066, step time: 1.0208
Batch 182/248, train_loss: 0.8622, step time: 1.0380
Batch 183/248, train_loss: 0.1266, step time: 1.0280
Batch 184/248, train_loss: 0.1894, step time: 1.0290
Batch 185/248, train_loss: 0.1152, step time: 1.0200
Batch 186/248, train_loss: 0.0924, step time: 1.0441
Batch 187/248, train_loss: 0.1752, step time: 1.0281
Batch 188/248, train_loss: 0.2186, step time: 1.0325
Batch 189/248, train_loss: 0.5176, step time: 1.0289
Batch 190/248, train_loss: 0.1487, step time: 1.0277
Batch 191/248, train_loss: 0.6694, step time: 1.0399
Batch 192/248, train_loss: 0.1954, step time: 1.0484
Batch 193/248, train_loss: 0.2567, step time: 1.0178
Batch 194/248, train_loss: 0.0946, step time: 1.0258
Batch 195/248, train_loss: 0.6520, step time: 1.0322
Batch 196/248, train_loss: 0.9999, step time: 1.0216
Batch 197/248, train_loss: 0.2130, step time: 1.0345
Batch 198/248, train_loss: 0.5910, step time: 1.0331
Batch 199/248, train_loss: 0.1363, step time: 1.0193
Batch 200/248, train_loss: 0.1588, step time: 1.0287
Batch 201/248, train_loss: 0.1269, step time: 1.0375
Batch 202/248, train_loss: 0.3955, step time: 1.0374
Batch 203/248, train_loss: 0.4658, step time: 1.0402
Batch 204/248, train_loss: 0.1248, step time: 1.0298
Batch 205/248, train_loss: 0.3135, step time: 1.0354
Batch 206/248, train_loss: 0.3174, step time: 1.0351
Batch 207/248, train_loss: 0.0950, step time: 1.0421
Batch 208/248, train_loss: 0.1641, step time: 1.0344
Batch 209/248, train_loss: 0.1398, step time: 1.0377
Batch 210/248, train_loss: 0.0736, step time: 1.0516
Batch 211/248, train_loss: 0.0837, step time: 1.0416
Batch 212/248, train_loss: 0.2579, step time: 1.0452
Batch 213/248, train_loss: 0.1972, step time: 1.0439
Batch 214/248, train_loss: 0.0990, step time: 1.0333
Batch 215/248, train_loss: 0.2302, step time: 1.0251
Batch 216/248, train_loss: 0.2000, step time: 1.0348
Batch 217/248, train_loss: 0.2968, step time: 1.0367
Batch 218/248, train_loss: 0.7191, step time: 1.0240
Batch 219/248, train_loss: 0.0883, step time: 1.0330
Batch 220/248, train_loss: 0.2616, step time: 1.0342
Batch 221/248, train_loss: 0.2776, step time: 1.0225
Batch 222/248, train_loss: 0.2158, step time: 1.0341
Batch 223/248, train_loss: 0.0559, step time: 1.0442
Batch 224/248, train_loss: 0.0986, step time: 1.0210
Batch 225/248, train_loss: 0.2060, step time: 1.0356
Batch 226/248, train_loss: 0.1896, step time: 1.0309
Batch 227/248, train_loss: 0.1271, step time: 1.0213
Batch 228/248, train_loss: 0.1623, step time: 1.0289
Batch 229/248, train_loss: 0.1180, step time: 1.0496
Batch 230/248, train_loss: 0.0736, step time: 1.0467
Batch 231/248, train_loss: 0.3861, step time: 1.0360
Batch 232/248, train_loss: 0.0852, step time: 1.0339
Batch 233/248, train_loss: 0.7730, step time: 1.0326
Batch 234/248, train_loss: 0.4596, step time: 1.0459
Batch 235/248, train_loss: 0.2983, step time: 1.0459
Batch 236/248, train_loss: 0.8095, step time: 1.0444
Batch 237/248, train_loss: 0.1543, step time: 1.0242
Batch 238/248, train_loss: 0.0999, step time: 1.0457
Batch 239/248, train_loss: 0.0912, step time: 1.0467
Batch 240/248, train_loss: 0.3429, step time: 1.0608
Batch 241/248, train_loss: 0.7051, step time: 1.0326
Batch 242/248, train_loss: 0.1875, step time: 1.0463
Batch 243/248, train_loss: 0.2021, step time: 1.0211

```
Batch 243/248, train_loss: 0.4444, step time: 1.0244  
Batch 244/248, train_loss: 0.4374, step time: 1.0303  
Batch 245/248, train_loss: 0.1188, step time: 1.0387  
Batch 246/248, train_loss: 0.5976, step time: 1.0289  
Batch 247/248, train_loss: 0.0932, step time: 1.0266  
Batch 248/248, train_loss: 0.9999, step time: 1.0382
```

Labels



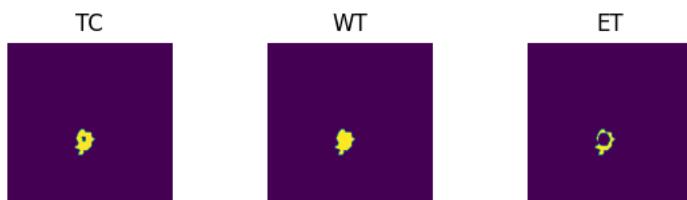
Predictions



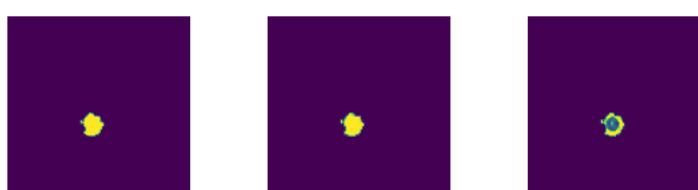
VAL

```
Batch 1/31, val_loss: 0.8225  
Batch 2/31, val_loss: 0.8813  
Batch 3/31, val_loss: 0.9670  
Batch 4/31, val_loss: 0.9424  
Batch 5/31, val_loss: 0.9808  
Batch 6/31, val_loss: 0.6817  
Batch 7/31, val_loss: 0.8230  
Batch 8/31, val_loss: 0.9592  
Batch 9/31, val_loss: 0.6885  
Batch 10/31, val_loss: 0.9606  
Batch 11/31, val_loss: 0.7893  
Batch 12/31, val_loss: 0.9648  
Batch 13/31, val_loss: 0.9350  
Batch 14/31, val_loss: 0.9369  
Batch 15/31, val_loss: 0.9823  
Batch 16/31, val_loss: 0.9406  
Batch 17/31, val_loss: 0.9683  
Batch 18/31, val_loss: 0.9263  
Batch 19/31, val_loss: 0.7448  
Batch 20/31, val_loss: 0.8734  
Batch 21/31, val_loss: 0.9447  
Batch 22/31, val_loss: 0.9800  
Batch 23/31, val_loss: 0.9568  
Batch 24/31, val_loss: 0.7268  
Batch 25/31, val_loss: 0.7795  
Batch 26/31, val_loss: 0.8926  
Batch 27/31, val_loss: 0.9799  
Batch 28/31, val_loss: 0.7442  
Batch 29/31, val_loss: 0.9806  
Batch 30/31, val_loss: 0.9557  
Batch 31/31, val_loss: 0.9606
```

Labels



Predictions



epoch 74

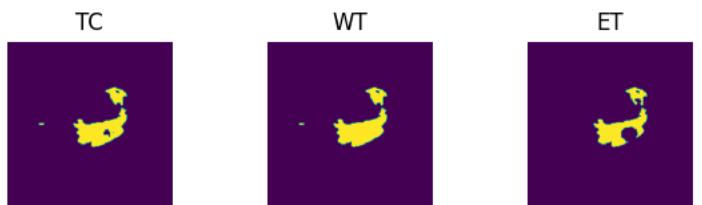
```
average train loss: 0.2636
average validation loss: 0.8926
saved as best model: False
current mean dice: 0.5179
current TC dice: 0.5551
current WT dice: 0.5548
current ET dice: 0.4770
Best Mean Metric: 0.5343
time consuming of epoch 74 is: 1607.5827
-----
epoch 75/100
TRAIN
Batch 1/248, train_loss: 0.1013, step time: 1.0298
Batch 2/248, train_loss: 0.6926, step time: 1.0394
Batch 3/248, train_loss: 0.3647, step time: 1.0418
Batch 4/248, train_loss: 0.9461, step time: 1.0382
Batch 5/248, train_loss: 0.2309, step time: 1.0522
Batch 6/248, train_loss: 0.2425, step time: 1.0277
Batch 7/248, train_loss: 0.0780, step time: 1.0242
Batch 8/248, train_loss: 0.5525, step time: 1.0241
Batch 9/248, train_loss: 0.0540, step time: 1.0181
Batch 10/248, train_loss: 0.2758, step time: 1.0428
Batch 11/248, train_loss: 0.2253, step time: 1.0260
Batch 12/248, train_loss: 0.3689, step time: 1.0232
Batch 13/248, train_loss: 0.3230, step time: 1.0398
Batch 14/248, train_loss: 0.0609, step time: 1.0454
Batch 15/248, train_loss: 0.3399, step time: 1.0345
Batch 16/248, train_loss: 0.1788, step time: 1.0388
Batch 17/248, train_loss: 0.2749, step time: 1.0353
Batch 18/248, train_loss: 0.2938, step time: 1.0374
Batch 19/248, train_loss: 0.1296, step time: 1.0433
Batch 20/248, train_loss: 0.1103, step time: 1.0435
Batch 21/248, train_loss: 0.0584, step time: 1.0362
Batch 22/248, train_loss: 0.4160, step time: 1.0524
Batch 23/248, train_loss: 0.3288, step time: 1.0418
Batch 24/248, train_loss: 0.0922, step time: 1.0265
Batch 25/248, train_loss: 0.0774, step time: 1.0309
Batch 26/248, train_loss: 0.4412, step time: 1.0315
Batch 27/248, train_loss: 0.0836, step time: 1.0456
Batch 28/248, train_loss: 0.1713, step time: 1.0550
Batch 29/248, train_loss: 0.3501, step time: 1.0217
Batch 30/248, train_loss: 0.2149, step time: 1.0404
Batch 31/248, train_loss: 0.3041, step time: 1.0215
Batch 32/248, train_loss: 0.0923, step time: 1.0448
Batch 33/248, train_loss: 0.0766, step time: 1.0259
Batch 34/248, train_loss: 0.0538, step time: 1.0431
Batch 35/248, train_loss: 0.0628, step time: 1.0397
Batch 36/248, train_loss: 0.5232, step time: 1.0199
Batch 37/248, train_loss: 0.1806, step time: 1.0551
Batch 38/248, train_loss: 0.2808, step time: 1.0320
Batch 39/248, train_loss: 0.1857, step time: 1.0462
Batch 40/248, train_loss: 0.5458, step time: 1.0398
Batch 41/248, train_loss: 0.1675, step time: 1.0232
Batch 42/248, train_loss: 0.0920, step time: 1.0481
Batch 43/248, train_loss: 0.0646, step time: 1.0469
Batch 44/248, train_loss: 0.1493, step time: 1.0419
Batch 45/248, train_loss: 0.4652, step time: 1.0294
Batch 46/248, train_loss: 0.1517, step time: 1.0450
Batch 47/248, train_loss: 0.0900, step time: 1.0375
Batch 48/248, train_loss: 0.1897, step time: 1.0440
Batch 49/248, train_loss: 0.3842, step time: 1.0266
Batch 50/248, train_loss: 0.1721, step time: 1.0250
Batch 51/248, train_loss: 0.1758, step time: 1.0516
Batch 52/248, train_loss: 0.1420, step time: 1.0431
Batch 53/248, train_loss: 0.4125, step time: 1.0475
Batch 54/248, train_loss: 0.2828, step time: 1.0399
Batch 55/248, train_loss: 0.2533, step time: 1.0250
Batch 56/248, train_loss: 0.2322, step time: 1.0335
Batch 57/248, train_loss: 0.2678, step time: 1.0266
Batch 58/248, train_loss: 0.0888, step time: 1.0227
Batch 59/248, train_loss: 0.0975, step time: 1.0295
Batch 60/248, train_loss: 0.0716, step time: 1.0279
Batch 61/248, train_loss: 0.0942, step time: 1.0364
Batch 62/248, train_loss: 0.2378, step time: 1.0320
Batch 63/248, train_loss: 0.4450, step time: 1.0220
Batch 64/248, train_loss: 0.3718, step time: 1.0508
Batch 65/248, train_loss: 0.3555, step time: 1.0454
Batch 66/248, train_loss: 0.1303, step time: 1.0389
Batch 67/248, train_loss: 0.0891, step time: 1.0247
Batch 68/248, train_loss: 0.1217, step time: 1.0342
Batch 69/248, train_loss: 0.4319, step time: 1.0473
Batch 70/248, train_loss: 0.1667, step time: 1.0254
Batch 71/248, train_loss: 0.1270, step time: 1.0294
Batch 72/248, train_loss: 0.0674, step time: 1.0420
Batch 73/248, train_loss: 0.0926, step time: 1.0450
```

Batch 74/248, train_loss: 0.9930, step time: 1.0254
Batch 75/248, train_loss: 0.1578, step time: 1.0510
Batch 76/248, train_loss: 0.4766, step time: 1.0498
Batch 77/248, train_loss: 0.6948, step time: 1.0560
Batch 78/248, train_loss: 0.1131, step time: 1.0337
Batch 79/248, train_loss: 0.1189, step time: 1.0400
Batch 80/248, train_loss: 0.1999, step time: 1.0350
Batch 81/248, train_loss: 0.1804, step time: 1.0291
Batch 82/248, train_loss: 0.1096, step time: 1.0404
Batch 83/248, train_loss: 0.6157, step time: 1.0296
Batch 84/248, train_loss: 0.2279, step time: 1.0469
Batch 85/248, train_loss: 0.3930, step time: 1.0275
Batch 86/248, train_loss: 0.2626, step time: 1.0335
Batch 87/248, train_loss: 0.5139, step time: 1.0501
Batch 88/248, train_loss: 0.3442, step time: 1.0399
Batch 89/248, train_loss: 0.0827, step time: 1.0472
Batch 90/248, train_loss: 0.2714, step time: 1.0391
Batch 91/248, train_loss: 0.3489, step time: 1.0553
Batch 92/248, train_loss: 0.2940, step time: 1.0366
Batch 93/248, train_loss: 0.1694, step time: 1.0257
Batch 94/248, train_loss: 0.3867, step time: 1.0441
Batch 95/248, train_loss: 0.1778, step time: 1.0399
Batch 96/248, train_loss: 0.1715, step time: 1.0298
Batch 97/248, train_loss: 0.2992, step time: 1.0454
Batch 98/248, train_loss: 0.1221, step time: 1.0331
Batch 99/248, train_loss: 0.3270, step time: 1.0374
Batch 100/248, train_loss: 0.2732, step time: 1.0333
Batch 101/248, train_loss: 0.0657, step time: 1.0490
Batch 102/248, train_loss: 0.1164, step time: 1.0186
Batch 103/248, train_loss: 0.3054, step time: 1.0338
Batch 104/248, train_loss: 0.3251, step time: 1.0342
Batch 105/248, train_loss: 0.0918, step time: 1.0270
Batch 106/248, train_loss: 0.1352, step time: 1.0375
Batch 107/248, train_loss: 0.2666, step time: 1.0564
Batch 108/248, train_loss: 0.5027, step time: 1.0398
Batch 109/248, train_loss: 0.3315, step time: 1.0323
Batch 110/248, train_loss: 0.8352, step time: 1.0565
Batch 111/248, train_loss: 0.1030, step time: 1.0410
Batch 112/248, train_loss: 0.1446, step time: 1.0427
Batch 113/248, train_loss: 0.9900, step time: 1.0221
Batch 114/248, train_loss: 0.1426, step time: 1.0294
Batch 115/248, train_loss: 0.2554, step time: 1.0461
Batch 116/248, train_loss: 0.1063, step time: 1.0406
Batch 117/248, train_loss: 0.9026, step time: 1.0341
Batch 118/248, train_loss: 0.9289, step time: 1.0229
Batch 119/248, train_loss: 0.2958, step time: 1.0325
Batch 120/248, train_loss: 0.3055, step time: 1.0503
Batch 121/248, train_loss: 0.4923, step time: 1.0486
Batch 122/248, train_loss: 0.7705, step time: 1.0444
Batch 123/248, train_loss: 0.0716, step time: 1.0416
Batch 124/248, train_loss: 0.6894, step time: 1.0245
Batch 125/248, train_loss: 0.4960, step time: 1.0331
Batch 126/248, train_loss: 0.1844, step time: 1.0502
Batch 127/248, train_loss: 0.1365, step time: 1.0274
Batch 128/248, train_loss: 0.1512, step time: 1.0515
Batch 129/248, train_loss: 0.1136, step time: 1.0344
Batch 130/248, train_loss: 0.1285, step time: 1.0279
Batch 131/248, train_loss: 0.5131, step time: 1.0426
Batch 132/248, train_loss: 0.2032, step time: 1.0519
Batch 133/248, train_loss: 0.1555, step time: 1.0463
Batch 134/248, train_loss: 0.5160, step time: 1.0348
Batch 135/248, train_loss: 0.2087, step time: 1.0475
Batch 136/248, train_loss: 0.1281, step time: 1.0517
Batch 137/248, train_loss: 0.1245, step time: 1.0451
Batch 138/248, train_loss: 0.0844, step time: 1.0460
Batch 139/248, train_loss: 0.1884, step time: 1.0475
Batch 140/248, train_loss: 0.2144, step time: 1.0353
Batch 141/248, train_loss: 0.1853, step time: 1.0367
Batch 142/248, train_loss: 0.5818, step time: 1.0246
Batch 143/248, train_loss: 0.2644, step time: 1.0300
Batch 144/248, train_loss: 0.1533, step time: 1.0327
Batch 145/248, train_loss: 0.0663, step time: 1.0460
Batch 146/248, train_loss: 0.3550, step time: 1.0371
Batch 147/248, train_loss: 0.0555, step time: 1.0379
Batch 148/248, train_loss: 0.5130, step time: 1.0436
Batch 149/248, train_loss: 0.1692, step time: 1.0490
Batch 150/248, train_loss: 0.5191, step time: 1.0304
Batch 151/248, train_loss: 0.2905, step time: 1.0351
Batch 152/248, train_loss: 0.0518, step time: 1.0270
Batch 153/248, train_loss: 0.2094, step time: 1.0210
Batch 154/248, train_loss: 0.5340, step time: 1.0536
Batch 155/248, train_loss: 0.2031, step time: 1.0386
Batch 156/248, train_loss: 0.1568, step time: 1.0382
Batch 157/248, train_loss: 0.3307, step time: 1.0533

Batch 158/248, train_loss: 0.9955, step time: 1.0223
Batch 159/248, train_loss: 0.3797, step time: 1.0264
Batch 160/248, train_loss: 0.0995, step time: 1.0315
Batch 161/248, train_loss: 0.0639, step time: 1.0274
Batch 162/248, train_loss: 0.0916, step time: 1.0322
Batch 163/248, train_loss: 0.1331, step time: 1.0323
Batch 164/248, train_loss: 0.1724, step time: 1.0269
Batch 165/248, train_loss: 0.4762, step time: 1.0502
Batch 166/248, train_loss: 0.0920, step time: 1.0456
Batch 167/248, train_loss: 0.2019, step time: 1.0405
Batch 168/248, train_loss: 0.1904, step time: 1.0264
Batch 169/248, train_loss: 0.1277, step time: 1.0461
Batch 170/248, train_loss: 0.5139, step time: 1.0536
Batch 171/248, train_loss: 0.1039, step time: 1.0284
Batch 172/248, train_loss: 0.4348, step time: 1.0361
Batch 173/248, train_loss: 0.0803, step time: 1.0322
Batch 174/248, train_loss: 0.5872, step time: 1.0420
Batch 175/248, train_loss: 0.1828, step time: 1.0283
Batch 176/248, train_loss: 0.4055, step time: 1.0252
Batch 177/248, train_loss: 0.3109, step time: 1.0411
Batch 178/248, train_loss: 0.1849, step time: 1.0255
Batch 179/248, train_loss: 0.0986, step time: 1.0344
Batch 180/248, train_loss: 0.4080, step time: 1.0279
Batch 181/248, train_loss: 0.1002, step time: 1.0269
Batch 182/248, train_loss: 0.8904, step time: 1.0426
Batch 183/248, train_loss: 0.1355, step time: 1.0384
Batch 184/248, train_loss: 0.2545, step time: 1.0313
Batch 185/248, train_loss: 0.1253, step time: 1.0496
Batch 186/248, train_loss: 0.1050, step time: 1.0373
Batch 187/248, train_loss: 0.2044, step time: 1.0387
Batch 188/248, train_loss: 0.2140, step time: 1.0518
Batch 189/248, train_loss: 0.4750, step time: 1.0534
Batch 190/248, train_loss: 0.1422, step time: 1.0519
Batch 191/248, train_loss: 0.6275, step time: 1.0286
Batch 192/248, train_loss: 0.2050, step time: 1.0367
Batch 193/248, train_loss: 0.2493, step time: 1.0301
Batch 194/248, train_loss: 0.0930, step time: 1.0379
Batch 195/248, train_loss: 0.6280, step time: 1.0381
Batch 196/248, train_loss: 0.9993, step time: 1.0207
Batch 197/248, train_loss: 0.2073, step time: 1.0373
Batch 198/248, train_loss: 0.5238, step time: 1.0377
Batch 199/248, train_loss: 0.1313, step time: 1.0511
Batch 200/248, train_loss: 0.1482, step time: 1.0311
Batch 201/248, train_loss: 0.1445, step time: 1.0219
Batch 202/248, train_loss: 0.4250, step time: 1.0441
Batch 203/248, train_loss: 0.4052, step time: 1.0425
Batch 204/248, train_loss: 0.1399, step time: 1.0274
Batch 205/248, train_loss: 0.3170, step time: 1.0392
Batch 206/248, train_loss: 0.3245, step time: 1.0483
Batch 207/248, train_loss: 0.0835, step time: 1.0237
Batch 208/248, train_loss: 0.1522, step time: 1.0302
Batch 209/248, train_loss: 0.1310, step time: 1.0287
Batch 210/248, train_loss: 0.0699, step time: 1.0347
Batch 211/248, train_loss: 0.0838, step time: 1.0375
Batch 212/248, train_loss: 0.7949, step time: 1.0309
Batch 213/248, train_loss: 0.1890, step time: 1.0451
Batch 214/248, train_loss: 0.0948, step time: 1.0366
Batch 215/248, train_loss: 0.2000, step time: 1.0472
Batch 216/248, train_loss: 0.1910, step time: 1.0358
Batch 217/248, train_loss: 0.2637, step time: 1.0320
Batch 218/248, train_loss: 0.7489, step time: 1.0260
Batch 219/248, train_loss: 0.0932, step time: 1.0239
Batch 220/248, train_loss: 0.2929, step time: 1.0487
Batch 221/248, train_loss: 0.3141, step time: 1.0394
Batch 222/248, train_loss: 0.2445, step time: 1.0484
Batch 223/248, train_loss: 0.0576, step time: 1.0435
Batch 224/248, train_loss: 0.0992, step time: 1.0308
Batch 225/248, train_loss: 0.7909, step time: 1.0399
Batch 226/248, train_loss: 0.5344, step time: 1.0221
Batch 227/248, train_loss: 0.1244, step time: 1.0380
Batch 228/248, train_loss: 0.3900, step time: 1.0357
Batch 229/248, train_loss: 0.1122, step time: 1.0250
Batch 230/248, train_loss: 0.0937, step time: 1.0429
Batch 231/248, train_loss: 0.3457, step time: 1.0442
Batch 232/248, train_loss: 0.0981, step time: 1.0401
Batch 233/248, train_loss: 0.9148, step time: 1.0387
Batch 234/248, train_loss: 0.4510, step time: 1.0329
Batch 235/248, train_loss: 0.4213, step time: 1.0469
Batch 236/248, train_loss: 0.8663, step time: 1.0400
Batch 237/248, train_loss: 0.1514, step time: 1.0306
Batch 238/248, train_loss: 0.1152, step time: 1.0357
Batch 239/248, train_loss: 0.0753, step time: 1.0216
Batch 240/248, train_loss: 0.3995, step time: 1.0252
Batch 241/248, train_loss: 0.7060, step time: 1.0345
Batch 242/248, train_loss: 0.2515, step time: 1.0226

```
Batch 243/248, train_loss: 0.4415, step time: 1.0259  
Batch 244/248, train_loss: 0.7047, step time: 1.0330  
Batch 245/248, train_loss: 0.1104, step time: 1.0204  
Batch 246/248, train_loss: 0.6064, step time: 1.0474  
Batch 247/248, train_loss: 0.1125, step time: 1.0480  
Batch 248/248, train_loss: 0.9998, step time: 1.0306
```

Labels



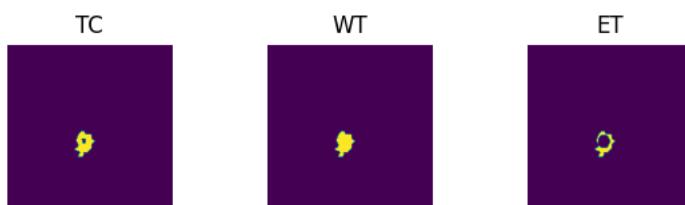
Predictions



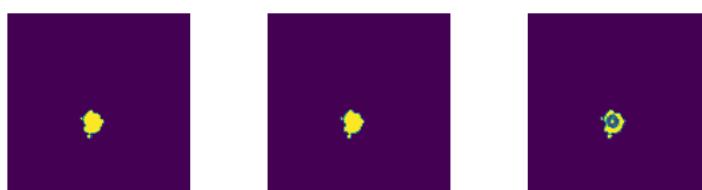
VAL

```
Batch 1/31, val_loss: 0.8364  
Batch 2/31, val_loss: 0.8921  
Batch 3/31, val_loss: 0.9655  
Batch 4/31, val_loss: 0.9435  
Batch 5/31, val_loss: 0.9861  
Batch 6/31, val_loss: 0.6821  
Batch 7/31, val_loss: 0.8174  
Batch 8/31, val_loss: 0.9600  
Batch 9/31, val_loss: 0.7098  
Batch 10/31, val_loss: 0.9373  
Batch 11/31, val_loss: 0.7961  
Batch 12/31, val_loss: 0.9649  
Batch 13/31, val_loss: 0.9416  
Batch 14/31, val_loss: 0.9362  
Batch 15/31, val_loss: 0.9878  
Batch 16/31, val_loss: 0.9477  
Batch 17/31, val_loss: 0.9599  
Batch 18/31, val_loss: 0.9305  
Batch 19/31, val_loss: 0.7435  
Batch 20/31, val_loss: 0.8799  
Batch 21/31, val_loss: 0.9466  
Batch 22/31, val_loss: 0.9723  
Batch 23/31, val_loss: 0.9593  
Batch 24/31, val_loss: 0.7332  
Batch 25/31, val_loss: 0.7961  
Batch 26/31, val_loss: 0.9096  
Batch 27/31, val_loss: 0.9828  
Batch 28/31, val_loss: 0.7823  
Batch 29/31, val_loss: 0.9813  
Batch 30/31, val_loss: 0.9617  
Batch 31/31, val_loss: 0.9657
```

Labels



Predictions



epoch 75

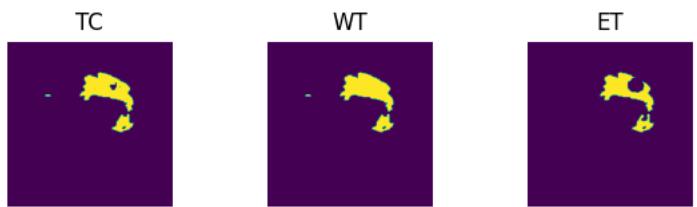
```
epoch 75
average train loss: 0.2872
average validation loss: 0.8971
saved as best model: False
current mean dice: 0.5234
current TC dice: 0.5608
current WT dice: 0.5609
current ET dice: 0.4823
Best Mean Metric: 0.5343
time consuming of epoch 75 is: 1630.1723
-----
epoch 76/100
TRAIN
Batch 1/248, train_loss: 0.0894, step time: 1.0551
Batch 2/248, train_loss: 0.7230, step time: 1.0451
Batch 3/248, train_loss: 0.3791, step time: 1.0344
Batch 4/248, train_loss: 0.9304, step time: 1.0271
Batch 5/248, train_loss: 0.2200, step time: 1.0273
Batch 6/248, train_loss: 0.2387, step time: 1.0517
Batch 7/248, train_loss: 0.0777, step time: 1.0192
Batch 8/248, train_loss: 0.6395, step time: 1.0482
Batch 9/248, train_loss: 0.0544, step time: 1.0386
Batch 10/248, train_loss: 0.3155, step time: 1.0486
Batch 11/248, train_loss: 0.2389, step time: 1.0469
Batch 12/248, train_loss: 0.3645, step time: 1.0287
Batch 13/248, train_loss: 0.3550, step time: 1.0359
Batch 14/248, train_loss: 0.0632, step time: 1.0329
Batch 15/248, train_loss: 0.3879, step time: 1.0457
Batch 16/248, train_loss: 0.1828, step time: 1.0333
Batch 17/248, train_loss: 0.2603, step time: 1.0262
Batch 18/248, train_loss: 0.3531, step time: 1.0245
Batch 19/248, train_loss: 0.1069, step time: 1.0411
Batch 20/248, train_loss: 0.1138, step time: 1.0389
Batch 21/248, train_loss: 0.0695, step time: 1.0312
Batch 22/248, train_loss: 0.4553, step time: 1.0357
Batch 23/248, train_loss: 0.5076, step time: 1.0388
Batch 24/248, train_loss: 0.0940, step time: 1.0441
Batch 25/248, train_loss: 0.0815, step time: 1.0360
Batch 26/248, train_loss: 0.4532, step time: 1.0447
Batch 27/248, train_loss: 0.0966, step time: 1.0248
Batch 28/248, train_loss: 0.2225, step time: 1.0519
Batch 29/248, train_loss: 0.3562, step time: 1.0405
Batch 30/248, train_loss: 0.2089, step time: 1.0238
Batch 31/248, train_loss: 0.3452, step time: 1.0403
Batch 32/248, train_loss: 0.0965, step time: 1.0236
Batch 33/248, train_loss: 0.0829, step time: 1.0181
Batch 34/248, train_loss: 0.0504, step time: 1.0210
Batch 35/248, train_loss: 0.0607, step time: 1.0307
Batch 36/248, train_loss: 0.3696, step time: 1.0331
Batch 37/248, train_loss: 0.1767, step time: 1.0270
Batch 38/248, train_loss: 0.2909, step time: 1.0246
Batch 39/248, train_loss: 0.1712, step time: 1.0186
Batch 40/248, train_loss: 0.7146, step time: 1.0401
Batch 41/248, train_loss: 0.1647, step time: 1.0357
Batch 42/248, train_loss: 0.1061, step time: 1.0434
Batch 43/248, train_loss: 0.0668, step time: 1.0284
Batch 44/248, train_loss: 0.2023, step time: 1.0296
Batch 45/248, train_loss: 0.5731, step time: 1.0489
Batch 46/248, train_loss: 0.1421, step time: 1.0376
Batch 47/248, train_loss: 0.0999, step time: 1.0523
Batch 48/248, train_loss: 0.2409, step time: 1.0405
Batch 49/248, train_loss: 0.4503, step time: 1.0274
Batch 50/248, train_loss: 0.1744, step time: 1.0402
Batch 51/248, train_loss: 0.1533, step time: 1.0347
Batch 52/248, train_loss: 0.1506, step time: 1.0331
Batch 53/248, train_loss: 0.4066, step time: 1.0300
Batch 54/248, train_loss: 0.2941, step time: 1.0363
Batch 55/248, train_loss: 0.3216, step time: 1.0469
Batch 56/248, train_loss: 0.1917, step time: 1.0379
Batch 57/248, train_loss: 0.3025, step time: 1.0408
Batch 58/248, train_loss: 0.0827, step time: 1.0189
Batch 59/248, train_loss: 0.0930, step time: 1.0322
Batch 60/248, train_loss: 0.0712, step time: 1.0331
Batch 61/248, train_loss: 0.0996, step time: 1.0242
Batch 62/248, train_loss: 0.2598, step time: 1.0360
Batch 63/248, train_loss: 0.4405, step time: 1.0518
Batch 64/248, train_loss: 0.4519, step time: 1.0505
Batch 65/248, train_loss: 0.3903, step time: 1.0216
Batch 66/248, train_loss: 0.1404, step time: 1.0330
Batch 67/248, train_loss: 0.0903, step time: 1.0346
Batch 68/248, train_loss: 0.1139, step time: 1.0341
Batch 69/248, train_loss: 0.4044, step time: 1.0553
Batch 70/248, train_loss: 0.1788, step time: 1.0437
Batch 71/248, train_loss: 0.1618, step time: 1.0289
Batch 72/248, train_loss: 0.0620, step time: 1.0257
-----
```

Batch 73/248, train_loss: 0.1708, step time: 1.0185
Batch 74/248, train_loss: 0.9897, step time: 1.0348
Batch 75/248, train_loss: 0.1487, step time: 1.0349
Batch 76/248, train_loss: 0.4810, step time: 1.0402
Batch 77/248, train_loss: 0.7878, step time: 1.0368
Batch 78/248, train_loss: 0.1160, step time: 1.0429
Batch 79/248, train_loss: 0.1350, step time: 1.0393
Batch 80/248, train_loss: 0.1953, step time: 1.0453
Batch 81/248, train_loss: 0.2225, step time: 1.0316
Batch 82/248, train_loss: 0.1149, step time: 1.0289
Batch 83/248, train_loss: 0.6274, step time: 1.0342
Batch 84/248, train_loss: 0.2286, step time: 1.0340
Batch 85/248, train_loss: 0.4175, step time: 1.0419
Batch 86/248, train_loss: 0.2460, step time: 1.0296
Batch 87/248, train_loss: 0.5445, step time: 1.0353
Batch 88/248, train_loss: 0.3393, step time: 1.0386
Batch 89/248, train_loss: 0.0811, step time: 1.0480
Batch 90/248, train_loss: 0.1863, step time: 1.0238
Batch 91/248, train_loss: 0.3556, step time: 1.0256
Batch 92/248, train_loss: 0.2444, step time: 1.0377
Batch 93/248, train_loss: 0.1707, step time: 1.0401
Batch 94/248, train_loss: 0.2837, step time: 1.0364
Batch 95/248, train_loss: 0.1830, step time: 1.0353
Batch 96/248, train_loss: 0.1802, step time: 1.0356
Batch 97/248, train_loss: 0.3696, step time: 1.0411
Batch 98/248, train_loss: 0.1200, step time: 1.0454
Batch 99/248, train_loss: 0.3307, step time: 1.0285
Batch 100/248, train_loss: 0.2845, step time: 1.0433
Batch 101/248, train_loss: 0.0650, step time: 1.0165
Batch 102/248, train_loss: 0.1190, step time: 1.0422
Batch 103/248, train_loss: 0.3052, step time: 1.0190
Batch 104/248, train_loss: 0.3247, step time: 1.0415
Batch 105/248, train_loss: 0.0879, step time: 1.0500
Batch 106/248, train_loss: 0.1365, step time: 1.0279
Batch 107/248, train_loss: 0.2468, step time: 1.0393
Batch 108/248, train_loss: 0.5362, step time: 1.0464
Batch 109/248, train_loss: 0.3698, step time: 1.0273
Batch 110/248, train_loss: 0.3318, step time: 1.0295
Batch 111/248, train_loss: 0.1009, step time: 1.0203
Batch 112/248, train_loss: 0.1346, step time: 1.0196
Batch 113/248, train_loss: 0.8939, step time: 1.0361
Batch 114/248, train_loss: 0.1471, step time: 1.0329
Batch 115/248, train_loss: 0.1426, step time: 1.0336
Batch 116/248, train_loss: 0.0760, step time: 1.0408
Batch 117/248, train_loss: 0.7627, step time: 1.0368
Batch 118/248, train_loss: 0.1739, step time: 1.0242
Batch 119/248, train_loss: 0.2872, step time: 1.0283
Batch 120/248, train_loss: 0.2325, step time: 1.0360
Batch 121/248, train_loss: 0.3281, step time: 1.0406
Batch 122/248, train_loss: 0.3842, step time: 1.0426
Batch 123/248, train_loss: 0.0695, step time: 1.0467
Batch 124/248, train_loss: 0.2411, step time: 1.0249
Batch 125/248, train_loss: 0.4838, step time: 1.0278
Batch 126/248, train_loss: 0.2026, step time: 1.0251
Batch 127/248, train_loss: 0.1273, step time: 1.0185
Batch 128/248, train_loss: 0.1490, step time: 1.0460
Batch 129/248, train_loss: 0.1057, step time: 1.0325
Batch 130/248, train_loss: 0.1035, step time: 1.0236
Batch 131/248, train_loss: 0.4146, step time: 1.0258
Batch 132/248, train_loss: 0.2003, step time: 1.0353
Batch 133/248, train_loss: 0.1504, step time: 1.0394
Batch 134/248, train_loss: 0.5298, step time: 1.0262
Batch 135/248, train_loss: 0.2140, step time: 1.0548
Batch 136/248, train_loss: 0.1248, step time: 1.0507
Batch 137/248, train_loss: 0.1212, step time: 1.0251
Batch 138/248, train_loss: 0.0755, step time: 1.0483
Batch 139/248, train_loss: 0.1580, step time: 1.0271
Batch 140/248, train_loss: 0.1636, step time: 1.0338
Batch 141/248, train_loss: 0.1689, step time: 1.0419
Batch 142/248, train_loss: 0.5597, step time: 1.0336
Batch 143/248, train_loss: 0.2548, step time: 1.0397
Batch 144/248, train_loss: 0.1429, step time: 1.0219
Batch 145/248, train_loss: 0.0555, step time: 1.0390
Batch 146/248, train_loss: 0.3537, step time: 1.0346
Batch 147/248, train_loss: 0.0538, step time: 1.0298
Batch 148/248, train_loss: 0.7445, step time: 1.0424
Batch 149/248, train_loss: 0.1511, step time: 1.0254
Batch 150/248, train_loss: 0.5403, step time: 1.0368
Batch 151/248, train_loss: 0.2861, step time: 1.0337
Batch 152/248, train_loss: 0.0480, step time: 1.0303
Batch 153/248, train_loss: 0.1786, step time: 1.0392
Batch 154/248, train_loss: 0.5104, step time: 1.0339
Batch 155/248, train_loss: 0.1152, step time: 1.0550
Batch 156/248, train_loss: 0.1751, step time: 1.0417
Batch 157/248, train_loss: 0.3269, step time: 1.0333

Batch 158/248, train_loss: 0.9966, step time: 1.0274
Batch 159/248, train_loss: 0.3063, step time: 1.0413
Batch 160/248, train_loss: 0.0981, step time: 1.0493
Batch 161/248, train_loss: 0.0624, step time: 1.0351
Batch 162/248, train_loss: 0.0914, step time: 1.0394
Batch 163/248, train_loss: 0.1282, step time: 1.0459
Batch 164/248, train_loss: 0.1699, step time: 1.0460
Batch 165/248, train_loss: 0.4145, step time: 1.0327
Batch 166/248, train_loss: 0.0996, step time: 1.0261
Batch 167/248, train_loss: 0.2041, step time: 1.0513
Batch 168/248, train_loss: 0.1657, step time: 1.0321
Batch 169/248, train_loss: 0.1508, step time: 1.0509
Batch 170/248, train_loss: 0.5201, step time: 1.0506
Batch 171/248, train_loss: 0.1070, step time: 1.0421
Batch 172/248, train_loss: 0.4455, step time: 1.0414
Batch 173/248, train_loss: 0.0857, step time: 1.0441
Batch 174/248, train_loss: 0.5833, step time: 1.0266
Batch 175/248, train_loss: 0.1416, step time: 1.0250
Batch 176/248, train_loss: 0.3918, step time: 1.0503
Batch 177/248, train_loss: 0.2674, step time: 1.0310
Batch 178/248, train_loss: 0.1747, step time: 1.0397
Batch 179/248, train_loss: 0.0991, step time: 1.0405
Batch 180/248, train_loss: 0.1904, step time: 1.0496
Batch 181/248, train_loss: 0.1075, step time: 1.0233
Batch 182/248, train_loss: 0.7512, step time: 1.0552
Batch 183/248, train_loss: 0.1909, step time: 1.0309
Batch 184/248, train_loss: 0.1994, step time: 1.0328
Batch 185/248, train_loss: 0.1192, step time: 1.0318
Batch 186/248, train_loss: 0.0899, step time: 1.0271
Batch 187/248, train_loss: 0.1802, step time: 1.0219
Batch 188/248, train_loss: 0.2152, step time: 1.0315
Batch 189/248, train_loss: 0.5080, step time: 1.0483
Batch 190/248, train_loss: 0.1809, step time: 1.0504
Batch 191/248, train_loss: 0.6142, step time: 1.0437
Batch 192/248, train_loss: 0.2055, step time: 1.0305
Batch 193/248, train_loss: 0.2546, step time: 1.0391
Batch 194/248, train_loss: 0.1004, step time: 1.0334
Batch 195/248, train_loss: 0.5930, step time: 1.0476
Batch 196/248, train_loss: 0.9942, step time: 1.0259
Batch 197/248, train_loss: 0.2046, step time: 1.0361
Batch 198/248, train_loss: 0.5431, step time: 1.0450
Batch 199/248, train_loss: 0.1401, step time: 1.0417
Batch 200/248, train_loss: 0.1463, step time: 1.0240
Batch 201/248, train_loss: 0.1329, step time: 1.0374
Batch 202/248, train_loss: 0.3926, step time: 1.0427
Batch 203/248, train_loss: 0.4221, step time: 1.0454
Batch 204/248, train_loss: 0.1666, step time: 1.0466
Batch 205/248, train_loss: 0.3178, step time: 1.0202
Batch 206/248, train_loss: 0.2838, step time: 1.0222
Batch 207/248, train_loss: 0.0920, step time: 1.0264
Batch 208/248, train_loss: 0.1468, step time: 1.0451
Batch 209/248, train_loss: 0.1306, step time: 1.0376
Batch 210/248, train_loss: 0.0732, step time: 1.0232
Batch 211/248, train_loss: 0.0893, step time: 1.0330
Batch 212/248, train_loss: 0.2595, step time: 1.0437
Batch 213/248, train_loss: 0.1803, step time: 1.0430
Batch 214/248, train_loss: 0.0955, step time: 1.0485
Batch 215/248, train_loss: 0.2073, step time: 1.0333
Batch 216/248, train_loss: 0.1732, step time: 1.0488
Batch 217/248, train_loss: 0.2665, step time: 1.0530
Batch 218/248, train_loss: 0.7448, step time: 1.0336
Batch 219/248, train_loss: 0.0860, step time: 1.0326
Batch 220/248, train_loss: 0.2362, step time: 1.0442
Batch 221/248, train_loss: 0.2844, step time: 1.0199
Batch 222/248, train_loss: 0.1981, step time: 1.0297
Batch 223/248, train_loss: 0.0583, step time: 1.0328
Batch 224/248, train_loss: 0.1003, step time: 1.0411
Batch 225/248, train_loss: 0.2042, step time: 1.0390
Batch 226/248, train_loss: 0.1287, step time: 1.0438
Batch 227/248, train_loss: 0.1224, step time: 1.0231
Batch 228/248, train_loss: 0.1764, step time: 1.0279
Batch 229/248, train_loss: 0.1106, step time: 1.0203
Batch 230/248, train_loss: 0.0798, step time: 1.0450
Batch 231/248, train_loss: 0.3283, step time: 1.0517
Batch 232/248, train_loss: 0.0778, step time: 1.0363
Batch 233/248, train_loss: 0.7788, step time: 1.0525
Batch 234/248, train_loss: 0.4316, step time: 1.0452
Batch 235/248, train_loss: 0.2838, step time: 1.0305
Batch 236/248, train_loss: 0.7902, step time: 1.0308
Batch 237/248, train_loss: 0.1583, step time: 1.0419
Batch 238/248, train_loss: 0.1040, step time: 1.0369
Batch 239/248, train_loss: 0.0756, step time: 1.0370
Batch 240/248, train_loss: 0.3342, step time: 1.0319
Batch 241/248, train_loss: 0.7387, step time: 1.0493
Batch 242/248, train_loss: 0.1798, step time: 1.0290

```
Batch 243/248, train_loss: 0.4363, step time: 1.0422  
Batch 244/248, train_loss: 0.4468, step time: 1.0288  
Batch 245/248, train_loss: 0.0986, step time: 1.0284  
Batch 246/248, train_loss: 0.5630, step time: 1.0341  
Batch 247/248, train_loss: 0.0826, step time: 1.0485  
Batch 248/248, train_loss: 0.9997, step time: 1.0264
```

Labels



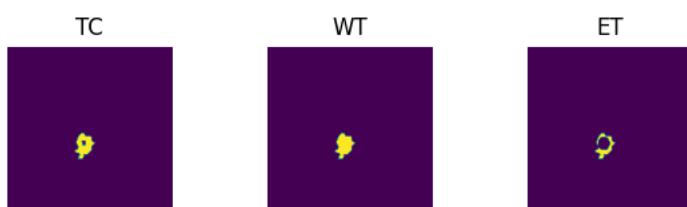
Predictions



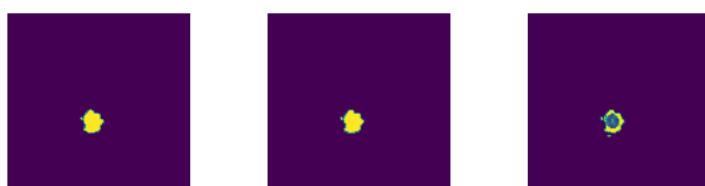
VAL

```
Batch 1/31, val_loss: 0.8173  
Batch 2/31, val_loss: 0.8755  
Batch 3/31, val_loss: 0.9696  
Batch 4/31, val_loss: 0.9428  
Batch 5/31, val_loss: 0.9840  
Batch 6/31, val_loss: 0.6771  
Batch 7/31, val_loss: 0.8141  
Batch 8/31, val_loss: 0.9717  
Batch 9/31, val_loss: 0.6850  
Batch 10/31, val_loss: 0.9120  
Batch 11/31, val_loss: 0.7885  
Batch 12/31, val_loss: 0.9661  
Batch 13/31, val_loss: 0.9325  
Batch 14/31, val_loss: 0.9418  
Batch 15/31, val_loss: 0.9834  
Batch 16/31, val_loss: 0.9414  
Batch 17/31, val_loss: 0.9673  
Batch 18/31, val_loss: 0.9312  
Batch 19/31, val_loss: 0.7479  
Batch 20/31, val_loss: 0.8397  
Batch 21/31, val_loss: 0.9460  
Batch 22/31, val_loss: 0.9799  
Batch 23/31, val_loss: 0.9582  
Batch 24/31, val_loss: 0.7299  
Batch 25/31, val_loss: 0.7780  
Batch 26/31, val_loss: 0.8929  
Batch 27/31, val_loss: 0.9821  
Batch 28/31, val_loss: 0.7395  
Batch 29/31, val_loss: 0.9821  
Batch 30/31, val_loss: 0.9609  
Batch 31/31, val_loss: 0.9615
```

Labels



Predictions



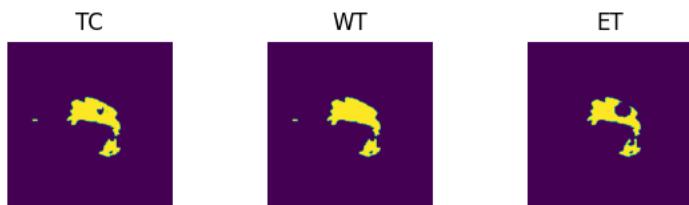
```
epoch 76
    average train loss: 0.2670
    average validation loss: 0.8903
    saved as best model: False
    current mean dice: 0.5051
    current TC dice: 0.5423
    current WT dice: 0.5419
    current ET dice: 0.4725
Best Mean Metric: 0.5343
time consuming of epoch 76 is: 1619.0565
-----
epoch 77/100
TRAIN
    Batch 1/248, train_loss: 0.0862, step time: 1.0428
    Batch 2/248, train_loss: 0.6133, step time: 1.0454
    Batch 3/248, train_loss: 0.3666, step time: 1.0491
    Batch 4/248, train_loss: 0.9531, step time: 1.0271
    Batch 5/248, train_loss: 0.1878, step time: 1.0492
    Batch 6/248, train_loss: 0.1903, step time: 1.0361
    Batch 7/248, train_loss: 0.0786, step time: 1.0293
    Batch 8/248, train_loss: 0.5222, step time: 1.0264
    Batch 9/248, train_loss: 0.0465, step time: 1.0411
    Batch 10/248, train_loss: 0.2593, step time: 1.0470
    Batch 11/248, train_loss: 0.1990, step time: 1.0323
    Batch 12/248, train_loss: 0.3560, step time: 1.0271
    Batch 13/248, train_loss: 0.2719, step time: 1.0393
    Batch 14/248, train_loss: 0.0621, step time: 1.0286
    Batch 15/248, train_loss: 0.3834, step time: 1.0311
    Batch 16/248, train_loss: 0.1671, step time: 1.0367
    Batch 17/248, train_loss: 0.2508, step time: 1.0508
    Batch 18/248, train_loss: 0.2953, step time: 1.0415
    Batch 19/248, train_loss: 0.0965, step time: 1.0482
    Batch 20/248, train_loss: 0.1035, step time: 1.0282
    Batch 21/248, train_loss: 0.0562, step time: 1.0298
    Batch 22/248, train_loss: 0.4089, step time: 1.0363
    Batch 23/248, train_loss: 0.3288, step time: 1.0222
    Batch 24/248, train_loss: 0.0930, step time: 1.0278
    Batch 25/248, train_loss: 0.0746, step time: 1.0325
    Batch 26/248, train_loss: 0.3969, step time: 1.0346
    Batch 27/248, train_loss: 0.0757, step time: 1.0421
    Batch 28/248, train_loss: 0.1686, step time: 1.0447
    Batch 29/248, train_loss: 0.3726, step time: 1.0425
    Batch 30/248, train_loss: 0.2132, step time: 1.0324
    Batch 31/248, train_loss: 0.2897, step time: 1.0515
    Batch 32/248, train_loss: 0.0905, step time: 1.0205
    Batch 33/248, train_loss: 0.0742, step time: 1.0415
    Batch 34/248, train_loss: 0.0506, step time: 1.0252
    Batch 35/248, train_loss: 0.0567, step time: 1.0477
    Batch 36/248, train_loss: 0.3774, step time: 1.0291
    Batch 37/248, train_loss: 0.1759, step time: 1.0338
    Batch 38/248, train_loss: 0.2940, step time: 1.0303
    Batch 39/248, train_loss: 0.1854, step time: 1.0426
    Batch 40/248, train_loss: 0.6155, step time: 1.0389
    Batch 41/248, train_loss: 0.1638, step time: 1.0346
    Batch 42/248, train_loss: 0.0888, step time: 1.0309
    Batch 43/248, train_loss: 0.0638, step time: 1.0502
    Batch 44/248, train_loss: 0.1423, step time: 1.0354
    Batch 45/248, train_loss: 0.4273, step time: 1.0214
    Batch 46/248, train_loss: 0.1552, step time: 1.0467
    Batch 47/248, train_loss: 0.0873, step time: 1.0408
    Batch 48/248, train_loss: 0.1884, step time: 1.0232
    Batch 49/248, train_loss: 0.4200, step time: 1.0325
    Batch 50/248, train_loss: 0.1664, step time: 1.0435
    Batch 51/248, train_loss: 0.1526, step time: 1.0344
    Batch 52/248, train_loss: 0.1486, step time: 1.0308
    Batch 53/248, train_loss: 0.4000, step time: 1.0402
    Batch 54/248, train_loss: 0.2877, step time: 1.0279
    Batch 55/248, train_loss: 0.2565, step time: 1.0285
    Batch 56/248, train_loss: 0.1870, step time: 1.0503
    Batch 57/248, train_loss: 0.2950, step time: 1.0467
    Batch 58/248, train_loss: 0.0830, step time: 1.0299
    Batch 59/248, train_loss: 0.0969, step time: 1.0465
    Batch 60/248, train_loss: 0.0717, step time: 1.0205
    Batch 61/248, train_loss: 0.0915, step time: 1.0204
    Batch 62/248, train_loss: 0.2534, step time: 1.0243
    Batch 63/248, train_loss: 0.4360, step time: 1.0374
    Batch 64/248, train_loss: 0.3827, step time: 1.0355
    Batch 65/248, train_loss: 0.2698, step time: 1.0454
    Batch 66/248, train_loss: 0.1307, step time: 1.0341
    Batch 67/248, train_loss: 0.0885, step time: 1.0338
    Batch 68/248, train_loss: 0.1115, step time: 1.0349
    Batch 69/248, train_loss: 0.3512, step time: 1.0334
    Batch 70/248, train_loss: 0.1768, step time: 1.0301
    Batch 71/248, train_loss: 0.1330, step time: 1.0239
    Batch 72/248, train_loss: 0.0629, step time: 1.0434
```

Batch 73/248, train_loss: 0.1803, step time: 1.0275
Batch 74/248, train_loss: 0.9865, step time: 1.0274
Batch 75/248, train_loss: 0.1458, step time: 1.0334
Batch 76/248, train_loss: 0.4595, step time: 1.0236
Batch 77/248, train_loss: 0.6810, step time: 1.0377
Batch 78/248, train_loss: 0.1363, step time: 1.0531
Batch 79/248, train_loss: 0.1394, step time: 1.0426
Batch 80/248, train_loss: 0.1950, step time: 1.0476
Batch 81/248, train_loss: 0.1933, step time: 1.0336
Batch 82/248, train_loss: 0.1137, step time: 1.0437
Batch 83/248, train_loss: 0.6163, step time: 1.0453
Batch 84/248, train_loss: 0.2269, step time: 1.0268
Batch 85/248, train_loss: 0.4367, step time: 1.0360
Batch 86/248, train_loss: 0.2697, step time: 1.0435
Batch 87/248, train_loss: 0.4970, step time: 1.0256
Batch 88/248, train_loss: 0.3255, step time: 1.0221
Batch 89/248, train_loss: 0.0787, step time: 1.0439
Batch 90/248, train_loss: 0.1911, step time: 1.0348
Batch 91/248, train_loss: 0.3334, step time: 1.0368
Batch 92/248, train_loss: 0.3226, step time: 1.0448
Batch 93/248, train_loss: 0.1621, step time: 1.0461
Batch 94/248, train_loss: 0.2821, step time: 1.0374
Batch 95/248, train_loss: 0.1743, step time: 1.0201
Batch 96/248, train_loss: 0.1787, step time: 1.0201
Batch 97/248, train_loss: 0.3787, step time: 1.0384
Batch 98/248, train_loss: 0.1085, step time: 1.0257
Batch 99/248, train_loss: 0.2938, step time: 1.0487
Batch 100/248, train_loss: 0.2859, step time: 1.0395
Batch 101/248, train_loss: 0.0575, step time: 1.0281
Batch 102/248, train_loss: 0.1101, step time: 1.0385
Batch 103/248, train_loss: 0.2996, step time: 1.0476
Batch 104/248, train_loss: 0.3121, step time: 1.0453
Batch 105/248, train_loss: 0.0876, step time: 1.0456
Batch 106/248, train_loss: 0.1337, step time: 1.0542
Batch 107/248, train_loss: 0.2282, step time: 1.0228
Batch 108/248, train_loss: 0.4639, step time: 1.0450
Batch 109/248, train_loss: 0.2676, step time: 1.0320
Batch 110/248, train_loss: 0.2801, step time: 1.0211
Batch 111/248, train_loss: 0.0964, step time: 1.0343
Batch 112/248, train_loss: 0.1366, step time: 1.0373
Batch 113/248, train_loss: 0.6491, step time: 1.0435
Batch 114/248, train_loss: 0.1494, step time: 1.0195
Batch 115/248, train_loss: 0.1497, step time: 1.0490
Batch 116/248, train_loss: 0.0775, step time: 1.0473
Batch 117/248, train_loss: 0.7427, step time: 1.0414
Batch 118/248, train_loss: 0.1407, step time: 1.0199
Batch 119/248, train_loss: 0.2501, step time: 1.0377
Batch 120/248, train_loss: 0.2342, step time: 1.0492
Batch 121/248, train_loss: 0.3404, step time: 1.0375
Batch 122/248, train_loss: 0.4330, step time: 1.0291
Batch 123/248, train_loss: 0.0663, step time: 1.0305
Batch 124/248, train_loss: 0.2671, step time: 1.0504
Batch 125/248, train_loss: 0.5067, step time: 1.0271
Batch 126/248, train_loss: 0.1959, step time: 1.0457
Batch 127/248, train_loss: 0.1346, step time: 1.0478
Batch 128/248, train_loss: 0.1468, step time: 1.0494
Batch 129/248, train_loss: 0.1112, step time: 1.0471
Batch 130/248, train_loss: 0.0942, step time: 1.0404
Batch 131/248, train_loss: 0.3735, step time: 1.0270
Batch 132/248, train_loss: 0.2017, step time: 1.0235
Batch 133/248, train_loss: 0.1374, step time: 1.0527
Batch 134/248, train_loss: 0.5567, step time: 1.0470
Batch 135/248, train_loss: 0.2517, step time: 1.0296
Batch 136/248, train_loss: 0.1214, step time: 1.0497
Batch 137/248, train_loss: 0.1112, step time: 1.0284
Batch 138/248, train_loss: 0.0713, step time: 1.0496
Batch 139/248, train_loss: 0.1644, step time: 1.0416
Batch 140/248, train_loss: 0.1676, step time: 1.0495
Batch 141/248, train_loss: 0.1697, step time: 1.0336
Batch 142/248, train_loss: 0.5244, step time: 1.0386
Batch 143/248, train_loss: 0.2426, step time: 1.0428
Batch 144/248, train_loss: 0.1447, step time: 1.0367
Batch 145/248, train_loss: 0.0624, step time: 1.0231
Batch 146/248, train_loss: 0.3349, step time: 1.0260
Batch 147/248, train_loss: 0.0560, step time: 1.0191
Batch 148/248, train_loss: 0.5349, step time: 1.0381
Batch 149/248, train_loss: 0.1534, step time: 1.0249
Batch 150/248, train_loss: 0.5394, step time: 1.0508
Batch 151/248, train_loss: 0.2959, step time: 1.0236
Batch 152/248, train_loss: 0.0469, step time: 1.0399
Batch 153/248, train_loss: 0.1797, step time: 1.0309
Batch 154/248, train_loss: 0.5031, step time: 1.0367
Batch 155/248, train_loss: 0.1239, step time: 1.0468
Batch 156/248, train_loss: 0.1649, step time: 1.0330
Batch 157/248, train_loss: 0.3279, step time: 1.0319

Batch 127/248, train_loss: 0.3277, step time: 1.0351
Batch 158/248, train_loss: 0.9976, step time: 1.0267
Batch 159/248, train_loss: 0.3609, step time: 1.0398
Batch 160/248, train_loss: 0.0979, step time: 1.0349
Batch 161/248, train_loss: 0.0629, step time: 1.0181
Batch 162/248, train_loss: 0.0750, step time: 1.0343
Batch 163/248, train_loss: 0.1287, step time: 1.0374
Batch 164/248, train_loss: 0.1496, step time: 1.0258
Batch 165/248, train_loss: 0.3950, step time: 1.0378
Batch 166/248, train_loss: 0.0881, step time: 1.0278
Batch 167/248, train_loss: 0.2028, step time: 1.0292
Batch 168/248, train_loss: 0.1697, step time: 1.0438
Batch 169/248, train_loss: 0.1393, step time: 1.0480
Batch 170/248, train_loss: 0.5079, step time: 1.0375
Batch 171/248, train_loss: 0.0909, step time: 1.0393
Batch 172/248, train_loss: 0.4449, step time: 1.0461
Batch 173/248, train_loss: 0.0790, step time: 1.0380
Batch 174/248, train_loss: 0.5274, step time: 1.0287
Batch 175/248, train_loss: 0.1260, step time: 1.0456
Batch 176/248, train_loss: 0.3832, step time: 1.0243
Batch 177/248, train_loss: 0.2575, step time: 1.0327
Batch 178/248, train_loss: 0.1746, step time: 1.0237
Batch 179/248, train_loss: 0.0921, step time: 1.0359
Batch 180/248, train_loss: 0.3515, step time: 1.0282
Batch 181/248, train_loss: 0.0996, step time: 1.0322
Batch 182/248, train_loss: 0.8653, step time: 1.0221
Batch 183/248, train_loss: 0.1172, step time: 1.0405
Batch 184/248, train_loss: 0.1799, step time: 1.0406
Batch 185/248, train_loss: 0.1076, step time: 1.0250
Batch 186/248, train_loss: 0.0857, step time: 1.0405
Batch 187/248, train_loss: 0.1752, step time: 1.0495
Batch 188/248, train_loss: 0.2083, step time: 1.0465
Batch 189/248, train_loss: 0.5143, step time: 1.0429
Batch 190/248, train_loss: 0.1451, step time: 1.0320
Batch 191/248, train_loss: 0.6155, step time: 1.0255
Batch 192/248, train_loss: 0.2219, step time: 1.0241
Batch 193/248, train_loss: 0.2572, step time: 1.0461
Batch 194/248, train_loss: 0.0904, step time: 1.0294
Batch 195/248, train_loss: 0.6198, step time: 1.0193
Batch 196/248, train_loss: 0.9988, step time: 1.0252
Batch 197/248, train_loss: 0.1902, step time: 1.0400
Batch 198/248, train_loss: 0.5543, step time: 1.0254
Batch 199/248, train_loss: 0.1368, step time: 1.0385
Batch 200/248, train_loss: 0.1651, step time: 1.0499
Batch 201/248, train_loss: 0.1252, step time: 1.0341
Batch 202/248, train_loss: 0.3988, step time: 1.0493
Batch 203/248, train_loss: 0.4179, step time: 1.0393
Batch 204/248, train_loss: 0.1254, step time: 1.0345
Batch 205/248, train_loss: 0.3109, step time: 1.0274
Batch 206/248, train_loss: 0.3499, step time: 1.0235
Batch 207/248, train_loss: 0.0838, step time: 1.0378
Batch 208/248, train_loss: 0.1358, step time: 1.0401
Batch 209/248, train_loss: 0.1298, step time: 1.0399
Batch 210/248, train_loss: 0.0722, step time: 1.0420
Batch 211/248, train_loss: 0.0886, step time: 1.0221
Batch 212/248, train_loss: 0.2220, step time: 1.0194
Batch 213/248, train_loss: 0.1771, step time: 1.0483
Batch 214/248, train_loss: 0.1002, step time: 1.0216
Batch 215/248, train_loss: 0.3194, step time: 1.0582
Batch 216/248, train_loss: 0.1802, step time: 1.0391
Batch 217/248, train_loss: 0.2742, step time: 1.0368
Batch 218/248, train_loss: 0.7249, step time: 1.0298
Batch 219/248, train_loss: 0.0978, step time: 1.0219
Batch 220/248, train_loss: 0.2433, step time: 1.0319
Batch 221/248, train_loss: 0.2807, step time: 1.0352
Batch 222/248, train_loss: 0.2357, step time: 1.0326
Batch 223/248, train_loss: 0.0571, step time: 1.0440
Batch 224/248, train_loss: 0.0952, step time: 1.0414
Batch 225/248, train_loss: 0.2039, step time: 1.0374
Batch 226/248, train_loss: 0.1257, step time: 1.0298
Batch 227/248, train_loss: 0.1206, step time: 1.0325
Batch 228/248, train_loss: 0.1620, step time: 1.0459
Batch 229/248, train_loss: 0.1075, step time: 1.0236
Batch 230/248, train_loss: 0.0784, step time: 1.0356
Batch 231/248, train_loss: 0.3021, step time: 1.0452
Batch 232/248, train_loss: 0.0794, step time: 1.0455
Batch 233/248, train_loss: 0.7937, step time: 1.0377
Batch 234/248, train_loss: 0.4264, step time: 1.0477
Batch 235/248, train_loss: 0.2815, step time: 1.0544
Batch 236/248, train_loss: 0.7730, step time: 1.0453
Batch 237/248, train_loss: 0.1517, step time: 1.0245
Batch 238/248, train_loss: 0.1072, step time: 1.0473
Batch 239/248, train_loss: 0.0609, step time: 1.0442
Batch 240/248, train_loss: 0.3399, step time: 1.0379
Batch 241/248, train_loss: 0.7029, step time: 1.0259

```
Batch 242/248, train_loss: 0.1800, step time: 1.0340  
Batch 243/248, train_loss: 0.3981, step time: 1.0312  
Batch 244/248, train_loss: 0.3881, step time: 1.0408  
Batch 245/248, train_loss: 0.0996, step time: 1.0298  
Batch 246/248, train_loss: 0.6085, step time: 1.0446  
Batch 247/248, train_loss: 0.0864, step time: 1.0387  
Batch 248/248, train_loss: 0.9997, step time: 1.0458
```

Labels



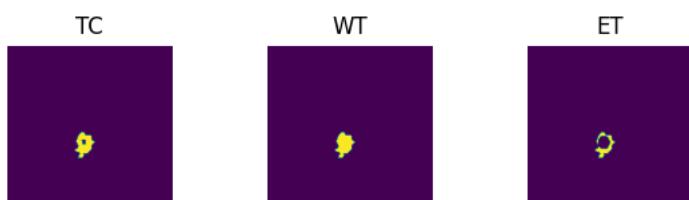
Predictions



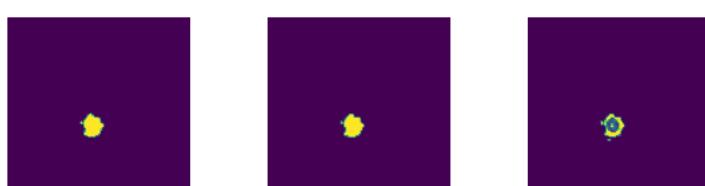
VAL

```
Batch 1/31, val_loss: 0.8145  
Batch 2/31, val_loss: 0.8616  
Batch 3/31, val_loss: 0.9675  
Batch 4/31, val_loss: 0.9429  
Batch 5/31, val_loss: 0.9824  
Batch 6/31, val_loss: 0.6738  
Batch 7/31, val_loss: 0.8194  
Batch 8/31, val_loss: 0.9642  
Batch 9/31, val_loss: 0.6841  
Batch 10/31, val_loss: 0.9132  
Batch 11/31, val_loss: 0.7813  
Batch 12/31, val_loss: 0.9630  
Batch 13/31, val_loss: 0.9256  
Batch 14/31, val_loss: 0.9370  
Batch 15/31, val_loss: 0.9836  
Batch 16/31, val_loss: 0.9350  
Batch 17/31, val_loss: 0.9648  
Batch 18/31, val_loss: 0.9284  
Batch 19/31, val_loss: 0.7427  
Batch 20/31, val_loss: 0.8437  
Batch 21/31, val_loss: 0.9459  
Batch 22/31, val_loss: 0.9758  
Batch 23/31, val_loss: 0.9563  
Batch 24/31, val_loss: 0.7253  
Batch 25/31, val_loss: 0.7725  
Batch 26/31, val_loss: 0.8850  
Batch 27/31, val_loss: 0.9804  
Batch 28/31, val_loss: 0.7393  
Batch 29/31, val_loss: 0.9803  
Batch 30/31, val_loss: 0.9609  
Batch 31/31, val_loss: 0.9605
```

Labels



Predictions



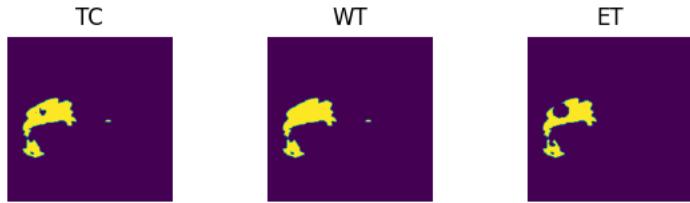
```
epoch 77
average train loss: 0.2558
average validation loss: 0.8874
saved as best model: False
current mean dice: 0.5263
current TC dice: 0.5661
current WT dice: 0.5652
current ET dice: 0.4829
Best Mean Metric: 0.5343
time consuming of epoch 77 is: 1622.0272
-----
epoch 78/100
TRAIN
Batch 1/248, train_loss: 0.0828, step time: 1.0571
Batch 2/248, train_loss: 0.8314, step time: 1.0397
Batch 3/248, train_loss: 0.3506, step time: 1.0449
Batch 4/248, train_loss: 0.9575, step time: 1.0221
Batch 5/248, train_loss: 0.1834, step time: 1.0405
Batch 6/248, train_loss: 0.2101, step time: 1.0520
Batch 7/248, train_loss: 0.0731, step time: 1.0416
Batch 8/248, train_loss: 0.4956, step time: 1.0340
Batch 9/248, train_loss: 0.0472, step time: 1.0395
Batch 10/248, train_loss: 0.2533, step time: 1.0399
Batch 11/248, train_loss: 0.2191, step time: 1.0402
Batch 12/248, train_loss: 0.3993, step time: 1.0339
Batch 13/248, train_loss: 0.3099, step time: 1.0453
Batch 14/248, train_loss: 0.0599, step time: 1.0373
Batch 15/248, train_loss: 0.3826, step time: 1.0520
Batch 16/248, train_loss: 0.1761, step time: 1.0503
Batch 17/248, train_loss: 0.2529, step time: 1.0215
Batch 18/248, train_loss: 0.3113, step time: 1.0506
Batch 19/248, train_loss: 0.1099, step time: 1.0435
Batch 20/248, train_loss: 0.1126, step time: 1.0193
Batch 21/248, train_loss: 0.0548, step time: 1.0480
Batch 22/248, train_loss: 0.4540, step time: 1.0390
Batch 23/248, train_loss: 0.2753, step time: 1.0330
Batch 24/248, train_loss: 0.1024, step time: 1.0350
Batch 25/248, train_loss: 0.0767, step time: 1.0247
Batch 26/248, train_loss: 0.3860, step time: 1.0301
Batch 27/248, train_loss: 0.0725, step time: 1.0236
Batch 28/248, train_loss: 0.1602, step time: 1.0334
Batch 29/248, train_loss: 0.3466, step time: 1.0322
Batch 30/248, train_loss: 0.2029, step time: 1.0230
Batch 31/248, train_loss: 0.3029, step time: 1.0415
Batch 32/248, train_loss: 0.1236, step time: 1.0396
Batch 33/248, train_loss: 0.0741, step time: 1.0314
Batch 34/248, train_loss: 0.0482, step time: 1.0421
Batch 35/248, train_loss: 0.0570, step time: 1.0464
Batch 36/248, train_loss: 0.3620, step time: 1.0273
Batch 37/248, train_loss: 0.1727, step time: 1.0304
Batch 38/248, train_loss: 0.2863, step time: 1.0451
Batch 39/248, train_loss: 0.1858, step time: 1.0281
Batch 40/248, train_loss: 0.5993, step time: 1.0328
Batch 41/248, train_loss: 0.1946, step time: 1.0444
Batch 42/248, train_loss: 0.0842, step time: 1.0216
Batch 43/248, train_loss: 0.0581, step time: 1.0260
Batch 44/248, train_loss: 0.1555, step time: 1.0226
Batch 45/248, train_loss: 0.4279, step time: 1.0359
Batch 46/248, train_loss: 0.1468, step time: 1.0331
Batch 47/248, train_loss: 0.0840, step time: 1.0203
Batch 48/248, train_loss: 0.1923, step time: 1.0473
Batch 49/248, train_loss: 0.4127, step time: 1.0445
Batch 50/248, train_loss: 0.1674, step time: 1.0371
Batch 51/248, train_loss: 0.1478, step time: 1.0458
Batch 52/248, train_loss: 0.1350, step time: 1.0525
Batch 53/248, train_loss: 0.3693, step time: 1.0237
Batch 54/248, train_loss: 0.2780, step time: 1.0238
Batch 55/248, train_loss: 0.2771, step time: 1.0435
Batch 56/248, train_loss: 0.2022, step time: 1.0346
Batch 57/248, train_loss: 0.2559, step time: 1.0195
Batch 58/248, train_loss: 0.0826, step time: 1.0409
Batch 59/248, train_loss: 0.1023, step time: 1.0329
Batch 60/248, train_loss: 0.0727, step time: 1.0396
Batch 61/248, train_loss: 0.0956, step time: 1.0219
Batch 62/248, train_loss: 0.2394, step time: 1.0424
Batch 63/248, train_loss: 0.4791, step time: 1.0381
Batch 64/248, train_loss: 0.3604, step time: 1.0291
Batch 65/248, train_loss: 0.2691, step time: 1.0379
Batch 66/248, train_loss: 0.1296, step time: 1.0265
Batch 67/248, train_loss: 0.0854, step time: 1.0298
Batch 68/248, train_loss: 0.1050, step time: 1.0507
Batch 69/248, train_loss: 0.3750, step time: 1.0370
Batch 70/248, train_loss: 0.1644, step time: 1.0269
Batch 71/248, train_loss: 0.1558, step time: 1.0456
Batch 72/248, train_loss: 0.0603, step time: 1.0216
```

Batch 1/248, train_loss: 0.0000, step time: 1.0000
Batch 73/248, train_loss: 0.0949, step time: 1.0056
Batch 74/248, train_loss: 0.9924, step time: 1.0176
Batch 75/248, train_loss: 0.1496, step time: 1.0475
Batch 76/248, train_loss: 0.5174, step time: 1.0464
Batch 77/248, train_loss: 0.7489, step time: 1.0406
Batch 78/248, train_loss: 0.1302, step time: 1.0522
Batch 79/248, train_loss: 0.1142, step time: 1.0322
Batch 80/248, train_loss: 0.1897, step time: 1.0285
Batch 81/248, train_loss: 0.2067, step time: 1.0448
Batch 82/248, train_loss: 0.1148, step time: 1.0386
Batch 83/248, train_loss: 0.6094, step time: 1.0352
Batch 84/248, train_loss: 0.2284, step time: 1.0240
Batch 85/248, train_loss: 0.4654, step time: 1.0382
Batch 86/248, train_loss: 0.2596, step time: 1.0334
Batch 87/248, train_loss: 0.5170, step time: 1.0429
Batch 88/248, train_loss: 0.3316, step time: 1.0348
Batch 89/248, train_loss: 0.0804, step time: 1.0332
Batch 90/248, train_loss: 0.1913, step time: 1.0277
Batch 91/248, train_loss: 0.3565, step time: 1.0256
Batch 92/248, train_loss: 0.2572, step time: 1.0277
Batch 93/248, train_loss: 0.1683, step time: 1.0387
Batch 94/248, train_loss: 0.2663, step time: 1.0415
Batch 95/248, train_loss: 0.1466, step time: 1.0469
Batch 96/248, train_loss: 0.1805, step time: 1.0189
Batch 97/248, train_loss: 0.3313, step time: 1.0417
Batch 98/248, train_loss: 0.1102, step time: 1.0501
Batch 99/248, train_loss: 0.2944, step time: 1.0358
Batch 100/248, train_loss: 0.2533, step time: 1.0299
Batch 101/248, train_loss: 0.0620, step time: 1.0547
Batch 102/248, train_loss: 0.1115, step time: 1.0307
Batch 103/248, train_loss: 0.2995, step time: 1.0456
Batch 104/248, train_loss: 0.3150, step time: 1.0446
Batch 105/248, train_loss: 0.0910, step time: 1.0327
Batch 106/248, train_loss: 0.1402, step time: 1.0307
Batch 107/248, train_loss: 0.2158, step time: 1.0361
Batch 108/248, train_loss: 0.4486, step time: 1.0321
Batch 109/248, train_loss: 0.3295, step time: 1.0347
Batch 110/248, train_loss: 0.2623, step time: 1.0223
Batch 111/248, train_loss: 0.1012, step time: 1.0465
Batch 112/248, train_loss: 0.1101, step time: 1.0383
Batch 113/248, train_loss: 0.7900, step time: 1.0294
Batch 114/248, train_loss: 0.1437, step time: 1.0252
Batch 115/248, train_loss: 0.1440, step time: 1.0453
Batch 116/248, train_loss: 0.0785, step time: 1.0244
Batch 117/248, train_loss: 0.7222, step time: 1.0464
Batch 118/248, train_loss: 0.2329, step time: 1.0347
Batch 119/248, train_loss: 0.2404, step time: 1.0274
Batch 120/248, train_loss: 0.2179, step time: 1.0350
Batch 121/248, train_loss: 0.3180, step time: 1.0466
Batch 122/248, train_loss: 0.3900, step time: 1.0257
Batch 123/248, train_loss: 0.0709, step time: 1.0463
Batch 124/248, train_loss: 0.2437, step time: 1.0473
Batch 125/248, train_loss: 0.4726, step time: 1.0327
Batch 126/248, train_loss: 0.1905, step time: 1.0317
Batch 127/248, train_loss: 0.1261, step time: 1.0247
Batch 128/248, train_loss: 0.2367, step time: 1.0299
Batch 129/248, train_loss: 0.1032, step time: 1.0241
Batch 130/248, train_loss: 0.0951, step time: 1.0297
Batch 131/248, train_loss: 0.4260, step time: 1.0445
Batch 132/248, train_loss: 0.2255, step time: 1.0263
Batch 133/248, train_loss: 0.1476, step time: 1.0540
Batch 134/248, train_loss: 0.5295, step time: 1.0362
Batch 135/248, train_loss: 0.2461, step time: 1.0509
Batch 136/248, train_loss: 0.1307, step time: 1.0346
Batch 137/248, train_loss: 0.1126, step time: 1.0235
Batch 138/248, train_loss: 0.0666, step time: 1.0456
Batch 139/248, train_loss: 0.1419, step time: 1.0231
Batch 140/248, train_loss: 0.1653, step time: 1.0328
Batch 141/248, train_loss: 0.1817, step time: 1.0288
Batch 142/248, train_loss: 0.5525, step time: 1.0474
Batch 143/248, train_loss: 0.2514, step time: 1.0246
Batch 144/248, train_loss: 0.1414, step time: 1.0378
Batch 145/248, train_loss: 0.0590, step time: 1.0399
Batch 146/248, train_loss: 0.3474, step time: 1.0473
Batch 147/248, train_loss: 0.0497, step time: 1.0393
Batch 148/248, train_loss: 0.4906, step time: 1.0459
Batch 149/248, train_loss: 0.1468, step time: 1.0328
Batch 150/248, train_loss: 0.5458, step time: 1.0394
Batch 151/248, train_loss: 0.2971, step time: 1.0304
Batch 152/248, train_loss: 0.0468, step time: 1.0241
Batch 153/248, train_loss: 0.2114, step time: 1.0316
Batch 154/248, train_loss: 0.5126, step time: 1.0367
Batch 155/248, train_loss: 0.1205, step time: 1.0392
Batch 156/248, train_loss: 0.1686, step time: 1.0435

Batch 157/248, train_loss: 0.3259, step time: 1.0337
Batch 158/248, train_loss: 0.9960, step time: 1.0325
Batch 159/248, train_loss: 0.3666, step time: 1.0625
Batch 160/248, train_loss: 0.1036, step time: 1.0223
Batch 161/248, train_loss: 0.0617, step time: 1.0355
Batch 162/248, train_loss: 0.0722, step time: 1.0265
Batch 163/248, train_loss: 0.1350, step time: 1.0357
Batch 164/248, train_loss: 0.1806, step time: 1.0394
Batch 165/248, train_loss: 0.4942, step time: 1.0414
Batch 166/248, train_loss: 0.0985, step time: 1.0365
Batch 167/248, train_loss: 0.2006, step time: 1.0352
Batch 168/248, train_loss: 0.1657, step time: 1.0315
Batch 169/248, train_loss: 0.1323, step time: 1.0287
Batch 170/248, train_loss: 0.4577, step time: 1.0404
Batch 171/248, train_loss: 0.0854, step time: 1.0428
Batch 172/248, train_loss: 0.4649, step time: 1.0242
Batch 173/248, train_loss: 0.0758, step time: 1.0183
Batch 174/248, train_loss: 0.7244, step time: 1.0275
Batch 175/248, train_loss: 0.1433, step time: 1.0363
Batch 176/248, train_loss: 0.3914, step time: 1.0233
Batch 177/248, train_loss: 0.2394, step time: 1.0239
Batch 178/248, train_loss: 0.1730, step time: 1.0320
Batch 179/248, train_loss: 0.0910, step time: 1.0437
Batch 180/248, train_loss: 0.3721, step time: 1.0272
Batch 181/248, train_loss: 0.1065, step time: 1.0422
Batch 182/248, train_loss: 0.8372, step time: 1.0333
Batch 183/248, train_loss: 0.1125, step time: 1.0189
Batch 184/248, train_loss: 0.1748, step time: 1.0352
Batch 185/248, train_loss: 0.1086, step time: 1.0386
Batch 186/248, train_loss: 0.0942, step time: 1.0330
Batch 187/248, train_loss: 0.1882, step time: 1.0245
Batch 188/248, train_loss: 0.2156, step time: 1.0545
Batch 189/248, train_loss: 0.5044, step time: 1.0459
Batch 190/248, train_loss: 0.1421, step time: 1.0271
Batch 191/248, train_loss: 0.6213, step time: 1.0234
Batch 192/248, train_loss: 0.1887, step time: 1.0498
Batch 193/248, train_loss: 0.2502, step time: 1.0397
Batch 194/248, train_loss: 0.0907, step time: 1.0351
Batch 195/248, train_loss: 0.6157, step time: 1.0434
Batch 196/248, train_loss: 1.0000, step time: 1.0367
Batch 197/248, train_loss: 0.1893, step time: 1.0241
Batch 198/248, train_loss: 0.6713, step time: 1.0532
Batch 199/248, train_loss: 0.1362, step time: 1.0352
Batch 200/248, train_loss: 0.1500, step time: 1.0443
Batch 201/248, train_loss: 0.1311, step time: 1.0426
Batch 202/248, train_loss: 0.4295, step time: 1.0287
Batch 203/248, train_loss: 0.4286, step time: 1.0347
Batch 204/248, train_loss: 0.1348, step time: 1.0202
Batch 205/248, train_loss: 0.3558, step time: 1.0324
Batch 206/248, train_loss: 0.6610, step time: 1.0329
Batch 207/248, train_loss: 0.0798, step time: 1.0331
Batch 208/248, train_loss: 0.1562, step time: 1.0495
Batch 209/248, train_loss: 0.1333, step time: 1.0297
Batch 210/248, train_loss: 0.0765, step time: 1.0411
Batch 211/248, train_loss: 0.0886, step time: 1.0342
Batch 212/248, train_loss: 0.2883, step time: 1.0412
Batch 213/248, train_loss: 0.1907, step time: 1.0419
Batch 214/248, train_loss: 0.0971, step time: 1.0326
Batch 215/248, train_loss: 0.2049, step time: 1.0281
Batch 216/248, train_loss: 0.1856, step time: 1.0522
Batch 217/248, train_loss: 0.3328, step time: 1.0300
Batch 218/248, train_loss: 0.7584, step time: 1.0416
Batch 219/248, train_loss: 0.0908, step time: 1.0330
Batch 220/248, train_loss: 0.2920, step time: 1.0383
Batch 221/248, train_loss: 0.3193, step time: 1.0376
Batch 222/248, train_loss: 0.2146, step time: 1.0326
Batch 223/248, train_loss: 0.0554, step time: 1.0276
Batch 224/248, train_loss: 0.0976, step time: 1.0426
Batch 225/248, train_loss: 0.2389, step time: 1.0230
Batch 226/248, train_loss: 0.3286, step time: 1.0316
Batch 227/248, train_loss: 0.1149, step time: 1.0322
Batch 228/248, train_loss: 0.1780, step time: 1.0350
Batch 229/248, train_loss: 0.1112, step time: 1.0455
Batch 230/248, train_loss: 0.0805, step time: 1.0538
Batch 231/248, train_loss: 0.5223, step time: 1.0570
Batch 232/248, train_loss: 0.1023, step time: 1.0367
Batch 233/248, train_loss: 0.9437, step time: 1.0498
Batch 234/248, train_loss: 0.4531, step time: 1.0492
Batch 235/248, train_loss: 0.3050, step time: 1.0341
Batch 236/248, train_loss: 0.7835, step time: 1.0211
Batch 237/248, train_loss: 0.1544, step time: 1.0233
Batch 238/248, train_loss: 0.1009, step time: 1.0259
Batch 239/248, train_loss: 0.0721, step time: 1.0473
Batch 240/248, train_loss: 0.3371, step time: 1.0365
Batch 241/248, train_loss: 0.7246, step time: 1.0332

```
Batch 242/248, train_loss: 0.1979, step time: 1.0489  
Batch 243/248, train_loss: 0.4538, step time: 1.0539  
Batch 244/248, train_loss: 0.4437, step time: 1.0411  
Batch 245/248, train_loss: 0.0874, step time: 1.0291  
Batch 246/248, train_loss: 0.5967, step time: 1.0475  
Batch 247/248, train_loss: 0.0898, step time: 1.0358  
Batch 248/248, train_loss: 1.0000, step time: 1.0302
```

Labels



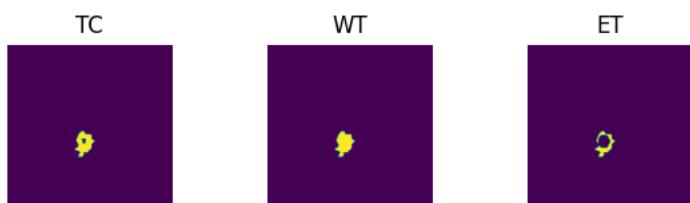
Predictions



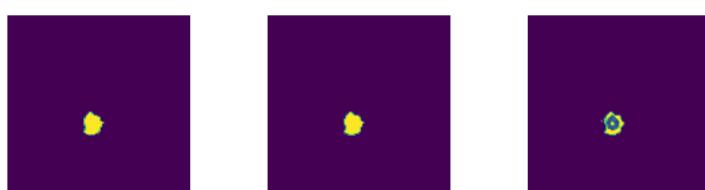
VAL

```
Batch 1/31, val_loss: 0.8261  
Batch 2/31, val_loss: 0.8611  
Batch 3/31, val_loss: 0.9685  
Batch 4/31, val_loss: 0.9426  
Batch 5/31, val_loss: 0.9836  
Batch 6/31, val_loss: 0.6728  
Batch 7/31, val_loss: 0.8191  
Batch 8/31, val_loss: 0.9526  
Batch 9/31, val_loss: 0.6862  
Batch 10/31, val_loss: 0.9551  
Batch 11/31, val_loss: 0.7851  
Batch 12/31, val_loss: 0.9658  
Batch 13/31, val_loss: 0.9263  
Batch 14/31, val_loss: 0.9334  
Batch 15/31, val_loss: 0.9851  
Batch 16/31, val_loss: 0.9345  
Batch 17/31, val_loss: 0.9675  
Batch 18/31, val_loss: 0.9277  
Batch 19/31, val_loss: 0.7410  
Batch 20/31, val_loss: 0.8428  
Batch 21/31, val_loss: 0.9416  
Batch 22/31, val_loss: 0.9778  
Batch 23/31, val_loss: 0.9614  
Batch 24/31, val_loss: 0.7260  
Batch 25/31, val_loss: 0.7692  
Batch 26/31, val_loss: 0.8887  
Batch 27/31, val_loss: 0.9820  
Batch 28/31, val_loss: 0.7436  
Batch 29/31, val_loss: 0.9801  
Batch 30/31, val_loss: 0.9550  
Batch 31/31, val_loss: 0.9618
```

Labels



Predictions



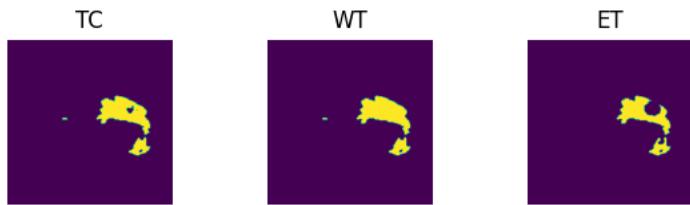
```
epoch 78
average train loss: 0.2646
average validation loss: 0.8892
saved as best model: False
current mean dice: 0.4945
current TC dice: 0.5231
current WT dice: 0.5247
current ET dice: 0.4744
Best Mean Metric: 0.5343
time consuming of epoch 78 is: 1623.7354
-----
epoch 79/100
TRAIN
Batch 1/248, train_loss: 0.0890, step time: 1.0313
Batch 2/248, train_loss: 0.6984, step time: 1.0527
Batch 3/248, train_loss: 0.3479, step time: 1.0336
Batch 4/248, train_loss: 0.9419, step time: 1.0419
Batch 5/248, train_loss: 0.2490, step time: 1.0410
Batch 6/248, train_loss: 0.2718, step time: 1.0351
Batch 7/248, train_loss: 0.0768, step time: 1.0250
Batch 8/248, train_loss: 0.5752, step time: 1.0375
Batch 9/248, train_loss: 0.0540, step time: 1.0242
Batch 10/248, train_loss: 0.2180, step time: 1.0454
Batch 11/248, train_loss: 0.2060, step time: 1.0467
Batch 12/248, train_loss: 0.3695, step time: 1.0389
Batch 13/248, train_loss: 0.2869, step time: 1.0353
Batch 14/248, train_loss: 0.0653, step time: 1.0488
Batch 15/248, train_loss: 0.3922, step time: 1.0356
Batch 16/248, train_loss: 0.1766, step time: 1.0307
Batch 17/248, train_loss: 0.2406, step time: 1.0322
Batch 18/248, train_loss: 0.4600, step time: 1.0498
Batch 19/248, train_loss: 0.1115, step time: 1.0209
Batch 20/248, train_loss: 0.1228, step time: 1.0267
Batch 21/248, train_loss: 0.0648, step time: 1.0434
Batch 22/248, train_loss: 0.8791, step time: 1.0362
Batch 23/248, train_loss: 0.7518, step time: 1.0292
Batch 24/248, train_loss: 0.0942, step time: 1.0275
Batch 25/248, train_loss: 0.0779, step time: 1.0401
Batch 26/248, train_loss: 0.3975, step time: 1.0490
Batch 27/248, train_loss: 0.0732, step time: 1.0370
Batch 28/248, train_loss: 0.1775, step time: 1.0491
Batch 29/248, train_loss: 0.3495, step time: 1.0469
Batch 30/248, train_loss: 0.6328, step time: 1.0318
Batch 31/248, train_loss: 0.3051, step time: 1.0424
Batch 32/248, train_loss: 0.1215, step time: 1.0440
Batch 33/248, train_loss: 0.0727, step time: 1.0276
Batch 34/248, train_loss: 0.0484, step time: 1.0283
Batch 35/248, train_loss: 0.0602, step time: 1.0450
Batch 36/248, train_loss: 0.4030, step time: 1.1686
Batch 37/248, train_loss: 0.2129, step time: 1.0402
Batch 38/248, train_loss: 0.2907, step time: 1.0551
Batch 39/248, train_loss: 0.1932, step time: 1.0407
Batch 40/248, train_loss: 0.5855, step time: 1.0211
Batch 41/248, train_loss: 0.2702, step time: 1.0310
Batch 42/248, train_loss: 0.0920, step time: 1.0526
Batch 43/248, train_loss: 0.0597, step time: 1.0263
Batch 44/248, train_loss: 0.1470, step time: 1.0394
Batch 45/248, train_loss: 0.5659, step time: 1.0306
Batch 46/248, train_loss: 0.1590, step time: 1.0284
Batch 47/248, train_loss: 0.1735, step time: 1.0270
Batch 48/248, train_loss: 0.2844, step time: 1.0251
Batch 49/248, train_loss: 0.6425, step time: 1.0379
Batch 50/248, train_loss: 0.2154, step time: 1.0286
Batch 51/248, train_loss: 0.1663, step time: 1.0435
Batch 52/248, train_loss: 0.1336, step time: 1.0509
Batch 53/248, train_loss: 0.4434, step time: 1.0278
Batch 54/248, train_loss: 0.2960, step time: 1.0355
Batch 55/248, train_loss: 0.3300, step time: 1.0498
Batch 56/248, train_loss: 0.2551, step time: 1.0421
Batch 57/248, train_loss: 0.3021, step time: 1.0351
Batch 58/248, train_loss: 0.0880, step time: 1.0272
Batch 59/248, train_loss: 0.0945, step time: 1.0503
Batch 60/248, train_loss: 0.0734, step time: 1.0372
Batch 61/248, train_loss: 0.0911, step time: 1.0303
Batch 62/248, train_loss: 0.2489, step time: 1.0309
Batch 63/248, train_loss: 0.4346, step time: 1.0470
Batch 64/248, train_loss: 0.3830, step time: 1.0394
Batch 65/248, train_loss: 0.2686, step time: 1.0228
Batch 66/248, train_loss: 0.1265, step time: 1.0214
Batch 67/248, train_loss: 0.0887, step time: 1.0243
Batch 68/248, train_loss: 0.1273, step time: 1.0491
Batch 69/248, train_loss: 0.4724, step time: 1.0264
Batch 70/248, train_loss: 0.1710, step time: 1.0426
Batch 71/248, train_loss: 0.1200, step time: 1.0339
```

Batch 72/248, train_loss: 0.0629, step time: 1.0374
Batch 73/248, train_loss: 0.1415, step time: 1.0204
Batch 74/248, train_loss: 0.9889, step time: 1.0258
Batch 75/248, train_loss: 0.1531, step time: 1.0448
Batch 76/248, train_loss: 0.4785, step time: 1.0547
Batch 77/248, train_loss: 0.7738, step time: 1.0336
Batch 78/248, train_loss: 0.1177, step time: 1.0270
Batch 79/248, train_loss: 0.1146, step time: 1.0611
Batch 80/248, train_loss: 0.1998, step time: 1.0484
Batch 81/248, train_loss: 0.1920, step time: 1.0417
Batch 82/248, train_loss: 0.1098, step time: 1.0465
Batch 83/248, train_loss: 0.6081, step time: 1.0362
Batch 84/248, train_loss: 0.2281, step time: 1.0247
Batch 85/248, train_loss: 0.3567, step time: 1.0457
Batch 86/248, train_loss: 0.2819, step time: 1.0221
Batch 87/248, train_loss: 0.5204, step time: 1.0414
Batch 88/248, train_loss: 0.3418, step time: 1.0425
Batch 89/248, train_loss: 0.0792, step time: 1.0384
Batch 90/248, train_loss: 0.1859, step time: 1.0478
Batch 91/248, train_loss: 0.3973, step time: 1.0404
Batch 92/248, train_loss: 0.2704, step time: 1.0278
Batch 93/248, train_loss: 0.1594, step time: 1.0437
Batch 94/248, train_loss: 0.2579, step time: 1.0490
Batch 95/248, train_loss: 0.1592, step time: 1.0426
Batch 96/248, train_loss: 0.1903, step time: 1.0303
Batch 97/248, train_loss: 0.3274, step time: 1.0421
Batch 98/248, train_loss: 0.1110, step time: 1.0474
Batch 99/248, train_loss: 0.2958, step time: 1.0490
Batch 100/248, train_loss: 0.3019, step time: 1.0244
Batch 101/248, train_loss: 0.0616, step time: 1.0326
Batch 102/248, train_loss: 0.1311, step time: 1.0236
Batch 103/248, train_loss: 0.3078, step time: 1.0426
Batch 104/248, train_loss: 0.3180, step time: 1.0448
Batch 105/248, train_loss: 0.0840, step time: 1.0475
Batch 106/248, train_loss: 0.1282, step time: 1.0274
Batch 107/248, train_loss: 0.2165, step time: 1.0374
Batch 108/248, train_loss: 0.5097, step time: 1.0255
Batch 109/248, train_loss: 0.3382, step time: 1.0386
Batch 110/248, train_loss: 0.2715, step time: 1.0259
Batch 111/248, train_loss: 0.0969, step time: 1.0494
Batch 112/248, train_loss: 0.1157, step time: 1.0483
Batch 113/248, train_loss: 0.5599, step time: 1.0393
Batch 114/248, train_loss: 0.1554, step time: 1.0409
Batch 115/248, train_loss: 0.1542, step time: 1.0434
Batch 116/248, train_loss: 0.0762, step time: 1.0322
Batch 117/248, train_loss: 0.7361, step time: 1.0403
Batch 118/248, train_loss: 0.2042, step time: 1.0293
Batch 119/248, train_loss: 0.2902, step time: 1.0206
Batch 120/248, train_loss: 0.2401, step time: 1.0502
Batch 121/248, train_loss: 0.3408, step time: 1.0402
Batch 122/248, train_loss: 0.6223, step time: 1.0443
Batch 123/248, train_loss: 0.0676, step time: 1.0469
Batch 124/248, train_loss: 0.2490, step time: 1.0551
Batch 125/248, train_loss: 0.5209, step time: 1.0597
Batch 126/248, train_loss: 0.2517, step time: 1.0285
Batch 127/248, train_loss: 0.1332, step time: 1.0277
Batch 128/248, train_loss: 0.4756, step time: 1.0318
Batch 129/248, train_loss: 0.0957, step time: 1.0186
Batch 130/248, train_loss: 0.0880, step time: 1.0274
Batch 131/248, train_loss: 0.3890, step time: 1.0283
Batch 132/248, train_loss: 0.1699, step time: 1.0326
Batch 133/248, train_loss: 0.1401, step time: 1.0379
Batch 134/248, train_loss: 0.4932, step time: 1.0559
Batch 135/248, train_loss: 0.3095, step time: 1.0338
Batch 136/248, train_loss: 0.1199, step time: 1.0429
Batch 137/248, train_loss: 0.1230, step time: 1.0378
Batch 138/248, train_loss: 0.0707, step time: 1.0262
Batch 139/248, train_loss: 0.1562, step time: 1.0413
Batch 140/248, train_loss: 0.1611, step time: 1.0327
Batch 141/248, train_loss: 0.1735, step time: 1.0192
Batch 142/248, train_loss: 0.5722, step time: 1.0446
Batch 143/248, train_loss: 0.2580, step time: 1.0176
Batch 144/248, train_loss: 0.1413, step time: 1.0327
Batch 145/248, train_loss: 0.0720, step time: 1.0199
Batch 146/248, train_loss: 0.4013, step time: 1.0337
Batch 147/248, train_loss: 0.0602, step time: 1.0524
Batch 148/248, train_loss: 0.4811, step time: 1.0411
Batch 149/248, train_loss: 0.1523, step time: 1.0285
Batch 150/248, train_loss: 0.5601, step time: 1.0350
Batch 151/248, train_loss: 0.2903, step time: 1.0500
Batch 152/248, train_loss: 0.0460, step time: 1.0386
Batch 153/248, train_loss: 0.1837, step time: 1.0506
Batch 154/248, train_loss: 0.5033, step time: 1.0512
Batch 155/248, train_loss: 0.1267, step time: 1.0413
Batch 156/248, train_loss: 0.1553, step time: 1.0238

Batch 157/248, train_loss: 0.3209, step time: 1.0336
Batch 158/248, train_loss: 0.9983, step time: 1.0408
Batch 159/248, train_loss: 0.3312, step time: 1.0248
Batch 160/248, train_loss: 0.1003, step time: 1.0460
Batch 161/248, train_loss: 0.0737, step time: 1.0329
Batch 162/248, train_loss: 0.0766, step time: 1.0368
Batch 163/248, train_loss: 0.1567, step time: 1.0340
Batch 164/248, train_loss: 0.1731, step time: 1.0378
Batch 165/248, train_loss: 0.4946, step time: 1.0555
Batch 166/248, train_loss: 0.1065, step time: 1.0408
Batch 167/248, train_loss: 0.2179, step time: 1.0267
Batch 168/248, train_loss: 0.1750, step time: 1.0458
Batch 169/248, train_loss: 0.1525, step time: 1.0284
Batch 170/248, train_loss: 0.5358, step time: 1.0297
Batch 171/248, train_loss: 0.0887, step time: 1.0363
Batch 172/248, train_loss: 0.4195, step time: 1.0470
Batch 173/248, train_loss: 0.0796, step time: 1.0357
Batch 174/248, train_loss: 0.8748, step time: 1.0395
Batch 175/248, train_loss: 0.1308, step time: 1.0390
Batch 176/248, train_loss: 0.3983, step time: 1.0199
Batch 177/248, train_loss: 0.2596, step time: 1.0360
Batch 178/248, train_loss: 0.1708, step time: 1.0417
Batch 179/248, train_loss: 0.0931, step time: 1.0402
Batch 180/248, train_loss: 0.3676, step time: 1.0236
Batch 181/248, train_loss: 0.1018, step time: 1.0538
Batch 182/248, train_loss: 0.8456, step time: 1.0510
Batch 183/248, train_loss: 0.1271, step time: 1.0209
Batch 184/248, train_loss: 0.1865, step time: 1.0251
Batch 185/248, train_loss: 0.1135, step time: 1.0271
Batch 186/248, train_loss: 0.0939, step time: 1.0399
Batch 187/248, train_loss: 0.1734, step time: 1.0327
Batch 188/248, train_loss: 0.2007, step time: 1.0560
Batch 189/248, train_loss: 0.4984, step time: 1.0265
Batch 190/248, train_loss: 0.1519, step time: 1.0548
Batch 191/248, train_loss: 0.6154, step time: 1.0263
Batch 192/248, train_loss: 0.1943, step time: 1.0201
Batch 193/248, train_loss: 0.2493, step time: 1.0468
Batch 194/248, train_loss: 0.0939, step time: 1.0321
Batch 195/248, train_loss: 0.6114, step time: 1.0211
Batch 196/248, train_loss: 0.9999, step time: 1.0337
Batch 197/248, train_loss: 0.1975, step time: 1.0416
Batch 198/248, train_loss: 0.5158, step time: 1.0354
Batch 199/248, train_loss: 0.1469, step time: 1.0362
Batch 200/248, train_loss: 0.1578, step time: 1.0293
Batch 201/248, train_loss: 0.1343, step time: 1.0205
Batch 202/248, train_loss: 0.3928, step time: 1.0512
Batch 203/248, train_loss: 0.5024, step time: 1.0388
Batch 204/248, train_loss: 0.1203, step time: 1.0555
Batch 205/248, train_loss: 0.3117, step time: 1.0433
Batch 206/248, train_loss: 0.3054, step time: 1.0391
Batch 207/248, train_loss: 0.0941, step time: 1.0249
Batch 208/248, train_loss: 0.1563, step time: 1.0289
Batch 209/248, train_loss: 0.1302, step time: 1.0259
Batch 210/248, train_loss: 0.0648, step time: 1.0295
Batch 211/248, train_loss: 0.0862, step time: 1.0284
Batch 212/248, train_loss: 0.2394, step time: 1.0294
Batch 213/248, train_loss: 0.1792, step time: 1.0499
Batch 214/248, train_loss: 0.0937, step time: 1.0417
Batch 215/248, train_loss: 0.2321, step time: 1.0276
Batch 216/248, train_loss: 0.1894, step time: 1.0312
Batch 217/248, train_loss: 0.2553, step time: 1.0237
Batch 218/248, train_loss: 0.7131, step time: 1.0295
Batch 219/248, train_loss: 0.0852, step time: 1.0448
Batch 220/248, train_loss: 0.2479, step time: 1.0402
Batch 221/248, train_loss: 0.2718, step time: 1.0305
Batch 222/248, train_loss: 0.2248, step time: 1.0486
Batch 223/248, train_loss: 0.0538, step time: 1.0248
Batch 224/248, train_loss: 0.0984, step time: 1.0443
Batch 225/248, train_loss: 0.2056, step time: 1.0273
Batch 226/248, train_loss: 0.1241, step time: 1.0197
Batch 227/248, train_loss: 0.1172, step time: 1.0261
Batch 228/248, train_loss: 0.1629, step time: 1.0202
Batch 229/248, train_loss: 0.1063, step time: 1.0323
Batch 230/248, train_loss: 0.0709, step time: 1.0398
Batch 231/248, train_loss: 0.3008, step time: 1.0425
Batch 232/248, train_loss: 0.0833, step time: 1.0248
Batch 233/248, train_loss: 0.8048, step time: 1.0403
Batch 234/248, train_loss: 0.4331, step time: 1.0520
Batch 235/248, train_loss: 0.2725, step time: 1.0533
Batch 236/248, train_loss: 0.7816, step time: 1.0394
Batch 237/248, train_loss: 0.1469, step time: 1.0414
Batch 238/248, train_loss: 0.1089, step time: 1.0331
Batch 239/248, train_loss: 0.0671, step time: 1.0298
Batch 240/248, train_loss: 0.3282, step time: 1.0282
Batch 241/248, train_loss: 0.7120, step time: 1.0355

```
Batch 212/248, train_loss: 0.1120, step time: 1.0555  
Batch 242/248, train_loss: 0.1846, step time: 1.0206  
Batch 243/248, train_loss: 0.3968, step time: 1.0233  
Batch 244/248, train_loss: 0.3557, step time: 1.0314  
Batch 245/248, train_loss: 0.0957, step time: 1.0452  
Batch 246/248, train_loss: 0.5576, step time: 1.0396  
Batch 247/248, train_loss: 0.0834, step time: 1.0279  
Batch 248/248, train_loss: 0.9998, step time: 1.0458
```

Labels



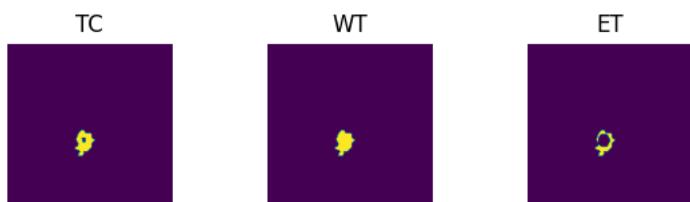
Predictions



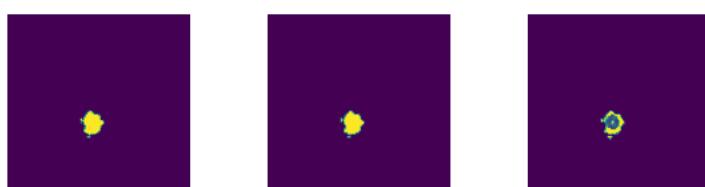
VAL

```
Batch 1/31, val_loss: 0.8207  
Batch 2/31, val_loss: 0.8584  
Batch 3/31, val_loss: 0.9652  
Batch 4/31, val_loss: 0.9423  
Batch 5/31, val_loss: 0.9841  
Batch 6/31, val_loss: 0.6749  
Batch 7/31, val_loss: 0.8206  
Batch 8/31, val_loss: 0.9655  
Batch 9/31, val_loss: 0.6825  
Batch 10/31, val_loss: 0.9389  
Batch 11/31, val_loss: 0.7832  
Batch 12/31, val_loss: 0.9615  
Batch 13/31, val_loss: 0.9276  
Batch 14/31, val_loss: 0.9333  
Batch 15/31, val_loss: 0.9840  
Batch 16/31, val_loss: 0.9362  
Batch 17/31, val_loss: 0.9677  
Batch 18/31, val_loss: 0.9303  
Batch 19/31, val_loss: 0.7450  
Batch 20/31, val_loss: 0.8501  
Batch 21/31, val_loss: 0.9436  
Batch 22/31, val_loss: 0.9758  
Batch 23/31, val_loss: 0.9554  
Batch 24/31, val_loss: 0.7283  
Batch 25/31, val_loss: 0.7722  
Batch 26/31, val_loss: 0.8862  
Batch 27/31, val_loss: 0.9767  
Batch 28/31, val_loss: 0.7367  
Batch 29/31, val_loss: 0.9803  
Batch 30/31, val_loss: 0.9581  
Batch 31/31, val_loss: 0.9612
```

Labels



Predictions



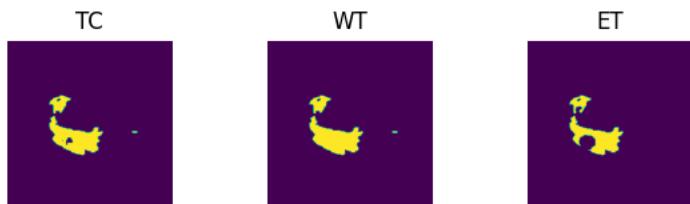
```
epoch 79
    average train loss: 0.2717
    average validation loss: 0.8886
    saved as best model: False
    current mean dice: 0.5260
    current TC dice: 0.5552
    current WT dice: 0.5542
    current ET dice: 0.5055
Best Mean Metric: 0.5343
time consuming of epoch 79 is: 1616.1443
-----
epoch 80/100
TRAIN
    Batch 1/248, train_loss: 0.0856, step time: 1.0489
    Batch 2/248, train_loss: 0.7341, step time: 1.0382
    Batch 3/248, train_loss: 0.3187, step time: 1.0301
    Batch 4/248, train_loss: 0.9973, step time: 1.0385
    Batch 5/248, train_loss: 0.2139, step time: 1.0277
    Batch 6/248, train_loss: 0.1822, step time: 1.0406
    Batch 7/248, train_loss: 0.0701, step time: 1.0289
    Batch 8/248, train_loss: 0.5430, step time: 1.0490
    Batch 9/248, train_loss: 0.0479, step time: 1.0232
    Batch 10/248, train_loss: 0.2256, step time: 1.0303
    Batch 11/248, train_loss: 0.2049, step time: 1.0349
    Batch 12/248, train_loss: 0.3141, step time: 1.0324
    Batch 13/248, train_loss: 0.2888, step time: 1.0498
    Batch 14/248, train_loss: 0.0581, step time: 1.0248
    Batch 15/248, train_loss: 0.3854, step time: 1.0449
    Batch 16/248, train_loss: 0.1603, step time: 1.0335
    Batch 17/248, train_loss: 0.2853, step time: 1.0331
    Batch 18/248, train_loss: 0.2806, step time: 1.0456
    Batch 19/248, train_loss: 0.1122, step time: 1.0464
    Batch 20/248, train_loss: 0.1010, step time: 1.0364
    Batch 21/248, train_loss: 0.0662, step time: 1.0456
    Batch 22/248, train_loss: 0.4307, step time: 1.0213
    Batch 23/248, train_loss: 0.3197, step time: 1.0417
    Batch 24/248, train_loss: 0.0983, step time: 1.0328
    Batch 25/248, train_loss: 0.0733, step time: 1.0472
    Batch 26/248, train_loss: 0.3786, step time: 1.0391
    Batch 27/248, train_loss: 0.0749, step time: 1.0398
    Batch 28/248, train_loss: 0.1791, step time: 1.0538
    Batch 29/248, train_loss: 0.3769, step time: 1.0287
    Batch 30/248, train_loss: 0.2126, step time: 1.0397
    Batch 31/248, train_loss: 0.2989, step time: 1.0353
    Batch 32/248, train_loss: 0.1066, step time: 1.0419
    Batch 33/248, train_loss: 0.0800, step time: 1.0274
    Batch 34/248, train_loss: 0.0507, step time: 1.0410
    Batch 35/248, train_loss: 0.0587, step time: 1.0291
    Batch 36/248, train_loss: 0.3491, step time: 1.0452
    Batch 37/248, train_loss: 0.1876, step time: 1.0417
    Batch 38/248, train_loss: 0.2762, step time: 1.0288
    Batch 39/248, train_loss: 0.1834, step time: 1.0235
    Batch 40/248, train_loss: 0.5757, step time: 1.0221
    Batch 41/248, train_loss: 0.2198, step time: 1.0542
    Batch 42/248, train_loss: 0.0774, step time: 1.0344
    Batch 43/248, train_loss: 0.0538, step time: 1.0217
    Batch 44/248, train_loss: 0.1379, step time: 1.0371
    Batch 45/248, train_loss: 0.4335, step time: 1.0375
    Batch 46/248, train_loss: 0.1449, step time: 1.0385
    Batch 47/248, train_loss: 0.0764, step time: 1.0421
    Batch 48/248, train_loss: 0.2080, step time: 1.0382
    Batch 49/248, train_loss: 0.3641, step time: 1.0390
    Batch 50/248, train_loss: 0.1654, step time: 1.0259
    Batch 51/248, train_loss: 0.1603, step time: 1.0383
    Batch 52/248, train_loss: 0.1328, step time: 1.0298
    Batch 53/248, train_loss: 0.4134, step time: 1.0326
    Batch 54/248, train_loss: 0.2804, step time: 1.0182
    Batch 55/248, train_loss: 0.2431, step time: 1.0433
    Batch 56/248, train_loss: 0.1872, step time: 1.0251
    Batch 57/248, train_loss: 0.2504, step time: 1.0306
    Batch 58/248, train_loss: 0.0785, step time: 1.0329
    Batch 59/248, train_loss: 0.0854, step time: 1.0400
    Batch 60/248, train_loss: 0.0669, step time: 1.0326
    Batch 61/248, train_loss: 0.0913, step time: 1.0477
    Batch 62/248, train_loss: 0.2323, step time: 1.0440
    Batch 63/248, train_loss: 0.4840, step time: 1.0480
    Batch 64/248, train_loss: 0.3675, step time: 1.0504
    Batch 65/248, train_loss: 0.2620, step time: 1.0394
    Batch 66/248, train_loss: 0.1245, step time: 1.0313
    Batch 67/248, train_loss: 0.0877, step time: 1.0218
    Batch 68/248, train_loss: 0.1179, step time: 1.0247
    Batch 69/248, train_loss: 0.3552, step time: 1.0271
    Batch 70/248, train_loss: 0.1633, step time: 1.0468
    Batch 71/248, train_loss: 0.1229, step time: 1.0297
```

Batch 72/248, train_loss: 0.0646, step time: 1.0377
Batch 73/248, train_loss: 0.0913, step time: 1.0384
Batch 74/248, train_loss: 0.9899, step time: 1.0391
Batch 75/248, train_loss: 0.1447, step time: 1.0430
Batch 76/248, train_loss: 0.4749, step time: 1.0431
Batch 77/248, train_loss: 0.6526, step time: 1.0275
Batch 78/248, train_loss: 0.1250, step time: 1.0247
Batch 79/248, train_loss: 0.1247, step time: 1.0550
Batch 80/248, train_loss: 0.1833, step time: 1.0274
Batch 81/248, train_loss: 0.1980, step time: 1.0368
Batch 82/248, train_loss: 0.1092, step time: 1.0265
Batch 83/248, train_loss: 0.6182, step time: 1.0262
Batch 84/248, train_loss: 0.2135, step time: 1.0395
Batch 85/248, train_loss: 0.3978, step time: 1.0513
Batch 86/248, train_loss: 0.2455, step time: 1.0359
Batch 87/248, train_loss: 0.5005, step time: 1.0269
Batch 88/248, train_loss: 0.3439, step time: 1.0195
Batch 89/248, train_loss: 0.0793, step time: 1.0473
Batch 90/248, train_loss: 0.1852, step time: 1.0223
Batch 91/248, train_loss: 0.3357, step time: 1.0335
Batch 92/248, train_loss: 0.2743, step time: 1.0324
Batch 93/248, train_loss: 0.1633, step time: 1.0276
Batch 94/248, train_loss: 0.2736, step time: 1.0391
Batch 95/248, train_loss: 0.1453, step time: 1.0422
Batch 96/248, train_loss: 0.1700, step time: 1.0260
Batch 97/248, train_loss: 0.3087, step time: 1.0486
Batch 98/248, train_loss: 0.1106, step time: 1.0358
Batch 99/248, train_loss: 0.3033, step time: 1.0424
Batch 100/248, train_loss: 0.2957, step time: 1.0373
Batch 101/248, train_loss: 0.0593, step time: 1.0341
Batch 102/248, train_loss: 0.1037, step time: 1.0434
Batch 103/248, train_loss: 0.3064, step time: 1.0383
Batch 104/248, train_loss: 0.3056, step time: 1.0200
Batch 105/248, train_loss: 0.0891, step time: 1.0254
Batch 106/248, train_loss: 0.1253, step time: 1.0432
Batch 107/248, train_loss: 0.2402, step time: 1.0458
Batch 108/248, train_loss: 0.4315, step time: 1.0256
Batch 109/248, train_loss: 0.3481, step time: 1.0267
Batch 110/248, train_loss: 0.2779, step time: 1.0279
Batch 111/248, train_loss: 0.0962, step time: 1.0366
Batch 112/248, train_loss: 0.1205, step time: 1.0489
Batch 113/248, train_loss: 0.9664, step time: 1.0284
Batch 114/248, train_loss: 0.1340, step time: 1.0408
Batch 115/248, train_loss: 0.1375, step time: 1.0293
Batch 116/248, train_loss: 0.0750, step time: 1.0351
Batch 117/248, train_loss: 0.7135, step time: 1.0235
Batch 118/248, train_loss: 0.1745, step time: 1.0242
Batch 119/248, train_loss: 0.2651, step time: 1.0293
Batch 120/248, train_loss: 0.2270, step time: 1.0487
Batch 121/248, train_loss: 0.3318, step time: 1.0334
Batch 122/248, train_loss: 0.3834, step time: 1.0442
Batch 123/248, train_loss: 0.0664, step time: 1.0495
Batch 124/248, train_loss: 0.2386, step time: 1.0366
Batch 125/248, train_loss: 0.4702, step time: 1.0241
Batch 126/248, train_loss: 0.1759, step time: 1.0475
Batch 127/248, train_loss: 0.1174, step time: 1.0521
Batch 128/248, train_loss: 0.1369, step time: 1.0478
Batch 129/248, train_loss: 0.1025, step time: 1.0295
Batch 130/248, train_loss: 0.0894, step time: 1.0369
Batch 131/248, train_loss: 0.3726, step time: 1.0336
Batch 132/248, train_loss: 0.2138, step time: 1.0272
Batch 133/248, train_loss: 0.1335, step time: 1.0465
Batch 134/248, train_loss: 0.5020, step time: 1.0259
Batch 135/248, train_loss: 0.2104, step time: 1.0310
Batch 136/248, train_loss: 0.1151, step time: 1.0265
Batch 137/248, train_loss: 0.1130, step time: 1.0280
Batch 138/248, train_loss: 0.0711, step time: 1.0342
Batch 139/248, train_loss: 0.1358, step time: 1.0313
Batch 140/248, train_loss: 0.1564, step time: 1.0486
Batch 141/248, train_loss: 0.1566, step time: 1.0433
Batch 142/248, train_loss: 0.5224, step time: 1.0502
Batch 143/248, train_loss: 0.2357, step time: 1.0302
Batch 144/248, train_loss: 0.1406, step time: 1.0345
Batch 145/248, train_loss: 0.0600, step time: 1.0250
Batch 146/248, train_loss: 0.3337, step time: 1.0390
Batch 147/248, train_loss: 0.0486, step time: 1.0376
Batch 148/248, train_loss: 0.5185, step time: 1.0518
Batch 149/248, train_loss: 0.1437, step time: 1.0302
Batch 150/248, train_loss: 0.5223, step time: 1.0441
Batch 151/248, train_loss: 0.2792, step time: 1.0411
Batch 152/248, train_loss: 0.0437, step time: 1.0327
Batch 153/248, train_loss: 0.1840, step time: 1.0377
Batch 154/248, train_loss: 0.5135, step time: 1.0449
Batch 155/248, train_loss: 0.1362, step time: 1.0514
Batch 156/248, train_loss: 0.1569, step time: 1.0195

```
Batch 150/248, train_loss: 0.1909, step time: 1.0477  
Batch 157/248, train_loss: 0.3062, step time: 1.0196  
Batch 158/248, train_loss: 0.9965, step time: 1.0173  
Batch 159/248, train_loss: 0.3434, step time: 1.0270  
Batch 160/248, train_loss: 0.0933, step time: 1.0490  
Batch 161/248, train_loss: 0.0616, step time: 1.0529  
Batch 162/248, train_loss: 0.0717, step time: 1.0233  
Batch 163/248, train_loss: 0.1316, step time: 1.0512  
Batch 164/248, train_loss: 0.1551, step time: 1.0312  
Batch 165/248, train_loss: 0.4035, step time: 1.0476  
Batch 166/248, train_loss: 0.0949, step time: 1.0516  
Batch 167/248, train_loss: 0.2011, step time: 1.0481  
Batch 168/248, train_loss: 0.1576, step time: 1.0399  
Batch 169/248, train_loss: 0.1427, step time: 1.0301  
Batch 170/248, train_loss: 0.4514, step time: 1.0404  
Batch 171/248, train_loss: 0.0933, step time: 1.0386  
Batch 172/248, train_loss: 0.4383, step time: 1.0549  
Batch 173/248, train_loss: 0.0711, step time: 1.0272  
Batch 174/248, train_loss: 0.7225, step time: 1.0230  
Batch 175/248, train_loss: 0.1200, step time: 1.0458  
Batch 176/248, train_loss: 0.3767, step time: 1.0280  
Batch 177/248, train_loss: 0.2814, step time: 1.0284  
Batch 178/248, train_loss: 0.1863, step time: 1.0269  
Batch 179/248, train_loss: 0.0856, step time: 1.0280  
Batch 180/248, train_loss: 0.3456, step time: 1.0255  
Batch 181/248, train_loss: 0.0953, step time: 1.0362  
Batch 182/248, train_loss: 0.8453, step time: 1.0205  
Batch 183/248, train_loss: 0.1270, step time: 1.0323  
Batch 184/248, train_loss: 0.1956, step time: 1.0352  
Batch 185/248, train_loss: 0.1130, step time: 1.0214  
Batch 186/248, train_loss: 0.0914, step time: 1.0340  
Batch 187/248, train_loss: 0.1846, step time: 1.0408  
Batch 188/248, train_loss: 0.2108, step time: 1.0386  
Batch 189/248, train_loss: 0.4358, step time: 1.0450  
Batch 190/248, train_loss: 0.1488, step time: 1.0506  
Batch 191/248, train_loss: 0.6127, step time: 1.0396  
Batch 192/248, train_loss: 0.1925, step time: 1.0254  
Batch 193/248, train_loss: 0.2562, step time: 1.0475  
Batch 194/248, train_loss: 0.0950, step time: 1.0238  
Batch 195/248, train_loss: 0.6138, step time: 1.0387  
Batch 196/248, train_loss: 1.0000, step time: 1.0342  
Batch 197/248, train_loss: 0.2080, step time: 1.0405  
Batch 198/248, train_loss: 0.5274, step time: 1.0458  
Batch 199/248, train_loss: 0.1352, step time: 1.0196  
Batch 200/248, train_loss: 0.1463, step time: 1.0439  
Batch 201/248, train_loss: 0.1290, step time: 1.0390  
Batch 202/248, train_loss: 0.3835, step time: 1.0440  
Batch 203/248, train_loss: 0.5448, step time: 1.0556  
Batch 204/248, train_loss: 0.1341, step time: 1.0363  
Batch 205/248, train_loss: 0.3062, step time: 1.0456  
Batch 206/248, train_loss: 0.2839, step time: 1.0335  
Batch 207/248, train_loss: 0.0966, step time: 1.0399  
Batch 208/248, train_loss: 0.1680, step time: 1.0476  
Batch 209/248, train_loss: 0.1251, step time: 1.0276  
Batch 210/248, train_loss: 0.0640, step time: 1.0472  
Batch 211/248, train_loss: 0.0863, step time: 1.0359  
Batch 212/248, train_loss: 0.1982, step time: 1.0340  
Batch 213/248, train_loss: 0.1728, step time: 1.0372  
Batch 214/248, train_loss: 0.1015, step time: 1.0188  
Batch 215/248, train_loss: 0.2044, step time: 1.0329  
Batch 216/248, train_loss: 0.2048, step time: 1.0376  
Batch 217/248, train_loss: 0.8377, step time: 1.0306  
Batch 218/248, train_loss: 0.7222, step time: 1.0292  
Batch 219/248, train_loss: 0.0807, step time: 1.0277  
Batch 220/248, train_loss: 0.2859, step time: 1.0339  
Batch 221/248, train_loss: 0.2638, step time: 1.0356  
Batch 222/248, train_loss: 0.2334, step time: 1.0376  
Batch 223/248, train_loss: 0.0580, step time: 1.0262  
Batch 224/248, train_loss: 0.0863, step time: 1.0316  
Batch 225/248, train_loss: 0.2159, step time: 1.0334  
Batch 226/248, train_loss: 0.1392, step time: 1.0453  
Batch 227/248, train_loss: 0.1141, step time: 1.0299  
Batch 228/248, train_loss: 0.1720, step time: 1.0518  
Batch 229/248, train_loss: 0.1007, step time: 1.0217  
Batch 230/248, train_loss: 0.0703, step time: 1.0324  
Batch 231/248, train_loss: 0.3866, step time: 1.0266  
Batch 232/248, train_loss: 0.0816, step time: 1.0382  
Batch 233/248, train_loss: 0.7640, step time: 1.0287  
Batch 234/248, train_loss: 0.4644, step time: 1.0296  
Batch 235/248, train_loss: 0.2932, step time: 1.0405  
Batch 236/248, train_loss: 0.7669, step time: 1.0245  
Batch 237/248, train_loss: 0.1520, step time: 1.0234  
Batch 238/248, train_loss: 0.1009, step time: 1.0290  
Batch 239/248, train_loss: 0.0646, step time: 1.0447  
Batch 240/248, train_loss: 0.3465, step time: 1.0235  
-----
```

```
Batch 241/248, train_loss: 0.6950, step time: 1.0374  
Batch 242/248, train_loss: 0.2087, step time: 1.0495  
Batch 243/248, train_loss: 0.3758, step time: 1.0504  
Batch 244/248, train_loss: 0.3589, step time: 1.0485  
Batch 245/248, train_loss: 0.0885, step time: 1.0256  
Batch 246/248, train_loss: 0.6104, step time: 1.0341  
Batch 247/248, train_loss: 0.0876, step time: 1.0509  
Batch 248/248, train_loss: 0.9997, step time: 1.0308
```

Labels



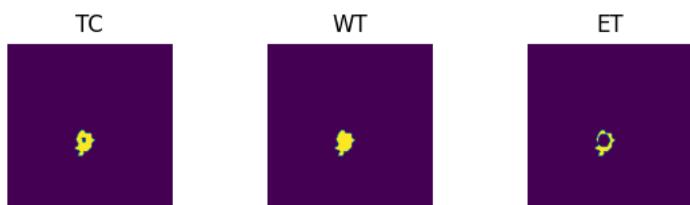
Predictions



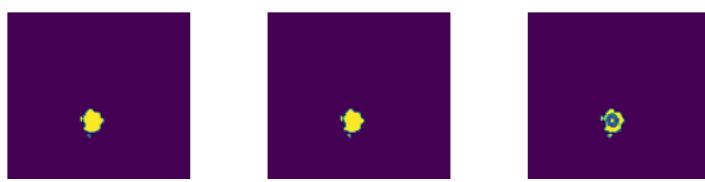
VAL

```
Batch 1/31, val_loss: 0.8223  
Batch 2/31, val_loss: 0.8564  
Batch 3/31, val_loss: 0.9659  
Batch 4/31, val_loss: 0.9427  
Batch 5/31, val_loss: 0.9837  
Batch 6/31, val_loss: 0.6725  
Batch 7/31, val_loss: 0.8147  
Batch 8/31, val_loss: 0.9625  
Batch 9/31, val_loss: 0.6822  
Batch 10/31, val_loss: 0.9428  
Batch 11/31, val_loss: 0.7819  
Batch 12/31, val_loss: 0.9610  
Batch 13/31, val_loss: 0.9267  
Batch 14/31, val_loss: 0.9311  
Batch 15/31, val_loss: 0.9788  
Batch 16/31, val_loss: 0.9360  
Batch 17/31, val_loss: 0.9678  
Batch 18/31, val_loss: 0.9286  
Batch 19/31, val_loss: 0.7416  
Batch 20/31, val_loss: 0.8479  
Batch 21/31, val_loss: 0.9421  
Batch 22/31, val_loss: 0.9779  
Batch 23/31, val_loss: 0.9556  
Batch 24/31, val_loss: 0.7261  
Batch 25/31, val_loss: 0.7694  
Batch 26/31, val_loss: 0.8854  
Batch 27/31, val_loss: 0.9724  
Batch 28/31, val_loss: 0.7354  
Batch 29/31, val_loss: 0.9799  
Batch 30/31, val_loss: 0.9591  
Batch 31/31, val_loss: 0.9617
```

Labels



Predictions



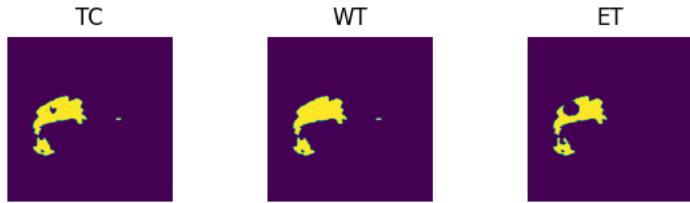
```
epoch 80
    average train loss: 0.2565
    average validation loss: 0.8875
    saved as best model: False
    current mean dice: 0.5327
    current TC dice: 0.5690
    current WT dice: 0.5683
    current ET dice: 0.4983
Best Mean Metric: 0.5343
time consuming of epoch 80 is: 1626.6812
-----
epoch 81/100
TRAIN
    Batch 1/248, train_loss: 0.0827, step time: 1.0381
    Batch 2/248, train_loss: 0.7193, step time: 1.0394
    Batch 3/248, train_loss: 0.3355, step time: 1.0287
    Batch 4/248, train_loss: 0.9377, step time: 1.0350
    Batch 5/248, train_loss: 0.1863, step time: 1.0401
    Batch 6/248, train_loss: 0.2230, step time: 1.0360
    Batch 7/248, train_loss: 0.0711, step time: 1.0334
    Batch 8/248, train_loss: 0.5694, step time: 1.0393
    Batch 9/248, train_loss: 0.0480, step time: 1.0520
    Batch 10/248, train_loss: 0.2430, step time: 1.0421
    Batch 11/248, train_loss: 0.1934, step time: 1.0275
    Batch 12/248, train_loss: 0.3371, step time: 1.0337
    Batch 13/248, train_loss: 0.2953, step time: 1.0471
    Batch 14/248, train_loss: 0.0606, step time: 1.0450
    Batch 15/248, train_loss: 0.3805, step time: 1.0509
    Batch 16/248, train_loss: 0.1704, step time: 1.0231
    Batch 17/248, train_loss: 0.2402, step time: 1.0421
    Batch 18/248, train_loss: 0.2944, step time: 1.0252
    Batch 19/248, train_loss: 0.1029, step time: 1.0470
    Batch 20/248, train_loss: 0.0955, step time: 1.0262
    Batch 21/248, train_loss: 0.0567, step time: 1.0301
    Batch 22/248, train_loss: 0.4244, step time: 1.0478
    Batch 23/248, train_loss: 0.2886, step time: 1.0370
    Batch 24/248, train_loss: 0.0938, step time: 1.0437
    Batch 25/248, train_loss: 0.0804, step time: 1.0344
    Batch 26/248, train_loss: 0.4432, step time: 1.0553
    Batch 27/248, train_loss: 0.0793, step time: 1.0324
    Batch 28/248, train_loss: 0.1723, step time: 1.0368
    Batch 29/248, train_loss: 0.3389, step time: 1.0430
    Batch 30/248, train_loss: 0.2222, step time: 1.0287
    Batch 31/248, train_loss: 0.2994, step time: 1.0421
    Batch 32/248, train_loss: 0.1064, step time: 1.0438
    Batch 33/248, train_loss: 0.0723, step time: 1.0425
    Batch 34/248, train_loss: 0.0517, step time: 1.0371
    Batch 35/248, train_loss: 0.0613, step time: 1.0278
    Batch 36/248, train_loss: 0.3358, step time: 1.0210
    Batch 37/248, train_loss: 0.1616, step time: 1.0450
    Batch 38/248, train_loss: 0.2735, step time: 1.0354
    Batch 39/248, train_loss: 0.1889, step time: 1.0279
    Batch 40/248, train_loss: 0.5549, step time: 1.0303
    Batch 41/248, train_loss: 0.1696, step time: 1.0456
    Batch 42/248, train_loss: 0.0894, step time: 1.0272
    Batch 43/248, train_loss: 0.0588, step time: 1.0429
    Batch 44/248, train_loss: 0.1371, step time: 1.0348
    Batch 45/248, train_loss: 0.4321, step time: 1.0483
    Batch 46/248, train_loss: 0.1868, step time: 1.0322
    Batch 47/248, train_loss: 0.0898, step time: 1.0403
    Batch 48/248, train_loss: 0.1981, step time: 1.0427
    Batch 49/248, train_loss: 0.4361, step time: 1.0258
    Batch 50/248, train_loss: 0.1682, step time: 1.0365
    Batch 51/248, train_loss: 0.1513, step time: 1.0273
    Batch 52/248, train_loss: 0.1409, step time: 1.0514
    Batch 53/248, train_loss: 0.3768, step time: 1.0317
    Batch 54/248, train_loss: 0.2755, step time: 1.0335
    Batch 55/248, train_loss: 0.2492, step time: 1.0329
    Batch 56/248, train_loss: 0.1971, step time: 1.0386
    Batch 57/248, train_loss: 0.2670, step time: 1.0272
    Batch 58/248, train_loss: 0.0816, step time: 1.0227
    Batch 59/248, train_loss: 0.0944, step time: 1.0458
    Batch 60/248, train_loss: 0.0688, step time: 1.0243
    Batch 61/248, train_loss: 0.0903, step time: 1.0199
    Batch 62/248, train_loss: 0.2392, step time: 1.0332
    Batch 63/248, train_loss: 0.4074, step time: 1.0390
    Batch 64/248, train_loss: 0.3685, step time: 1.0203
    Batch 65/248, train_loss: 0.2726, step time: 1.0324
    Batch 66/248, train_loss: 0.1284, step time: 1.0232
    Batch 67/248, train_loss: 0.0814, step time: 1.0242
    Batch 68/248, train_loss: 0.1170, step time: 1.0254
    Batch 69/248, train_loss: 0.3663, step time: 1.0505
    Batch 70/248, train_loss: 0.1632, step time: 1.0315
    total 71/248 train loss: 0.1207 step time: 1.0441
```

Batch 1/248, train_loss: 0.1297, step time: 1.0441
Batch 2/248, train_loss: 0.0642, step time: 1.0517
Batch 3/248, train_loss: 0.1013, step time: 1.0436
Batch 4/248, train_loss: 0.9889, step time: 1.0334
Batch 5/248, train_loss: 0.1425, step time: 1.0498
Batch 6/248, train_loss: 0.4539, step time: 1.0324
Batch 7/248, train_loss: 0.7586, step time: 1.0369
Batch 8/248, train_loss: 0.1270, step time: 1.0365
Batch 9/248, train_loss: 0.1252, step time: 1.0379
Batch 10/248, train_loss: 0.1886, step time: 1.0405
Batch 11/248, train_loss: 0.1927, step time: 1.0330
Batch 12/248, train_loss: 0.1102, step time: 1.0269
Batch 13/248, train_loss: 0.6195, step time: 1.0476
Batch 14/248, train_loss: 0.2148, step time: 1.0486
Batch 15/248, train_loss: 0.3794, step time: 1.0462
Batch 16/248, train_loss: 0.2400, step time: 1.0469
Batch 17/248, train_loss: 0.4964, step time: 1.0230
Batch 18/248, train_loss: 0.3298, step time: 1.0411
Batch 19/248, train_loss: 0.0744, step time: 1.0441
Batch 20/248, train_loss: 0.1886, step time: 1.0432
Batch 21/248, train_loss: 0.3324, step time: 1.0411
Batch 22/248, train_loss: 0.2349, step time: 1.0322
Batch 23/248, train_loss: 0.1655, step time: 1.0281
Batch 24/248, train_loss: 0.2673, step time: 1.0455
Batch 25/248, train_loss: 0.1665, step time: 1.0541
Batch 26/248, train_loss: 0.1678, step time: 1.0331
Batch 27/248, train_loss: 0.2780, step time: 1.0307
Batch 28/248, train_loss: 0.1128, step time: 1.0349
Batch 29/248, train_loss: 0.3028, step time: 1.0307
Batch 30/248, train_loss: 0.2482, step time: 1.0226
Batch 31/248, train_loss: 0.0618, step time: 1.0251
Batch 32/248, train_loss: 0.1057, step time: 1.0420
Batch 33/248, train_loss: 0.3093, step time: 1.0503
Batch 34/248, train_loss: 0.3183, step time: 1.0338
Batch 35/248, train_loss: 0.0837, step time: 1.0322
Batch 36/248, train_loss: 0.1494, step time: 1.0568
Batch 37/248, train_loss: 0.2141, step time: 1.0473
Batch 38/248, train_loss: 0.4507, step time: 1.0433
Batch 39/248, train_loss: 0.3413, step time: 1.0368
Batch 40/248, train_loss: 0.2633, step time: 1.0371
Batch 41/248, train_loss: 0.0929, step time: 1.0276
Batch 42/248, train_loss: 0.1263, step time: 1.0443
Batch 43/248, train_loss: 0.6015, step time: 1.0429
Batch 44/248, train_loss: 0.1314, step time: 1.0464
Batch 45/248, train_loss: 0.1393, step time: 1.0400
Batch 46/248, train_loss: 0.0810, step time: 1.0407
Batch 47/248, train_loss: 0.7537, step time: 1.0496
Batch 48/248, train_loss: 0.1725, step time: 1.0396
Batch 49/248, train_loss: 0.2710, step time: 1.0483
Batch 50/248, train_loss: 0.2191, step time: 1.0300
Batch 51/248, train_loss: 0.3336, step time: 1.0534
Batch 52/248, train_loss: 0.4461, step time: 1.0427
Batch 53/248, train_loss: 0.0689, step time: 1.0374
Batch 54/248, train_loss: 0.2404, step time: 1.0368
Batch 55/248, train_loss: 0.4895, step time: 1.0275
Batch 56/248, train_loss: 0.1838, step time: 1.0433
Batch 57/248, train_loss: 0.1289, step time: 1.0270
Batch 58/248, train_loss: 0.1430, step time: 1.0230
Batch 59/248, train_loss: 0.1040, step time: 1.0410
Batch 60/248, train_loss: 0.0868, step time: 1.0284
Batch 61/248, train_loss: 0.7309, step time: 1.0416
Batch 62/248, train_loss: 0.2442, step time: 1.0431
Batch 63/248, train_loss: 0.1462, step time: 1.0373
Batch 64/248, train_loss: 0.5035, step time: 1.0285
Batch 65/248, train_loss: 0.2371, step time: 1.0429
Batch 66/248, train_loss: 0.1135, step time: 1.0403
Batch 67/248, train_loss: 0.1166, step time: 1.0415
Batch 68/248, train_loss: 0.0699, step time: 1.0407
Batch 69/248, train_loss: 0.1392, step time: 1.0440
Batch 70/248, train_loss: 0.1492, step time: 1.0404
Batch 71/248, train_loss: 0.1657, step time: 1.0287
Batch 72/248, train_loss: 0.5028, step time: 1.0473
Batch 73/248, train_loss: 0.2563, step time: 1.0262
Batch 74/248, train_loss: 0.1396, step time: 1.0439
Batch 75/248, train_loss: 0.0559, step time: 1.0449
Batch 76/248, train_loss: 0.3247, step time: 1.0361
Batch 77/248, train_loss: 0.0546, step time: 1.0526
Batch 78/248, train_loss: 0.4754, step time: 1.0473
Batch 79/248, train_loss: 0.1383, step time: 1.0325
Batch 80/248, train_loss: 0.5474, step time: 1.0237
Batch 81/248, train_loss: 0.2790, step time: 1.0392
Batch 82/248, train_loss: 0.0458, step time: 1.0269
Batch 83/248, train_loss: 0.1650, step time: 1.0229
Batch 84/248, train_loss: 0.5247, step time: 1.0337
Batch 85/248, train_loss: 0.1095, step time: 1.0466

Batch 156/248, train_loss: 0.1687, step time: 1.0491
Batch 157/248, train_loss: 0.3126, step time: 1.0431
Batch 158/248, train_loss: 0.9956, step time: 1.0331
Batch 159/248, train_loss: 0.3068, step time: 1.0381
Batch 160/248, train_loss: 0.0957, step time: 1.0210
Batch 161/248, train_loss: 0.0692, step time: 1.0309
Batch 162/248, train_loss: 0.0753, step time: 1.0226
Batch 163/248, train_loss: 0.1448, step time: 1.0418
Batch 164/248, train_loss: 0.1668, step time: 1.0454
Batch 165/248, train_loss: 0.3758, step time: 1.0282
Batch 166/248, train_loss: 0.0885, step time: 1.0333
Batch 167/248, train_loss: 0.1984, step time: 1.0434
Batch 168/248, train_loss: 0.1606, step time: 1.0408
Batch 169/248, train_loss: 0.1400, step time: 1.0252
Batch 170/248, train_loss: 0.4548, step time: 1.0413
Batch 171/248, train_loss: 0.0988, step time: 1.0387
Batch 172/248, train_loss: 0.4229, step time: 1.0296
Batch 173/248, train_loss: 0.0702, step time: 1.0372
Batch 174/248, train_loss: 0.7212, step time: 1.0294
Batch 175/248, train_loss: 0.1177, step time: 1.0309
Batch 176/248, train_loss: 0.3958, step time: 1.0379
Batch 177/248, train_loss: 0.2893, step time: 1.0374
Batch 178/248, train_loss: 0.1925, step time: 1.0373
Batch 179/248, train_loss: 0.0899, step time: 1.0346
Batch 180/248, train_loss: 0.3647, step time: 1.0420
Batch 181/248, train_loss: 0.0995, step time: 1.0360
Batch 182/248, train_loss: 0.7908, step time: 1.0580
Batch 183/248, train_loss: 0.1087, step time: 1.0281
Batch 184/248, train_loss: 0.1915, step time: 1.0401
Batch 185/248, train_loss: 0.1048, step time: 1.0275
Batch 186/248, train_loss: 0.0849, step time: 1.0423
Batch 187/248, train_loss: 0.1653, step time: 1.0368
Batch 188/248, train_loss: 0.2183, step time: 1.0429
Batch 189/248, train_loss: 0.4321, step time: 1.0201
Batch 190/248, train_loss: 0.1501, step time: 1.0276
Batch 191/248, train_loss: 0.6136, step time: 1.0307
Batch 192/248, train_loss: 0.2108, step time: 1.0200
Batch 193/248, train_loss: 0.2564, step time: 1.0290
Batch 194/248, train_loss: 0.0947, step time: 1.0356
Batch 195/248, train_loss: 0.6397, step time: 1.0292
Batch 196/248, train_loss: 0.9999, step time: 1.0386
Batch 197/248, train_loss: 0.1895, step time: 1.0228
Batch 198/248, train_loss: 0.5550, step time: 1.0343
Batch 199/248, train_loss: 0.1440, step time: 1.0431
Batch 200/248, train_loss: 0.1506, step time: 1.0393
Batch 201/248, train_loss: 0.1281, step time: 1.0402
Batch 202/248, train_loss: 0.4164, step time: 1.0311
Batch 203/248, train_loss: 0.3830, step time: 1.0240
Batch 204/248, train_loss: 0.1871, step time: 1.0262
Batch 205/248, train_loss: 0.3067, step time: 1.0238
Batch 206/248, train_loss: 0.2349, step time: 1.0318
Batch 207/248, train_loss: 0.0869, step time: 1.0473
Batch 208/248, train_loss: 0.1392, step time: 1.0368
Batch 209/248, train_loss: 0.1278, step time: 1.0507
Batch 210/248, train_loss: 0.0638, step time: 1.0322
Batch 211/248, train_loss: 0.0810, step time: 1.0430
Batch 212/248, train_loss: 0.2695, step time: 1.0421
Batch 213/248, train_loss: 0.1740, step time: 1.0448
Batch 214/248, train_loss: 0.0901, step time: 1.0278
Batch 215/248, train_loss: 0.2818, step time: 1.0367
Batch 216/248, train_loss: 0.1597, step time: 1.0235
Batch 217/248, train_loss: 0.2497, step time: 1.0518
Batch 218/248, train_loss: 0.7389, step time: 1.0279
Batch 219/248, train_loss: 0.0899, step time: 1.0368
Batch 220/248, train_loss: 0.2371, step time: 1.0339
Batch 221/248, train_loss: 0.2950, step time: 1.0391
Batch 222/248, train_loss: 0.2196, step time: 1.0452
Batch 223/248, train_loss: 0.0534, step time: 1.0380
Batch 224/248, train_loss: 0.0908, step time: 1.0386
Batch 225/248, train_loss: 0.2274, step time: 1.0550
Batch 226/248, train_loss: 0.1287, step time: 1.0242
Batch 227/248, train_loss: 0.1121, step time: 1.0274
Batch 228/248, train_loss: 0.1622, step time: 1.0382
Batch 229/248, train_loss: 0.0997, step time: 1.0209
Batch 230/248, train_loss: 0.0695, step time: 1.0396
Batch 231/248, train_loss: 0.3335, step time: 1.0246
Batch 232/248, train_loss: 0.0745, step time: 1.0386
Batch 233/248, train_loss: 0.7925, step time: 1.0357
Batch 234/248, train_loss: 0.4423, step time: 1.0313
Batch 235/248, train_loss: 0.3469, step time: 1.0307
Batch 236/248, train_loss: 0.7766, step time: 1.0311
Batch 237/248, train_loss: 0.1499, step time: 1.0344
Batch 238/248, train_loss: 0.1176, step time: 1.0287
Batch 239/248, train_loss: 0.0583, step time: 1.0228
Batch 240/248, train_loss: 0.2898, step time: 1.0543

```
Batch 241/248, train_loss: 0.6927, step time: 1.0273  
Batch 242/248, train_loss: 0.1777, step time: 1.0400  
Batch 243/248, train_loss: 0.3803, step time: 1.0259  
Batch 244/248, train_loss: 0.3851, step time: 1.0258  
Batch 245/248, train_loss: 0.0891, step time: 1.0393  
Batch 246/248, train_loss: 0.5714, step time: 1.0248  
Batch 247/248, train_loss: 0.0801, step time: 1.0461  
Batch 248/248, train_loss: 0.9996, step time: 1.0375
```

Labels



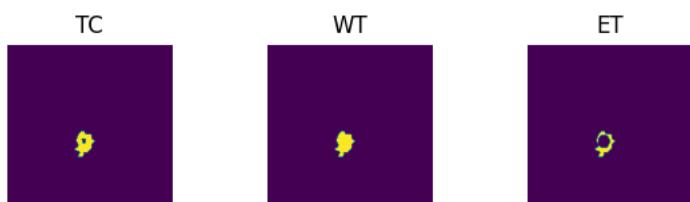
Predictions



VAL

```
Batch 1/31, val_loss: 0.8153  
Batch 2/31, val_loss: 0.8600  
Batch 3/31, val_loss: 0.9638  
Batch 4/31, val_loss: 0.9413  
Batch 5/31, val_loss: 0.9835  
Batch 6/31, val_loss: 0.6729  
Batch 7/31, val_loss: 0.8219  
Batch 8/31, val_loss: 0.9582  
Batch 9/31, val_loss: 0.6825  
Batch 10/31, val_loss: 0.9201  
Batch 11/31, val_loss: 0.7811  
Batch 12/31, val_loss: 0.9590  
Batch 13/31, val_loss: 0.9259  
Batch 14/31, val_loss: 0.9306  
Batch 15/31, val_loss: 0.9827  
Batch 16/31, val_loss: 0.9345  
Batch 17/31, val_loss: 0.9636  
Batch 18/31, val_loss: 0.9260  
Batch 19/31, val_loss: 0.7426  
Batch 20/31, val_loss: 0.8519  
Batch 21/31, val_loss: 0.9452  
Batch 22/31, val_loss: 0.9782  
Batch 23/31, val_loss: 0.9581  
Batch 24/31, val_loss: 0.7292  
Batch 25/31, val_loss: 0.7717  
Batch 26/31, val_loss: 0.8843  
Batch 27/31, val_loss: 0.9734  
Batch 28/31, val_loss: 0.7353  
Batch 29/31, val_loss: 0.9799  
Batch 30/31, val_loss: 0.9546  
Batch 31/31, val_loss: 0.9594
```

Labels



Predictions



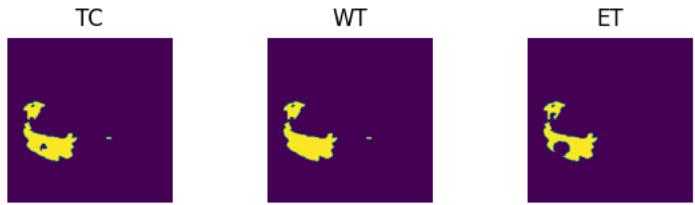
```
epoch 81
    average train loss: 0.2537
    average validation loss: 0.8867
    saved as best model: False
    current mean dice: 0.5301
    current TC dice: 0.5626
    current WT dice: 0.5644
    current ET dice: 0.5082
Best Mean Metric: 0.5343
time consuming of epoch 81 is: 1649.9164
-----
epoch 82/100
TRAIN
    Batch 1/248, train_loss: 0.0830, step time: 1.0400
    Batch 2/248, train_loss: 0.6631, step time: 1.0418
    Batch 3/248, train_loss: 0.2940, step time: 1.0434
    Batch 4/248, train_loss: 0.9423, step time: 1.0260
    Batch 5/248, train_loss: 0.1895, step time: 1.0262
    Batch 6/248, train_loss: 0.2030, step time: 1.0278
    Batch 7/248, train_loss: 0.0741, step time: 1.0387
    Batch 8/248, train_loss: 0.5738, step time: 1.0233
    Batch 9/248, train_loss: 0.0450, step time: 1.0210
    Batch 10/248, train_loss: 0.2286, step time: 1.0441
    Batch 11/248, train_loss: 0.1908, step time: 1.0240
    Batch 12/248, train_loss: 0.3180, step time: 1.0350
    Batch 13/248, train_loss: 0.2850, step time: 1.0370
    Batch 14/248, train_loss: 0.0907, step time: 1.0483
    Batch 15/248, train_loss: 0.3654, step time: 1.0402
    Batch 16/248, train_loss: 0.1614, step time: 1.0430
    Batch 17/248, train_loss: 0.2451, step time: 1.0507
    Batch 18/248, train_loss: 0.2823, step time: 1.0346
    Batch 19/248, train_loss: 0.1260, step time: 1.0531
    Batch 20/248, train_loss: 0.0971, step time: 1.0283
    Batch 21/248, train_loss: 0.0585, step time: 1.0443
    Batch 22/248, train_loss: 0.4111, step time: 1.0364
    Batch 23/248, train_loss: 0.2657, step time: 1.0494
    Batch 24/248, train_loss: 0.0922, step time: 1.0271
    Batch 25/248, train_loss: 0.0827, step time: 1.0260
    Batch 26/248, train_loss: 0.3669, step time: 1.0336
    Batch 27/248, train_loss: 0.1455, step time: 1.0375
    Batch 28/248, train_loss: 0.1755, step time: 1.0343
    Batch 29/248, train_loss: 0.3418, step time: 1.0426
    Batch 30/248, train_loss: 0.4978, step time: 1.0508
    Batch 31/248, train_loss: 0.3032, step time: 1.0342
    Batch 32/248, train_loss: 0.0947, step time: 1.0541
    Batch 33/248, train_loss: 0.0693, step time: 1.0248
    Batch 34/248, train_loss: 0.0498, step time: 1.0525
    Batch 35/248, train_loss: 0.0571, step time: 1.0284
    Batch 36/248, train_loss: 0.3711, step time: 1.0479
    Batch 37/248, train_loss: 0.2064, step time: 1.0226
    Batch 38/248, train_loss: 0.2851, step time: 1.0350
    Batch 39/248, train_loss: 0.1471, step time: 1.0444
    Batch 40/248, train_loss: 0.6224, step time: 1.0226
    Batch 41/248, train_loss: 0.1746, step time: 1.0281
    Batch 42/248, train_loss: 0.0776, step time: 1.0418
    Batch 43/248, train_loss: 0.0556, step time: 1.0479
    Batch 44/248, train_loss: 0.1372, step time: 1.0300
    Batch 45/248, train_loss: 0.5012, step time: 1.0420
    Batch 46/248, train_loss: 0.1569, step time: 1.0261
    Batch 47/248, train_loss: 0.0788, step time: 1.0336
    Batch 48/248, train_loss: 0.1636, step time: 1.0290
    Batch 49/248, train_loss: 0.4553, step time: 1.0428
    Batch 50/248, train_loss: 0.1620, step time: 1.0287
    Batch 51/248, train_loss: 0.1449, step time: 1.0354
    Batch 52/248, train_loss: 0.1272, step time: 1.0369
    Batch 53/248, train_loss: 0.3826, step time: 1.0462
    Batch 54/248, train_loss: 0.2804, step time: 1.0411
    Batch 55/248, train_loss: 0.2575, step time: 1.0285
    Batch 56/248, train_loss: 0.1839, step time: 1.0367
    Batch 57/248, train_loss: 0.2874, step time: 1.0416
    Batch 58/248, train_loss: 0.0819, step time: 1.0226
    Batch 59/248, train_loss: 0.0872, step time: 1.0285
    Batch 60/248, train_loss: 0.0679, step time: 1.0535
    Batch 61/248, train_loss: 0.0952, step time: 1.0312
    Batch 62/248, train_loss: 0.2385, step time: 1.0521
    Batch 63/248, train_loss: 0.4227, step time: 1.0510
    Batch 64/248, train_loss: 0.3732, step time: 1.0333
    Batch 65/248, train_loss: 0.2574, step time: 1.0390
    Batch 66/248, train_loss: 0.1284, step time: 1.0321
    Batch 67/248, train_loss: 0.0843, step time: 1.0333
    Batch 68/248, train_loss: 0.1198, step time: 1.0524
    Batch 69/248, train_loss: 0.3559, step time: 1.0306
    Batch 70/248, train_loss: 0.1677, step time: 1.0383
```

Batch 71/248, train_loss: 0.1294, step time: 1.0306
Batch 72/248, train_loss: 0.0610, step time: 1.0401
Batch 73/248, train_loss: 0.3757, step time: 1.0213
Batch 74/248, train_loss: 0.9889, step time: 1.0429
Batch 75/248, train_loss: 0.1414, step time: 1.0349
Batch 76/248, train_loss: 0.4694, step time: 1.0360
Batch 77/248, train_loss: 0.6893, step time: 1.0403
Batch 78/248, train_loss: 0.1355, step time: 1.0372
Batch 79/248, train_loss: 0.1120, step time: 1.0289
Batch 80/248, train_loss: 0.1954, step time: 1.0245
Batch 81/248, train_loss: 0.1799, step time: 1.0417
Batch 82/248, train_loss: 0.1092, step time: 1.0517
Batch 83/248, train_loss: 0.5949, step time: 1.0471
Batch 84/248, train_loss: 0.2106, step time: 1.0451
Batch 85/248, train_loss: 0.3679, step time: 1.0359
Batch 86/248, train_loss: 0.4958, step time: 1.0215
Batch 87/248, train_loss: 0.5036, step time: 1.0307
Batch 88/248, train_loss: 0.3397, step time: 1.0404
Batch 89/248, train_loss: 0.0753, step time: 1.0249
Batch 90/248, train_loss: 0.1822, step time: 1.0330
Batch 91/248, train_loss: 0.3434, step time: 1.0487
Batch 92/248, train_loss: 0.2642, step time: 1.0422
Batch 93/248, train_loss: 0.1652, step time: 1.0233
Batch 94/248, train_loss: 0.3593, step time: 1.0260
Batch 95/248, train_loss: 0.1482, step time: 1.0514
Batch 96/248, train_loss: 0.1685, step time: 1.0249
Batch 97/248, train_loss: 0.2735, step time: 1.0440
Batch 98/248, train_loss: 0.1139, step time: 1.0374
Batch 99/248, train_loss: 0.2940, step time: 1.0507
Batch 100/248, train_loss: 0.2861, step time: 1.0489
Batch 101/248, train_loss: 0.0596, step time: 1.0204
Batch 102/248, train_loss: 0.1030, step time: 1.0292
Batch 103/248, train_loss: 0.9370, step time: 1.0493
Batch 104/248, train_loss: 0.3135, step time: 1.0476
Batch 105/248, train_loss: 0.0812, step time: 1.0286
Batch 106/248, train_loss: 0.1327, step time: 1.0322
Batch 107/248, train_loss: 0.8745, step time: 1.0460
Batch 108/248, train_loss: 0.5871, step time: 1.0361
Batch 109/248, train_loss: 0.2618, step time: 1.0483
Batch 110/248, train_loss: 0.2755, step time: 1.0275
Batch 111/248, train_loss: 0.0942, step time: 1.0317
Batch 112/248, train_loss: 0.1210, step time: 1.0381
Batch 113/248, train_loss: 0.6084, step time: 1.0372
Batch 114/248, train_loss: 0.1424, step time: 1.0248
Batch 115/248, train_loss: 0.1345, step time: 1.0417
Batch 116/248, train_loss: 0.0760, step time: 1.0252
Batch 117/248, train_loss: 0.5758, step time: 1.0346
Batch 118/248, train_loss: 0.1723, step time: 1.0480
Batch 119/248, train_loss: 0.2294, step time: 1.0355
Batch 120/248, train_loss: 0.2130, step time: 1.0381
Batch 121/248, train_loss: 0.3435, step time: 1.0426
Batch 122/248, train_loss: 0.3731, step time: 1.0212
Batch 123/248, train_loss: 0.0706, step time: 1.0257
Batch 124/248, train_loss: 0.2601, step time: 1.0319
Batch 125/248, train_loss: 0.4741, step time: 1.0530
Batch 126/248, train_loss: 0.4511, step time: 1.0415
Batch 127/248, train_loss: 0.1242, step time: 1.0385
Batch 128/248, train_loss: 0.6641, step time: 1.0237
Batch 129/248, train_loss: 0.0914, step time: 1.0483
Batch 130/248, train_loss: 0.0962, step time: 1.0514
Batch 131/248, train_loss: 0.4155, step time: 1.0306
Batch 132/248, train_loss: 0.1867, step time: 1.0414
Batch 133/248, train_loss: 0.1267, step time: 1.0213
Batch 134/248, train_loss: 0.5850, step time: 1.0243
Batch 135/248, train_loss: 0.2199, step time: 1.0414
Batch 136/248, train_loss: 0.1251, step time: 1.0300
Batch 137/248, train_loss: 0.1066, step time: 1.0387
Batch 138/248, train_loss: 0.0777, step time: 1.0445
Batch 139/248, train_loss: 0.2170, step time: 1.0389
Batch 140/248, train_loss: 0.1608, step time: 1.0535
Batch 141/248, train_loss: 0.1620, step time: 1.0338
Batch 142/248, train_loss: 0.5461, step time: 1.0405
Batch 143/248, train_loss: 0.2309, step time: 1.0392
Batch 144/248, train_loss: 0.1474, step time: 1.0293
Batch 145/248, train_loss: 0.0570, step time: 1.0184
Batch 146/248, train_loss: 0.3073, step time: 1.0484
Batch 147/248, train_loss: 0.0506, step time: 1.0335
Batch 148/248, train_loss: 0.9180, step time: 1.0471
Batch 149/248, train_loss: 0.1505, step time: 1.0308
Batch 150/248, train_loss: 0.5406, step time: 1.0476
Batch 151/248, train_loss: 0.2913, step time: 1.0383
Batch 152/248, train_loss: 0.0471, step time: 1.0286
Batch 153/248, train_loss: 0.1874, step time: 1.0484
Batch 154/248, train_loss: 0.4854, step time: 1.0231
Batch 155/248, train_loss: 0.1017, step time: 1.0330

Batch 156/248, train_loss: 0.1688, step time: 1.0306
Batch 157/248, train_loss: 0.3132, step time: 1.0396
Batch 158/248, train_loss: 0.9983, step time: 1.0217
Batch 159/248, train_loss: 0.3664, step time: 1.0377
Batch 160/248, train_loss: 0.0928, step time: 1.0382
Batch 161/248, train_loss: 0.0724, step time: 1.0439
Batch 162/248, train_loss: 0.0683, step time: 1.0322
Batch 163/248, train_loss: 0.1462, step time: 1.0366
Batch 164/248, train_loss: 0.1586, step time: 1.0471
Batch 165/248, train_loss: 0.9573, step time: 1.0351
Batch 166/248, train_loss: 0.1032, step time: 1.0326
Batch 167/248, train_loss: 0.2035, step time: 1.0328
Batch 168/248, train_loss: 0.1601, step time: 1.0351
Batch 169/248, train_loss: 0.1382, step time: 1.0299
Batch 170/248, train_loss: 0.5260, step time: 1.0287
Batch 171/248, train_loss: 0.0853, step time: 1.0261
Batch 172/248, train_loss: 0.4100, step time: 1.0285
Batch 173/248, train_loss: 0.0855, step time: 1.0173
Batch 174/248, train_loss: 0.7186, step time: 1.0427
Batch 175/248, train_loss: 0.1294, step time: 1.0424
Batch 176/248, train_loss: 0.3824, step time: 1.0389
Batch 177/248, train_loss: 0.2595, step time: 1.0420
Batch 178/248, train_loss: 0.1753, step time: 1.0417
Batch 179/248, train_loss: 0.0944, step time: 1.0423
Batch 180/248, train_loss: 0.3707, step time: 1.0377
Batch 181/248, train_loss: 0.1051, step time: 1.0474
Batch 182/248, train_loss: 0.8841, step time: 1.0293
Batch 183/248, train_loss: 0.1086, step time: 1.0478
Batch 184/248, train_loss: 0.1868, step time: 1.0413
Batch 185/248, train_loss: 0.0999, step time: 1.0529
Batch 186/248, train_loss: 0.0873, step time: 1.0409
Batch 187/248, train_loss: 0.1682, step time: 1.0227
Batch 188/248, train_loss: 0.2292, step time: 1.0348
Batch 189/248, train_loss: 0.5625, step time: 1.0275
Batch 190/248, train_loss: 0.1347, step time: 1.0405
Batch 191/248, train_loss: 0.6230, step time: 1.0319
Batch 192/248, train_loss: 0.2045, step time: 1.0442
Batch 193/248, train_loss: 0.2781, step time: 1.0312
Batch 194/248, train_loss: 0.0947, step time: 1.0352
Batch 195/248, train_loss: 0.6157, step time: 1.0439
Batch 196/248, train_loss: 1.0000, step time: 1.0269
Batch 197/248, train_loss: 0.1892, step time: 1.0438
Batch 198/248, train_loss: 0.9820, step time: 1.0292
Batch 199/248, train_loss: 0.1662, step time: 1.0319
Batch 200/248, train_loss: 0.1931, step time: 1.0252
Batch 201/248, train_loss: 0.1301, step time: 1.0312
Batch 202/248, train_loss: 0.4065, step time: 1.0325
Batch 203/248, train_loss: 0.4592, step time: 1.0305
Batch 204/248, train_loss: 0.1029, step time: 1.0215
Batch 205/248, train_loss: 0.3103, step time: 1.0332
Batch 206/248, train_loss: 0.2443, step time: 1.0239
Batch 207/248, train_loss: 0.0783, step time: 1.0407
Batch 208/248, train_loss: 0.1844, step time: 1.0372
Batch 209/248, train_loss: 0.1333, step time: 1.0375
Batch 210/248, train_loss: 0.0722, step time: 1.3867
Batch 211/248, train_loss: 0.0858, step time: 1.0290
Batch 212/248, train_loss: 0.2327, step time: 1.0218
Batch 213/248, train_loss: 0.1692, step time: 1.0406
Batch 214/248, train_loss: 0.0997, step time: 1.0455
Batch 215/248, train_loss: 0.2836, step time: 1.0426
Batch 216/248, train_loss: 0.2226, step time: 1.0320
Batch 217/248, train_loss: 0.2917, step time: 1.0426
Batch 218/248, train_loss: 0.7161, step time: 1.0306
Batch 219/248, train_loss: 0.0997, step time: 1.0458
Batch 220/248, train_loss: 0.2718, step time: 1.0449
Batch 221/248, train_loss: 0.2829, step time: 1.0358
Batch 222/248, train_loss: 0.2564, step time: 1.0440
Batch 223/248, train_loss: 0.0533, step time: 1.0520
Batch 224/248, train_loss: 0.1020, step time: 1.0428
Batch 225/248, train_loss: 0.2082, step time: 1.0250
Batch 226/248, train_loss: 0.1402, step time: 1.0228
Batch 227/248, train_loss: 0.1210, step time: 1.0210
Batch 228/248, train_loss: 0.1515, step time: 1.0375
Batch 229/248, train_loss: 0.1112, step time: 1.0335
Batch 230/248, train_loss: 0.0725, step time: 1.0482
Batch 231/248, train_loss: 0.3162, step time: 1.0351
Batch 232/248, train_loss: 0.0783, step time: 1.0296
Batch 233/248, train_loss: 0.7521, step time: 1.0448
Batch 234/248, train_loss: 0.4658, step time: 1.0404
Batch 235/248, train_loss: 0.2632, step time: 1.0267
Batch 236/248, train_loss: 0.7681, step time: 1.0423
Batch 237/248, train_loss: 0.1507, step time: 1.0338
Batch 238/248, train_loss: 0.1043, step time: 1.0498
Batch 239/248, train_loss: 0.0624, step time: 1.0324
Batch 240/248, train_loss: 0.3012, step time: 1.0520

```
Batch 240/248, train_loss: 0.5012, step time: 1.0555  
Batch 241/248, train_loss: 0.7588, step time: 1.0302  
Batch 242/248, train_loss: 0.1763, step time: 1.0292  
Batch 243/248, train_loss: 0.3398, step time: 1.0314  
Batch 244/248, train_loss: 0.4217, step time: 1.0266  
Batch 245/248, train_loss: 0.0904, step time: 1.0252  
Batch 246/248, train_loss: 0.5573, step time: 1.0432  
Batch 247/248, train_loss: 0.0845, step time: 1.0432  
Batch 248/248, train_loss: 0.9998, step time: 1.0214
```

Labels



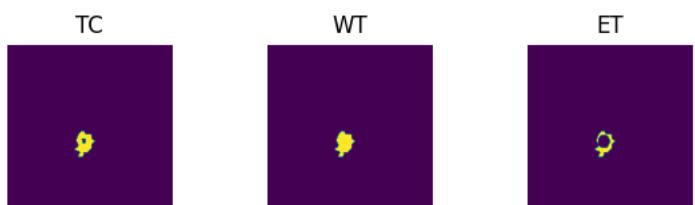
Predictions



VAL

```
Batch 1/31, val_loss: 0.8303  
Batch 2/31, val_loss: 0.8515  
Batch 3/31, val_loss: 0.9653  
Batch 4/31, val_loss: 0.9403  
Batch 5/31, val_loss: 0.9836  
Batch 6/31, val_loss: 0.6749  
Batch 7/31, val_loss: 0.8183  
Batch 8/31, val_loss: 0.9644  
Batch 9/31, val_loss: 0.6822  
Batch 10/31, val_loss: 0.9318  
Batch 11/31, val_loss: 0.7813  
Batch 12/31, val_loss: 0.9641  
Batch 13/31, val_loss: 0.9412  
Batch 14/31, val_loss: 0.9519  
Batch 15/31, val_loss: 0.9783  
Batch 16/31, val_loss: 0.9370  
Batch 17/31, val_loss: 0.9641  
Batch 18/31, val_loss: 0.9274  
Batch 19/31, val_loss: 0.7383  
Batch 20/31, val_loss: 0.8556  
Batch 21/31, val_loss: 0.8972  
Batch 22/31, val_loss: 0.9755  
Batch 23/31, val_loss: 0.9595  
Batch 24/31, val_loss: 0.7293  
Batch 25/31, val_loss: 0.7701  
Batch 26/31, val_loss: 0.8843  
Batch 27/31, val_loss: 0.9737  
Batch 28/31, val_loss: 0.7368  
Batch 29/31, val_loss: 0.9804  
Batch 30/31, val_loss: 0.9538  
Batch 31/31, val_loss: 0.9611
```

Labels



Predictions



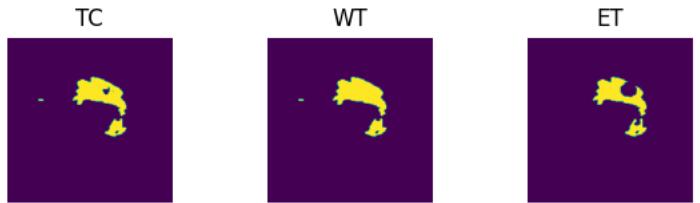
```
epoch 82
    average train loss: 0.2712
    average validation loss: 0.8872
    saved as best model: False
    current mean dice: 0.4962
    current TC dice: 0.5278
    current WT dice: 0.5320
    current ET dice: 0.4708
Best Mean Metric: 0.5343
time consuming of epoch 82 is: 1636.0274
-----
epoch 83/100
TRAIN
    Batch 1/248, train_loss: 0.0854, step time: 1.0475
    Batch 2/248, train_loss: 0.6541, step time: 1.0331
    Batch 3/248, train_loss: 0.3653, step time: 1.0281
    Batch 4/248, train_loss: 0.9236, step time: 1.0297
    Batch 5/248, train_loss: 0.1796, step time: 1.0363
    Batch 6/248, train_loss: 0.4951, step time: 1.0409
    Batch 7/248, train_loss: 0.0751, step time: 1.0347
    Batch 8/248, train_loss: 0.6676, step time: 1.0270
    Batch 9/248, train_loss: 0.0453, step time: 1.0211
    Batch 10/248, train_loss: 0.2208, step time: 1.0223
    Batch 11/248, train_loss: 0.1847, step time: 1.0396
    Batch 12/248, train_loss: 0.3209, step time: 1.0288
    Batch 13/248, train_loss: 0.2670, step time: 1.0364
    Batch 14/248, train_loss: 0.1461, step time: 1.0353
    Batch 15/248, train_loss: 0.3687, step time: 1.0380
    Batch 16/248, train_loss: 0.1944, step time: 1.0442
    Batch 17/248, train_loss: 0.2436, step time: 1.0258
    Batch 18/248, train_loss: 0.2557, step time: 1.0332
    Batch 19/248, train_loss: 0.2258, step time: 1.0414
    Batch 20/248, train_loss: 0.1506, step time: 1.0401
    Batch 21/248, train_loss: 0.0559, step time: 1.0460
    Batch 22/248, train_loss: 0.4194, step time: 1.0481
    Batch 23/248, train_loss: 0.3344, step time: 1.0283
    Batch 24/248, train_loss: 0.0979, step time: 1.0366
    Batch 25/248, train_loss: 0.1055, step time: 1.0459
    Batch 26/248, train_loss: 0.3823, step time: 1.0420
    Batch 27/248, train_loss: 0.0979, step time: 1.0352
    Batch 28/248, train_loss: 0.1613, step time: 1.0499
    Batch 29/248, train_loss: 0.3808, step time: 1.0536
    Batch 30/248, train_loss: 0.1875, step time: 1.0311
    Batch 31/248, train_loss: 0.2927, step time: 1.0334
    Batch 32/248, train_loss: 0.1224, step time: 1.0469
    Batch 33/248, train_loss: 0.0706, step time: 1.0421
    Batch 34/248, train_loss: 0.0487, step time: 1.0389
    Batch 35/248, train_loss: 0.0609, step time: 1.0419
    Batch 36/248, train_loss: 0.3564, step time: 1.0319
    Batch 37/248, train_loss: 0.2044, step time: 1.0372
    Batch 38/248, train_loss: 0.2764, step time: 1.0325
    Batch 39/248, train_loss: 0.1514, step time: 1.0380
    Batch 40/248, train_loss: 0.5779, step time: 1.0259
    Batch 41/248, train_loss: 0.1765, step time: 1.0362
    Batch 42/248, train_loss: 0.0851, step time: 1.0497
    Batch 43/248, train_loss: 0.0550, step time: 1.0458
    Batch 44/248, train_loss: 0.1359, step time: 1.0289
    Batch 45/248, train_loss: 0.4120, step time: 1.0436
    Batch 46/248, train_loss: 0.1473, step time: 1.0405
    Batch 47/248, train_loss: 0.0766, step time: 1.0472
    Batch 48/248, train_loss: 0.1603, step time: 1.0441
    Batch 49/248, train_loss: 0.4337, step time: 1.0332
    Batch 50/248, train_loss: 0.1542, step time: 1.0237
    Batch 51/248, train_loss: 0.1545, step time: 1.0402
    Batch 52/248, train_loss: 0.1328, step time: 1.0481
    Batch 53/248, train_loss: 0.3597, step time: 1.0418
    Batch 54/248, train_loss: 0.2823, step time: 1.0358
    Batch 55/248, train_loss: 0.2516, step time: 1.0259
    Batch 56/248, train_loss: 0.1992, step time: 1.0473
    Batch 57/248, train_loss: 0.2466, step time: 1.0330
    Batch 58/248, train_loss: 0.0803, step time: 1.0524
    Batch 59/248, train_loss: 0.0868, step time: 1.0329
    Batch 60/248, train_loss: 0.0660, step time: 1.0374
    Batch 61/248, train_loss: 0.0883, step time: 1.0408
    Batch 62/248, train_loss: 0.2286, step time: 1.0256
    Batch 63/248, train_loss: 0.4334, step time: 1.0191
    Batch 64/248, train_loss: 0.3720, step time: 1.0468
    Batch 65/248, train_loss: 0.2528, step time: 1.0359
    Batch 66/248, train_loss: 0.1278, step time: 1.0497
    Batch 67/248, train_loss: 0.0825, step time: 1.0289
    Batch 68/248, train_loss: 0.1169, step time: 1.0459
    Batch 69/248, train_loss: 0.3204, step time: 1.0509
    Batch 70/248, train_loss: 0.1639, step time: 1.0335
```

Batch 71/248, train_loss: 0.1260, step time: 1.0322
Batch 72/248, train_loss: 0.0611, step time: 1.0268
Batch 73/248, train_loss: 0.0865, step time: 1.0355
Batch 74/248, train_loss: 0.9907, step time: 1.0200
Batch 75/248, train_loss: 0.1413, step time: 1.0371
Batch 76/248, train_loss: 0.5148, step time: 1.0223
Batch 77/248, train_loss: 0.7516, step time: 1.0345
Batch 78/248, train_loss: 0.1371, step time: 1.0340
Batch 79/248, train_loss: 0.1032, step time: 1.0429
Batch 80/248, train_loss: 0.1892, step time: 1.0371
Batch 81/248, train_loss: 0.2077, step time: 1.0529
Batch 82/248, train_loss: 0.1113, step time: 1.0321
Batch 83/248, train_loss: 0.5954, step time: 1.0482
Batch 84/248, train_loss: 0.2212, step time: 1.0461
Batch 85/248, train_loss: 0.3657, step time: 1.0463
Batch 86/248, train_loss: 0.2547, step time: 1.0204
Batch 87/248, train_loss: 0.5115, step time: 1.0466
Batch 88/248, train_loss: 0.3382, step time: 1.0267
Batch 89/248, train_loss: 0.0770, step time: 1.0328
Batch 90/248, train_loss: 0.1724, step time: 1.0305
Batch 91/248, train_loss: 0.3258, step time: 1.0600
Batch 92/248, train_loss: 0.2380, step time: 1.0489
Batch 93/248, train_loss: 0.1576, step time: 1.0272
Batch 94/248, train_loss: 0.2755, step time: 1.0296
Batch 95/248, train_loss: 0.1476, step time: 1.0337
Batch 96/248, train_loss: 0.1792, step time: 1.0444
Batch 97/248, train_loss: 0.2649, step time: 1.0339
Batch 98/248, train_loss: 0.1198, step time: 1.0430
Batch 99/248, train_loss: 0.3044, step time: 1.0307
Batch 100/248, train_loss: 0.2469, step time: 1.0321
Batch 101/248, train_loss: 0.0634, step time: 1.0419
Batch 102/248, train_loss: 0.1145, step time: 1.0213
Batch 103/248, train_loss: 0.3031, step time: 1.0299
Batch 104/248, train_loss: 0.3122, step time: 1.0336
Batch 105/248, train_loss: 0.0862, step time: 1.0354
Batch 106/248, train_loss: 0.1348, step time: 1.0358
Batch 107/248, train_loss: 0.2501, step time: 1.0423
Batch 108/248, train_loss: 0.4391, step time: 1.0516
Batch 109/248, train_loss: 0.3029, step time: 1.0246
Batch 110/248, train_loss: 0.2594, step time: 1.0300
Batch 111/248, train_loss: 0.0940, step time: 1.0371
Batch 112/248, train_loss: 0.1109, step time: 1.0275
Batch 113/248, train_loss: 0.6128, step time: 1.0249
Batch 114/248, train_loss: 0.1321, step time: 1.0403
Batch 115/248, train_loss: 0.1776, step time: 1.0361
Batch 116/248, train_loss: 0.0816, step time: 1.0316
Batch 117/248, train_loss: 0.7237, step time: 1.0351
Batch 118/248, train_loss: 0.1649, step time: 1.0187
Batch 119/248, train_loss: 0.2575, step time: 1.0330
Batch 120/248, train_loss: 0.2160, step time: 1.0298
Batch 121/248, train_loss: 0.3511, step time: 1.0366
Batch 122/248, train_loss: 0.4286, step time: 1.0387
Batch 123/248, train_loss: 0.0740, step time: 1.0340
Batch 124/248, train_loss: 0.2347, step time: 1.0536
Batch 125/248, train_loss: 0.4618, step time: 1.0504
Batch 126/248, train_loss: 0.1910, step time: 1.0505
Batch 127/248, train_loss: 0.1364, step time: 1.0456
Batch 128/248, train_loss: 0.1916, step time: 1.0467
Batch 129/248, train_loss: 0.0961, step time: 1.0327
Batch 130/248, train_loss: 0.0887, step time: 1.0383
Batch 131/248, train_loss: 0.3653, step time: 1.0482
Batch 132/248, train_loss: 0.1751, step time: 1.0285
Batch 133/248, train_loss: 0.1327, step time: 1.0411
Batch 134/248, train_loss: 0.5097, step time: 1.0292
Batch 135/248, train_loss: 0.2414, step time: 1.0524
Batch 136/248, train_loss: 0.1192, step time: 1.0438
Batch 137/248, train_loss: 0.1166, step time: 1.0528
Batch 138/248, train_loss: 0.0657, step time: 1.0575
Batch 139/248, train_loss: 0.1492, step time: 1.0359
Batch 140/248, train_loss: 0.1618, step time: 1.0275
Batch 141/248, train_loss: 0.1614, step time: 1.0316
Batch 142/248, train_loss: 0.5587, step time: 1.0469
Batch 143/248, train_loss: 0.2489, step time: 1.0445
Batch 144/248, train_loss: 0.1435, step time: 1.0355
Batch 145/248, train_loss: 0.0606, step time: 1.0504
Batch 146/248, train_loss: 0.3514, step time: 1.0334
Batch 147/248, train_loss: 0.0515, step time: 1.0299
Batch 148/248, train_loss: 0.5266, step time: 1.0399
Batch 149/248, train_loss: 0.1489, step time: 1.0288
Batch 150/248, train_loss: 0.5286, step time: 1.0480
Batch 151/248, train_loss: 0.2715, step time: 1.0320
Batch 152/248, train_loss: 0.0468, step time: 1.0388
Batch 153/248, train_loss: 0.1845, step time: 1.0273
Batch 154/248, train_loss: 0.5147, step time: 1.0459
Batch 155/248, train_loss: 0.1077, step time: 1.0266

Batch 154/248, train_loss: 0.1077, step time: 1.0200
Batch 155/248, train_loss: 0.1574, step time: 1.0278
Batch 156/248, train_loss: 0.3176, step time: 1.0357
Batch 157/248, train_loss: 0.9937, step time: 1.0206
Batch 158/248, train_loss: 0.3375, step time: 1.0440
Batch 159/248, train_loss: 0.0924, step time: 1.0230
Batch 160/248, train_loss: 0.0566, step time: 1.0292
Batch 161/248, train_loss: 0.0724, step time: 1.0396
Batch 162/248, train_loss: 0.1333, step time: 1.0388
Batch 163/248, train_loss: 0.1564, step time: 1.0228
Batch 164/248, train_loss: 0.4437, step time: 1.0360
Batch 165/248, train_loss: 0.0945, step time: 1.0538
Batch 166/248, train_loss: 0.1984, step time: 1.0419
Batch 167/248, train_loss: 0.1641, step time: 1.0333
Batch 168/248, train_loss: 0.1312, step time: 1.0492
Batch 169/248, train_loss: 0.5145, step time: 1.0316
Batch 170/248, train_loss: 0.0975, step time: 1.0253
Batch 171/248, train_loss: 0.4420, step time: 1.0219
Batch 172/248, train_loss: 0.0773, step time: 1.0397
Batch 173/248, train_loss: 0.6950, step time: 1.0427
Batch 174/248, train_loss: 0.1168, step time: 1.0375
Batch 175/248, train_loss: 0.4006, step time: 1.0270
Batch 176/248, train_loss: 0.2542, step time: 1.0520
Batch 177/248, train_loss: 0.1824, step time: 1.0494
Batch 178/248, train_loss: 0.0895, step time: 1.0394
Batch 179/248, train_loss: 0.3708, step time: 1.0330
Batch 180/248, train_loss: 0.0956, step time: 1.0310
Batch 181/248, train_loss: 0.7384, step time: 1.0500
Batch 182/248, train_loss: 0.1119, step time: 1.0277
Batch 183/248, train_loss: 0.2010, step time: 1.0464
Batch 184/248, train_loss: 0.1007, step time: 1.0424
Batch 185/248, train_loss: 0.0864, step time: 1.0331
Batch 186/248, train_loss: 0.1640, step time: 1.0450
Batch 187/248, train_loss: 0.2064, step time: 1.0393
Batch 188/248, train_loss: 0.4292, step time: 1.0220
Batch 189/248, train_loss: 0.1369, step time: 1.0496
Batch 190/248, train_loss: 0.6129, step time: 1.0264
Batch 191/248, train_loss: 0.1964, step time: 1.0251
Batch 192/248, train_loss: 0.2488, step time: 1.0410
Batch 193/248, train_loss: 0.0893, step time: 1.0295
Batch 194/248, train_loss: 0.5985, step time: 1.0435
Batch 195/248, train_loss: 1.0000, step time: 1.0454
Batch 196/248, train_loss: 0.2149, step time: 1.0285
Batch 197/248, train_loss: 0.7398, step time: 1.0307
Batch 198/248, train_loss: 0.1393, step time: 1.0280
Batch 199/248, train_loss: 0.1481, step time: 1.0373
Batch 200/248, train_loss: 0.1226, step time: 1.0459
Batch 201/248, train_loss: 0.3825, step time: 1.0411
Batch 202/248, train_loss: 0.4373, step time: 1.0431
Batch 203/248, train_loss: 0.1200, step time: 1.0361
Batch 204/248, train_loss: 0.2986, step time: 1.0291
Batch 205/248, train_loss: 0.3219, step time: 1.0319
Batch 206/248, train_loss: 0.0785, step time: 1.0318
Batch 207/248, train_loss: 0.1530, step time: 1.0400
Batch 208/248, train_loss: 0.1546, step time: 1.0342
Batch 209/248, train_loss: 0.0719, step time: 1.0514
Batch 210/248, train_loss: 0.0806, step time: 1.0205
Batch 211/248, train_loss: 0.2165, step time: 1.0432
Batch 212/248, train_loss: 0.1706, step time: 1.0432
Batch 213/248, train_loss: 0.0953, step time: 1.0337
Batch 214/248, train_loss: 0.2031, step time: 1.0254
Batch 215/248, train_loss: 0.2054, step time: 1.0346
Batch 216/248, train_loss: 0.2779, step time: 1.0244
Batch 217/248, train_loss: 0.7331, step time: 1.0371
Batch 218/248, train_loss: 0.0908, step time: 1.0390
Batch 219/248, train_loss: 0.2258, step time: 1.0473
Batch 220/248, train_loss: 0.2870, step time: 1.0483
Batch 221/248, train_loss: 0.1974, step time: 1.0252
Batch 222/248, train_loss: 0.0547, step time: 1.0509
Batch 223/248, train_loss: 0.0896, step time: 1.0378
Batch 224/248, train_loss: 0.2059, step time: 1.0361
Batch 225/248, train_loss: 0.1444, step time: 1.0339
Batch 226/248, train_loss: 0.1172, step time: 1.0444
Batch 227/248, train_loss: 0.0699, step time: 1.0236
Batch 228/248, train_loss: 0.4565, step time: 1.0241
Batch 229/248, train_loss: 0.0721, step time: 1.0312
Batch 230/248, train_loss: 0.7428, step time: 1.0318
Batch 231/248, train_loss: 0.1014, step time: 1.0256
Batch 232/248, train_loss: 0.0577, step time: 1.0312
Batch 233/248, train_loss: 0.4565, step time: 1.0241
Batch 234/248, train_loss: 0.2850, step time: 1.0364
Batch 235/248, train_loss: 0.7716, step time: 1.0340
Batch 236/248, train_loss: 0.1463, step time: 1.0384
Batch 237/248, train_loss: 0.1135, step time: 1.0357
Batch 238/248, train_loss: 0.0572, step time: 1.0313

```
Batch 240/248, train_loss: 0.2591, step time: 1.0506  
Batch 241/248, train_loss: 0.7366, step time: 1.0458  
Batch 242/248, train_loss: 0.1776, step time: 1.0401  
Batch 243/248, train_loss: 0.3431, step time: 1.0348  
Batch 244/248, train_loss: 0.4376, step time: 1.0231  
Batch 245/248, train_loss: 0.0932, step time: 1.0363  
Batch 246/248, train_loss: 0.5398, step time: 1.0427  
Batch 247/248, train_loss: 0.0779, step time: 1.0247  
Batch 248/248, train_loss: 0.9998, step time: 1.0224
```

Labels



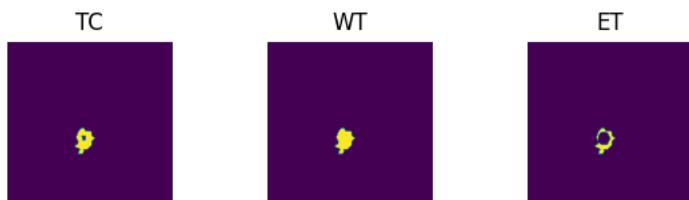
Predictions



VAL

```
Batch 1/31, val_loss: 0.8250  
Batch 2/31, val_loss: 0.8518  
Batch 3/31, val_loss: 0.9643  
Batch 4/31, val_loss: 0.9422  
Batch 5/31, val_loss: 0.9829  
Batch 6/31, val_loss: 0.6723  
Batch 7/31, val_loss: 0.8230  
Batch 8/31, val_loss: 0.9652  
Batch 9/31, val_loss: 0.6813  
Batch 10/31, val_loss: 0.9263  
Batch 11/31, val_loss: 0.7790  
Batch 12/31, val_loss: 0.9618  
Batch 13/31, val_loss: 0.9239  
Batch 14/31, val_loss: 0.9357  
Batch 15/31, val_loss: 0.9824  
Batch 16/31, val_loss: 0.9340  
Batch 17/31, val_loss: 0.9671  
Batch 18/31, val_loss: 0.9289  
Batch 19/31, val_loss: 0.7413  
Batch 20/31, val_loss: 0.8488  
Batch 21/31, val_loss: 0.9424  
Batch 22/31, val_loss: 0.9723  
Batch 23/31, val_loss: 0.9563  
Batch 24/31, val_loss: 0.7257  
Batch 25/31, val_loss: 0.7689  
Batch 26/31, val_loss: 0.8816  
Batch 27/31, val_loss: 0.9763  
Batch 28/31, val_loss: 0.7375  
Batch 29/31, val_loss: 0.9796  
Batch 30/31, val_loss: 0.9608  
Batch 31/31, val_loss: 0.9587
```

Labels



Predictions



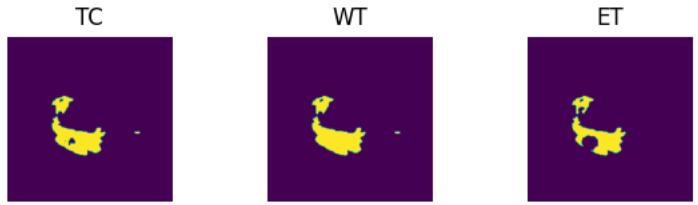
```
epoch 83
    average train loss: 0.2537
    average validation loss: 0.8870
    saved as best model: False
    current mean dice: 0.5147
    current TC dice: 0.5485
    current WT dice: 0.5476
    current ET dice: 0.4851
Best Mean Metric: 0.5343
time consuming of epoch 83 is: 1633.7166
-----
epoch 84/100
TRAIN
    Batch 1/248, train_loss: 0.0790, step time: 1.0283
    Batch 2/248, train_loss: 0.6704, step time: 1.0348
    Batch 3/248, train_loss: 0.2774, step time: 1.0499
    Batch 4/248, train_loss: 0.9965, step time: 1.0387
    Batch 5/248, train_loss: 0.1754, step time: 1.0253
    Batch 6/248, train_loss: 0.1840, step time: 1.0527
    Batch 7/248, train_loss: 0.0738, step time: 1.0389
    Batch 8/248, train_loss: 0.6017, step time: 1.0264
    Batch 9/248, train_loss: 0.0453, step time: 1.0498
    Batch 10/248, train_loss: 0.2167, step time: 1.0303
    Batch 11/248, train_loss: 0.1878, step time: 1.0544
    Batch 12/248, train_loss: 0.3470, step time: 1.0461
    Batch 13/248, train_loss: 0.2626, step time: 1.0354
    Batch 14/248, train_loss: 0.0604, step time: 1.0485
    Batch 15/248, train_loss: 0.3269, step time: 1.0472
    Batch 16/248, train_loss: 0.1554, step time: 1.0432
    Batch 17/248, train_loss: 0.2309, step time: 1.0267
    Batch 18/248, train_loss: 0.2964, step time: 1.0383
    Batch 19/248, train_loss: 0.0969, step time: 1.0418
    Batch 20/248, train_loss: 0.1071, step time: 1.0535
    Batch 21/248, train_loss: 0.0565, step time: 1.0312
    Batch 22/248, train_loss: 0.5893, step time: 1.0415
    Batch 23/248, train_loss: 0.3627, step time: 1.0505
    Batch 24/248, train_loss: 0.0883, step time: 1.0408
    Batch 25/248, train_loss: 0.0721, step time: 1.0367
    Batch 26/248, train_loss: 0.4002, step time: 1.0487
    Batch 27/248, train_loss: 0.0733, step time: 1.0235
    Batch 28/248, train_loss: 0.1698, step time: 1.0456
    Batch 29/248, train_loss: 0.3351, step time: 1.0276
    Batch 30/248, train_loss: 0.2238, step time: 1.0551
    Batch 31/248, train_loss: 0.2927, step time: 1.0305
    Batch 32/248, train_loss: 0.0921, step time: 1.0482
    Batch 33/248, train_loss: 0.0683, step time: 1.0423
    Batch 34/248, train_loss: 0.0465, step time: 1.0409
    Batch 35/248, train_loss: 0.0560, step time: 1.0241
    Batch 36/248, train_loss: 0.5931, step time: 1.0327
    Batch 37/248, train_loss: 0.1876, step time: 1.0188
    Batch 38/248, train_loss: 0.2831, step time: 1.0311
    Batch 39/248, train_loss: 0.1798, step time: 1.0386
    Batch 40/248, train_loss: 0.6001, step time: 1.0479
    Batch 41/248, train_loss: 0.1625, step time: 1.0249
    Batch 42/248, train_loss: 0.0962, step time: 1.0464
    Batch 43/248, train_loss: 0.0698, step time: 1.0312
    Batch 44/248, train_loss: 0.1484, step time: 1.0482
    Batch 45/248, train_loss: 0.4318, step time: 1.0352
    Batch 46/248, train_loss: 0.1442, step time: 1.0272
    Batch 47/248, train_loss: 0.0860, step time: 1.0366
    Batch 48/248, train_loss: 0.2051, step time: 1.0452
    Batch 49/248, train_loss: 0.3958, step time: 1.0493
    Batch 50/248, train_loss: 0.1657, step time: 1.0254
    Batch 51/248, train_loss: 0.1479, step time: 1.0227
    Batch 52/248, train_loss: 0.1334, step time: 1.0471
    Batch 53/248, train_loss: 0.3763, step time: 1.0353
    Batch 54/248, train_loss: 0.2727, step time: 1.0454
    Batch 55/248, train_loss: 0.2955, step time: 1.0288
    Batch 56/248, train_loss: 0.1970, step time: 1.0371
    Batch 57/248, train_loss: 0.2597, step time: 1.0435
    Batch 58/248, train_loss: 0.0826, step time: 1.0358
    Batch 59/248, train_loss: 0.0964, step time: 1.0381
    Batch 60/248, train_loss: 0.0716, step time: 1.0445
    Batch 61/248, train_loss: 0.0876, step time: 1.0409
    Batch 62/248, train_loss: 0.2315, step time: 1.0288
    Batch 63/248, train_loss: 0.4147, step time: 1.0446
    Batch 64/248, train_loss: 0.3598, step time: 1.0377
    Batch 65/248, train_loss: 0.2404, step time: 1.0203
    Batch 66/248, train_loss: 0.1408, step time: 1.0442
    Batch 67/248, train_loss: 0.0819, step time: 1.0429
    Batch 68/248, train_loss: 0.1182, step time: 1.0237
    Batch 69/248, train_loss: 0.3572, step time: 1.0397
```

Batch 0/248, train_loss: 0.16/0, step time: 1.0495
Batch 71/248, train_loss: 0.1211, step time: 1.0385
Batch 72/248, train_loss: 0.0589, step time: 1.0302
Batch 73/248, train_loss: 0.1559, step time: 1.0378
Batch 74/248, train_loss: 0.9920, step time: 1.0398
Batch 75/248, train_loss: 0.1385, step time: 1.0449
Batch 76/248, train_loss: 0.4857, step time: 1.0390
Batch 77/248, train_loss: 0.7494, step time: 1.0477
Batch 78/248, train_loss: 0.1367, step time: 1.0227
Batch 79/248, train_loss: 0.1187, step time: 1.0419
Batch 80/248, train_loss: 0.1920, step time: 1.0471
Batch 81/248, train_loss: 0.1771, step time: 1.0323
Batch 82/248, train_loss: 0.1040, step time: 1.0261
Batch 83/248, train_loss: 0.6107, step time: 1.0296
Batch 84/248, train_loss: 0.2056, step time: 1.0241
Batch 85/248, train_loss: 0.3653, step time: 1.0264
Batch 86/248, train_loss: 0.2416, step time: 1.0448
Batch 87/248, train_loss: 0.4981, step time: 1.0219
Batch 88/248, train_loss: 0.3315, step time: 1.0459
Batch 89/248, train_loss: 0.0789, step time: 1.0352
Batch 90/248, train_loss: 0.2299, step time: 1.0403
Batch 91/248, train_loss: 0.3609, step time: 1.0264
Batch 92/248, train_loss: 0.2643, step time: 1.0458
Batch 93/248, train_loss: 0.1685, step time: 1.0338
Batch 94/248, train_loss: 0.2481, step time: 1.0511
Batch 95/248, train_loss: 0.1746, step time: 1.0234
Batch 96/248, train_loss: 0.1733, step time: 1.0410
Batch 97/248, train_loss: 0.2680, step time: 1.0374
Batch 98/248, train_loss: 0.1125, step time: 1.0432
Batch 99/248, train_loss: 0.2971, step time: 1.0333
Batch 100/248, train_loss: 0.2876, step time: 1.0304
Batch 101/248, train_loss: 0.0608, step time: 1.0261
Batch 102/248, train_loss: 0.1145, step time: 1.0219
Batch 103/248, train_loss: 0.3154, step time: 1.0463
Batch 104/248, train_loss: 0.3121, step time: 1.0275
Batch 105/248, train_loss: 0.0848, step time: 1.0516
Batch 106/248, train_loss: 0.1331, step time: 1.0372
Batch 107/248, train_loss: 0.2342, step time: 1.0489
Batch 108/248, train_loss: 0.4456, step time: 1.0257
Batch 109/248, train_loss: 0.3388, step time: 1.0343
Batch 110/248, train_loss: 0.2410, step time: 1.0267
Batch 111/248, train_loss: 0.0953, step time: 1.0416
Batch 112/248, train_loss: 0.1253, step time: 1.0413
Batch 113/248, train_loss: 0.9156, step time: 1.0252
Batch 114/248, train_loss: 0.1420, step time: 1.0424
Batch 115/248, train_loss: 0.1291, step time: 1.0386
Batch 116/248, train_loss: 0.0707, step time: 1.0285
Batch 117/248, train_loss: 0.6611, step time: 1.0283
Batch 118/248, train_loss: 0.1601, step time: 1.0431
Batch 119/248, train_loss: 0.2696, step time: 1.0472
Batch 120/248, train_loss: 0.2122, step time: 1.0369
Batch 121/248, train_loss: 0.3422, step time: 1.0359
Batch 122/248, train_loss: 0.3791, step time: 1.0318
Batch 123/248, train_loss: 0.0786, step time: 1.0397
Batch 124/248, train_loss: 0.2471, step time: 1.0395
Batch 125/248, train_loss: 0.4805, step time: 1.0353
Batch 126/248, train_loss: 0.1862, step time: 1.0524
Batch 127/248, train_loss: 0.1421, step time: 1.0309
Batch 128/248, train_loss: 0.1989, step time: 1.0444
Batch 129/248, train_loss: 0.0987, step time: 1.0289
Batch 130/248, train_loss: 0.0911, step time: 1.0385
Batch 131/248, train_loss: 0.3456, step time: 1.0454
Batch 132/248, train_loss: 0.1601, step time: 1.0533
Batch 133/248, train_loss: 0.1278, step time: 1.0500
Batch 134/248, train_loss: 0.5831, step time: 1.0307
Batch 135/248, train_loss: 0.2176, step time: 1.0243
Batch 136/248, train_loss: 0.1178, step time: 1.0334
Batch 137/248, train_loss: 0.1077, step time: 1.0451
Batch 138/248, train_loss: 0.0725, step time: 1.0283
Batch 139/248, train_loss: 0.2231, step time: 1.0224
Batch 140/248, train_loss: 0.1520, step time: 1.0461
Batch 141/248, train_loss: 0.1629, step time: 1.0354
Batch 142/248, train_loss: 0.4958, step time: 1.0378
Batch 143/248, train_loss: 0.2358, step time: 1.0268
Batch 144/248, train_loss: 0.1408, step time: 1.0328
Batch 145/248, train_loss: 0.0553, step time: 1.0245
Batch 146/248, train_loss: 0.3183, step time: 1.0477
Batch 147/248, train_loss: 0.0539, step time: 1.0448
Batch 148/248, train_loss: 0.6179, step time: 1.0354
Batch 149/248, train_loss: 0.1387, step time: 1.0371
Batch 150/248, train_loss: 0.5050, step time: 1.0477
Batch 151/248, train_loss: 0.2824, step time: 1.0271
Batch 152/248, train_loss: 0.0432, step time: 1.0271
Batch 153/248, train_loss: 0.1776, step time: 1.0436
Batch 154/248, train_loss: 0.5110, step time: 1.0219

Batch 155/248, train_loss: 0.1113, step time: 1.0433
Batch 156/248, train_loss: 0.1739, step time: 1.0313
Batch 157/248, train_loss: 0.3070, step time: 1.0460
Batch 158/248, train_loss: 0.9977, step time: 1.0414
Batch 159/248, train_loss: 0.3495, step time: 1.0356
Batch 160/248, train_loss: 0.0845, step time: 1.0509
Batch 161/248, train_loss: 0.0675, step time: 1.0216
Batch 162/248, train_loss: 0.0819, step time: 1.0481
Batch 163/248, train_loss: 0.1327, step time: 1.0305
Batch 164/248, train_loss: 0.1566, step time: 1.0388
Batch 165/248, train_loss: 0.4254, step time: 1.0378
Batch 166/248, train_loss: 0.1106, step time: 1.0256
Batch 167/248, train_loss: 0.1855, step time: 1.0337
Batch 168/248, train_loss: 0.1567, step time: 1.0390
Batch 169/248, train_loss: 0.1283, step time: 1.0399
Batch 170/248, train_loss: 0.4694, step time: 1.0409
Batch 171/248, train_loss: 0.0819, step time: 1.0283
Batch 172/248, train_loss: 0.4077, step time: 1.0448
Batch 173/248, train_loss: 0.0743, step time: 1.0428
Batch 174/248, train_loss: 0.6498, step time: 1.0374
Batch 175/248, train_loss: 0.1125, step time: 1.0442
Batch 176/248, train_loss: 0.3926, step time: 1.0498
Batch 177/248, train_loss: 0.2427, step time: 1.0509
Batch 178/248, train_loss: 0.1821, step time: 1.0468
Batch 179/248, train_loss: 0.0873, step time: 1.0423
Batch 180/248, train_loss: 0.3345, step time: 1.0399
Batch 181/248, train_loss: 0.1000, step time: 1.0319
Batch 182/248, train_loss: 0.5974, step time: 1.0377
Batch 183/248, train_loss: 0.1155, step time: 1.0243
Batch 184/248, train_loss: 0.1832, step time: 1.0315
Batch 185/248, train_loss: 0.1058, step time: 1.0276
Batch 186/248, train_loss: 0.0893, step time: 1.0217
Batch 187/248, train_loss: 0.1773, step time: 1.0486
Batch 188/248, train_loss: 0.2188, step time: 1.0307
Batch 189/248, train_loss: 0.4682, step time: 1.0457
Batch 190/248, train_loss: 0.1298, step time: 1.0391
Batch 191/248, train_loss: 0.6014, step time: 1.0482
Batch 192/248, train_loss: 0.2640, step time: 1.0232
Batch 193/248, train_loss: 0.2507, step time: 1.0181
Batch 194/248, train_loss: 0.0928, step time: 1.0196
Batch 195/248, train_loss: 0.6178, step time: 1.0404
Batch 196/248, train_loss: 0.9995, step time: 1.0175
Batch 197/248, train_loss: 0.2012, step time: 1.0253
Batch 198/248, train_loss: 0.7382, step time: 1.0441
Batch 199/248, train_loss: 0.1329, step time: 1.0494
Batch 200/248, train_loss: 0.1444, step time: 1.0293
Batch 201/248, train_loss: 0.1224, step time: 1.0204
Batch 202/248, train_loss: 0.3690, step time: 1.0379
Batch 203/248, train_loss: 0.4134, step time: 1.0452
Batch 204/248, train_loss: 0.1973, step time: 1.0416
Batch 205/248, train_loss: 0.2934, step time: 1.0459
Batch 206/248, train_loss: 0.2823, step time: 1.0348
Batch 207/248, train_loss: 0.0717, step time: 1.0394
Batch 208/248, train_loss: 0.1746, step time: 1.0378
Batch 209/248, train_loss: 0.1255, step time: 1.0356
Batch 210/248, train_loss: 0.0701, step time: 1.0220
Batch 211/248, train_loss: 0.0830, step time: 1.0180
Batch 212/248, train_loss: 0.2226, step time: 1.0315
Batch 213/248, train_loss: 0.1739, step time: 1.0328
Batch 214/248, train_loss: 0.0928, step time: 1.0455
Batch 215/248, train_loss: 0.2299, step time: 1.0252
Batch 216/248, train_loss: 0.2026, step time: 1.0358
Batch 217/248, train_loss: 0.2660, step time: 1.0445
Batch 218/248, train_loss: 0.7554, step time: 1.0570
Batch 219/248, train_loss: 0.0873, step time: 1.0488
Batch 220/248, train_loss: 0.2412, step time: 1.0260
Batch 221/248, train_loss: 0.2893, step time: 1.0389
Batch 222/248, train_loss: 0.2261, step time: 1.0297
Batch 223/248, train_loss: 0.0536, step time: 1.0420
Batch 224/248, train_loss: 0.0926, step time: 1.0468
Batch 225/248, train_loss: 0.2305, step time: 1.0268
Batch 226/248, train_loss: 0.1243, step time: 1.0417
Batch 227/248, train_loss: 0.1092, step time: 1.0432
Batch 228/248, train_loss: 0.1499, step time: 1.0209
Batch 229/248, train_loss: 0.1057, step time: 1.0296
Batch 230/248, train_loss: 0.0712, step time: 1.0287
Batch 231/248, train_loss: 0.3105, step time: 1.0445
Batch 232/248, train_loss: 0.0760, step time: 1.0332
Batch 233/248, train_loss: 0.7927, step time: 1.0192
Batch 234/248, train_loss: 0.4908, step time: 1.0421
Batch 235/248, train_loss: 0.2885, step time: 1.0491
Batch 236/248, train_loss: 0.7505, step time: 1.0470
Batch 237/248, train_loss: 0.1442, step time: 1.0286
Batch 238/248, train_loss: 0.1136, step time: 1.0327
Batch 239/248, train_loss: 0.0567, step time: 1.0529

```
Batch 240/248, train_loss: 0.2715, step time: 1.0440
Batch 241/248, train_loss: 0.7202, step time: 1.0264
Batch 242/248, train_loss: 0.1870, step time: 1.0484
Batch 243/248, train_loss: 0.4620, step time: 1.0463
Batch 244/248, train_loss: 0.3747, step time: 1.0357
Batch 245/248, train_loss: 0.0891, step time: 1.0248
Batch 246/248, train_loss: 0.6136, step time: 1.0293
Batch 247/248, train_loss: 0.0789, step time: 1.0308
Batch 248/248, train_loss: 0.9998, step time: 1.0455
```

Labels



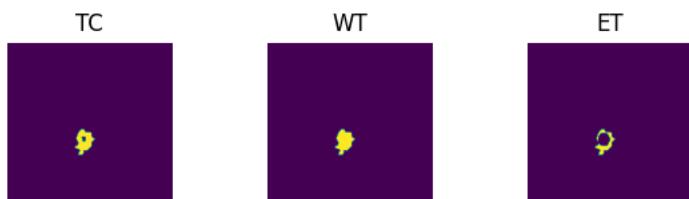
Predictions



VAL

```
Batch 1/31, val_loss: 0.8389
Batch 2/31, val_loss: 0.8385
Batch 3/31, val_loss: 0.9530
Batch 4/31, val_loss: 0.9380
Batch 5/31, val_loss: 0.9792
Batch 6/31, val_loss: 0.6709
Batch 7/31, val_loss: 0.8189
Batch 8/31, val_loss: 0.9516
Batch 9/31, val_loss: 0.6778
Batch 10/31, val_loss: 0.9209
Batch 11/31, val_loss: 0.7747
Batch 12/31, val_loss: 0.9578
Batch 13/31, val_loss: 0.9212
Batch 14/31, val_loss: 0.9306
Batch 15/31, val_loss: 0.9818
Batch 16/31, val_loss: 0.9275
Batch 17/31, val_loss: 0.9614
Batch 18/31, val_loss: 0.9245
Batch 19/31, val_loss: 0.7319
Batch 20/31, val_loss: 0.8334
Batch 21/31, val_loss: 0.9323
Batch 22/31, val_loss: 0.9729
Batch 23/31, val_loss: 0.9596
Batch 24/31, val_loss: 0.7249
Batch 25/31, val_loss: 0.7652
Batch 26/31, val_loss: 0.8769
Batch 27/31, val_loss: 0.9687
Batch 28/31, val_loss: 0.7331
Batch 29/31, val_loss: 0.9765
Batch 30/31, val_loss: 0.9558
Batch 31/31, val_loss: 0.9563
```

Labels



Predictions



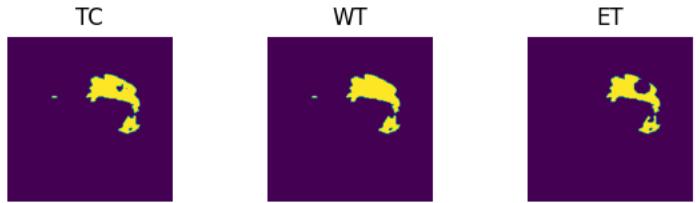
```
epoch 84
    average train loss: 0.2547
    average validation loss: 0.8824
    saved as best model: False
    current mean dice: 0.5053
    current TC dice: 0.5359
    current WT dice: 0.5379
    current ET dice: 0.4786
Best Mean Metric: 0.5343
time consuming of epoch 84 is: 1625.1708
-----
epoch 85/100
TRAIN
    Batch 1/248, train_loss: 0.0857, step time: 1.0400
    Batch 2/248, train_loss: 0.6373, step time: 1.0400
    Batch 3/248, train_loss: 0.3641, step time: 1.0375
    Batch 4/248, train_loss: 0.9797, step time: 1.0279
    Batch 5/248, train_loss: 0.2037, step time: 1.0252
    Batch 6/248, train_loss: 0.5989, step time: 1.0235
    Batch 7/248, train_loss: 0.0668, step time: 1.0266
    Batch 8/248, train_loss: 0.6968, step time: 1.0443
    Batch 9/248, train_loss: 0.0453, step time: 1.0393
    Batch 10/248, train_loss: 0.2244, step time: 1.0313
    Batch 11/248, train_loss: 0.1835, step time: 1.0427
    Batch 12/248, train_loss: 0.3019, step time: 1.0253
    Batch 13/248, train_loss: 0.3121, step time: 1.0338
    Batch 14/248, train_loss: 0.0637, step time: 1.0240
    Batch 15/248, train_loss: 0.3634, step time: 1.0516
    Batch 16/248, train_loss: 0.1648, step time: 1.0271
    Batch 17/248, train_loss: 0.2465, step time: 1.0220
    Batch 18/248, train_loss: 0.2579, step time: 1.0364
    Batch 19/248, train_loss: 0.0919, step time: 1.0442
    Batch 20/248, train_loss: 0.1260, step time: 1.0395
    Batch 21/248, train_loss: 0.0588, step time: 1.0218
    Batch 22/248, train_loss: 0.4561, step time: 1.0305
    Batch 23/248, train_loss: 0.3109, step time: 1.0271
    Batch 24/248, train_loss: 0.0868, step time: 1.0255
    Batch 25/248, train_loss: 0.0760, step time: 1.0199
    Batch 26/248, train_loss: 0.4026, step time: 1.0261
    Batch 27/248, train_loss: 0.0742, step time: 1.0285
    Batch 28/248, train_loss: 0.1737, step time: 1.0448
    Batch 29/248, train_loss: 0.3477, step time: 1.0407
    Batch 30/248, train_loss: 0.2059, step time: 1.0293
    Batch 31/248, train_loss: 0.2755, step time: 1.0241
    Batch 32/248, train_loss: 0.0940, step time: 1.0443
    Batch 33/248, train_loss: 0.0713, step time: 1.0347
    Batch 34/248, train_loss: 0.0507, step time: 1.0233
    Batch 35/248, train_loss: 0.0610, step time: 1.0279
    Batch 36/248, train_loss: 0.4849, step time: 1.0406
    Batch 37/248, train_loss: 0.1660, step time: 1.0349
    Batch 38/248, train_loss: 0.2732, step time: 1.0238
    Batch 39/248, train_loss: 0.1723, step time: 1.0462
    Batch 40/248, train_loss: 0.5789, step time: 1.0501
    Batch 41/248, train_loss: 0.2321, step time: 1.0389
    Batch 42/248, train_loss: 0.0842, step time: 1.0309
    Batch 43/248, train_loss: 0.0481, step time: 1.0279
    Batch 44/248, train_loss: 0.1346, step time: 1.0317
    Batch 45/248, train_loss: 0.4139, step time: 1.0340
    Batch 46/248, train_loss: 0.1384, step time: 1.0271
    Batch 47/248, train_loss: 0.0728, step time: 1.0380
    Batch 48/248, train_loss: 0.1692, step time: 1.0422
    Batch 49/248, train_loss: 0.3805, step time: 1.0489
    Batch 50/248, train_loss: 0.1601, step time: 1.0460
    Batch 51/248, train_loss: 0.1452, step time: 1.0320
    Batch 52/248, train_loss: 0.1312, step time: 1.0303
    Batch 53/248, train_loss: 0.3549, step time: 1.0438
    Batch 54/248, train_loss: 0.2731, step time: 1.0510
    Batch 55/248, train_loss: 0.2748, step time: 1.0505
    Batch 56/248, train_loss: 0.1921, step time: 1.0359
    Batch 57/248, train_loss: 0.2345, step time: 1.0490
    Batch 58/248, train_loss: 0.0802, step time: 1.0511
    Batch 59/248, train_loss: 0.0871, step time: 1.0252
    Batch 60/248, train_loss: 0.0646, step time: 1.0510
    Batch 61/248, train_loss: 0.0855, step time: 1.0228
    Batch 62/248, train_loss: 0.2303, step time: 1.0279
    Batch 63/248, train_loss: 0.4452, step time: 1.0258
    Batch 64/248, train_loss: 0.3659, step time: 1.0231
    Batch 65/248, train_loss: 0.2417, step time: 1.0269
    Batch 66/248, train_loss: 0.1238, step time: 1.0500
    Batch 67/248, train_loss: 0.0802, step time: 1.0192
    Batch 68/248, train_loss: 0.1038, step time: 1.0465
    Batch 69/248, train_loss: 0.3380, step time: 1.0355
```

Batch 70/248, train_loss: 0.1698, step time: 1.0308
Batch 71/248, train_loss: 0.1251, step time: 1.0540
Batch 72/248, train_loss: 0.0634, step time: 1.0285
Batch 73/248, train_loss: 0.0875, step time: 1.0211
Batch 74/248, train_loss: 0.9858, step time: 1.0407
Batch 75/248, train_loss: 0.1419, step time: 1.0401
Batch 76/248, train_loss: 0.4839, step time: 1.0189
Batch 77/248, train_loss: 0.7606, step time: 1.0230
Batch 78/248, train_loss: 0.1313, step time: 1.0165
Batch 79/248, train_loss: 0.1142, step time: 1.0382
Batch 80/248, train_loss: 0.1952, step time: 1.0231
Batch 81/248, train_loss: 0.1987, step time: 1.0201
Batch 82/248, train_loss: 0.1066, step time: 1.0329
Batch 83/248, train_loss: 0.5862, step time: 1.0354
Batch 84/248, train_loss: 0.1881, step time: 1.0328
Batch 85/248, train_loss: 0.4092, step time: 1.0277
Batch 86/248, train_loss: 0.2415, step time: 1.0220
Batch 87/248, train_loss: 0.4989, step time: 1.0424
Batch 88/248, train_loss: 0.3400, step time: 1.0276
Batch 89/248, train_loss: 0.0796, step time: 1.0344
Batch 90/248, train_loss: 0.1663, step time: 1.0284
Batch 91/248, train_loss: 0.3419, step time: 1.0283
Batch 92/248, train_loss: 0.2216, step time: 1.0284
Batch 93/248, train_loss: 0.1650, step time: 1.0191
Batch 94/248, train_loss: 0.2738, step time: 1.0399
Batch 95/248, train_loss: 0.1620, step time: 1.0218
Batch 96/248, train_loss: 0.1677, step time: 1.0381
Batch 97/248, train_loss: 0.2531, step time: 1.0202
Batch 98/248, train_loss: 0.1133, step time: 1.0243
Batch 99/248, train_loss: 0.2903, step time: 1.0177
Batch 100/248, train_loss: 0.2317, step time: 1.0189
Batch 101/248, train_loss: 0.0625, step time: 1.0255
Batch 102/248, train_loss: 0.1257, step time: 1.0114
Batch 103/248, train_loss: 0.3094, step time: 1.0268
Batch 104/248, train_loss: 0.2996, step time: 1.0226
Batch 105/248, train_loss: 0.0821, step time: 1.0277
Batch 106/248, train_loss: 0.1420, step time: 1.0181
Batch 107/248, train_loss: 0.2126, step time: 1.0394
Batch 108/248, train_loss: 0.4378, step time: 1.0272
Batch 109/248, train_loss: 0.2933, step time: 1.0263
Batch 110/248, train_loss: 0.2724, step time: 1.0315
Batch 111/248, train_loss: 0.0967, step time: 1.0165
Batch 112/248, train_loss: 0.1045, step time: 1.0179
Batch 113/248, train_loss: 0.5978, step time: 1.0279
Batch 114/248, train_loss: 0.1318, step time: 1.0277
Batch 115/248, train_loss: 0.1521, step time: 1.0364
Batch 116/248, train_loss: 0.0698, step time: 1.0310
Batch 117/248, train_loss: 0.6280, step time: 1.0336
Batch 118/248, train_loss: 0.1380, step time: 1.0111
Batch 119/248, train_loss: 0.2768, step time: 1.0148
Batch 120/248, train_loss: 0.2226, step time: 1.0322
Batch 121/248, train_loss: 0.3261, step time: 1.0222
Batch 122/248, train_loss: 0.3720, step time: 1.0331
Batch 123/248, train_loss: 0.0711, step time: 1.0109
Batch 124/248, train_loss: 0.2583, step time: 1.0218
Batch 125/248, train_loss: 0.4376, step time: 1.0137
Batch 126/248, train_loss: 0.1765, step time: 1.0351
Batch 127/248, train_loss: 0.1342, step time: 1.0175
Batch 128/248, train_loss: 0.1589, step time: 1.0136
Batch 129/248, train_loss: 0.0960, step time: 1.0166
Batch 130/248, train_loss: 0.0924, step time: 1.0134
Batch 131/248, train_loss: 0.3489, step time: 1.0214
Batch 132/248, train_loss: 0.1699, step time: 1.0492
Batch 133/248, train_loss: 0.1321, step time: 1.0296
Batch 134/248, train_loss: 0.5270, step time: 1.0268
Batch 135/248, train_loss: 0.2158, step time: 1.0196
Batch 136/248, train_loss: 0.1319, step time: 1.0255
Batch 137/248, train_loss: 0.1098, step time: 1.0414
Batch 138/248, train_loss: 0.0710, step time: 1.0356
Batch 139/248, train_loss: 0.1496, step time: 1.0274
Batch 140/248, train_loss: 0.1526, step time: 1.0387
Batch 141/248, train_loss: 0.1657, step time: 1.0260
Batch 142/248, train_loss: 0.5097, step time: 1.0389
Batch 143/248, train_loss: 0.2297, step time: 1.0458
Batch 144/248, train_loss: 0.1420, step time: 1.0460
Batch 145/248, train_loss: 0.0566, step time: 1.0227
Batch 146/248, train_loss: 0.3489, step time: 1.0363
Batch 147/248, train_loss: 0.0530, step time: 1.0273
Batch 148/248, train_loss: 0.5001, step time: 1.0412
Batch 149/248, train_loss: 0.1274, step time: 1.0419
Batch 150/248, train_loss: 0.4793, step time: 1.0405
Batch 151/248, train_loss: 0.2864, step time: 1.0542
Batch 152/248, train_loss: 0.0464, step time: 1.0383
Batch 153/248, train_loss: 0.1840, step time: 1.0241
Batch 154/248, train_loss: 0.5086, step time: 1.0510

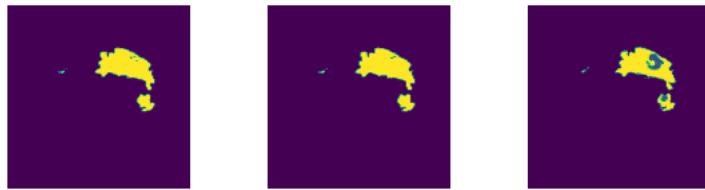
Batch 155/248, train_loss: 0.1201, step time: 1.0463
Batch 156/248, train_loss: 0.1543, step time: 1.0481
Batch 157/248, train_loss: 0.3086, step time: 1.0433
Batch 158/248, train_loss: 0.9939, step time: 1.0450
Batch 159/248, train_loss: 0.3175, step time: 1.0380
Batch 160/248, train_loss: 0.0986, step time: 1.0536
Batch 161/248, train_loss: 0.0577, step time: 1.0275
Batch 162/248, train_loss: 0.0699, step time: 1.0419
Batch 163/248, train_loss: 0.1233, step time: 1.0412
Batch 164/248, train_loss: 0.1583, step time: 1.0480
Batch 165/248, train_loss: 0.4217, step time: 1.0497
Batch 166/248, train_loss: 0.0932, step time: 1.0438
Batch 167/248, train_loss: 0.1977, step time: 1.0213
Batch 168/248, train_loss: 0.1565, step time: 1.0424
Batch 169/248, train_loss: 0.1330, step time: 1.0445
Batch 170/248, train_loss: 0.4634, step time: 1.0454
Batch 171/248, train_loss: 0.0876, step time: 1.0293
Batch 172/248, train_loss: 0.4982, step time: 1.0460
Batch 173/248, train_loss: 0.0730, step time: 1.0258
Batch 174/248, train_loss: 0.5138, step time: 1.0280
Batch 175/248, train_loss: 0.1174, step time: 1.0521
Batch 176/248, train_loss: 0.3970, step time: 1.0302
Batch 177/248, train_loss: 0.2406, step time: 1.0313
Batch 178/248, train_loss: 0.1633, step time: 1.0534
Batch 179/248, train_loss: 0.0883, step time: 1.0530
Batch 180/248, train_loss: 0.3697, step time: 1.0371
Batch 181/248, train_loss: 0.0951, step time: 1.0255
Batch 182/248, train_loss: 0.6626, step time: 1.0433
Batch 183/248, train_loss: 0.1136, step time: 1.0235
Batch 184/248, train_loss: 0.1631, step time: 1.0365
Batch 185/248, train_loss: 0.1040, step time: 1.0397
Batch 186/248, train_loss: 0.0812, step time: 1.0415
Batch 187/248, train_loss: 0.1733, step time: 1.0310
Batch 188/248, train_loss: 0.2070, step time: 1.0421
Batch 189/248, train_loss: 0.5054, step time: 1.0516
Batch 190/248, train_loss: 0.1317, step time: 1.0282
Batch 191/248, train_loss: 0.6011, step time: 1.0440
Batch 192/248, train_loss: 0.1902, step time: 1.0377
Batch 193/248, train_loss: 0.2515, step time: 1.0372
Batch 194/248, train_loss: 0.0928, step time: 1.0490
Batch 195/248, train_loss: 0.6358, step time: 1.0472
Batch 196/248, train_loss: 0.9654, step time: 1.0309
Batch 197/248, train_loss: 0.1925, step time: 1.0234
Batch 198/248, train_loss: 0.5449, step time: 1.0285
Batch 199/248, train_loss: 0.1263, step time: 1.0306
Batch 200/248, train_loss: 0.1501, step time: 1.0402
Batch 201/248, train_loss: 0.1230, step time: 1.0220
Batch 202/248, train_loss: 0.3805, step time: 1.0398
Batch 203/248, train_loss: 0.4449, step time: 1.0464
Batch 204/248, train_loss: 0.1124, step time: 1.0233
Batch 205/248, train_loss: 0.3074, step time: 1.0249
Batch 206/248, train_loss: 0.3480, step time: 1.0488
Batch 207/248, train_loss: 0.0787, step time: 1.0335
Batch 208/248, train_loss: 0.1577, step time: 1.0287
Batch 209/248, train_loss: 0.1432, step time: 1.0325
Batch 210/248, train_loss: 0.0730, step time: 1.0338
Batch 211/248, train_loss: 0.0856, step time: 1.0531
Batch 212/248, train_loss: 0.2036, step time: 1.0521
Batch 213/248, train_loss: 0.1933, step time: 1.0509
Batch 214/248, train_loss: 0.0953, step time: 1.0257
Batch 215/248, train_loss: 0.1915, step time: 1.0437
Batch 216/248, train_loss: 0.1725, step time: 1.0541
Batch 217/248, train_loss: 0.2680, step time: 1.0532
Batch 218/248, train_loss: 0.7153, step time: 1.0258
Batch 219/248, train_loss: 0.0834, step time: 1.0493
Batch 220/248, train_loss: 0.2234, step time: 1.0347
Batch 221/248, train_loss: 0.2606, step time: 1.0230
Batch 222/248, train_loss: 0.2350, step time: 1.0494
Batch 223/248, train_loss: 0.0531, step time: 1.0351
Batch 224/248, train_loss: 0.0859, step time: 1.0575
Batch 225/248, train_loss: 0.1879, step time: 1.0482
Batch 226/248, train_loss: 0.1243, step time: 1.0517
Batch 227/248, train_loss: 0.1109, step time: 1.0245
Batch 228/248, train_loss: 0.1626, step time: 1.0390
Batch 229/248, train_loss: 0.1057, step time: 1.0310
Batch 230/248, train_loss: 0.0726, step time: 1.0257
Batch 231/248, train_loss: 0.3174, step time: 1.0470
Batch 232/248, train_loss: 0.0850, step time: 1.0314
Batch 233/248, train_loss: 0.8025, step time: 1.0368
Batch 234/248, train_loss: 0.4347, step time: 1.0344
Batch 235/248, train_loss: 0.2852, step time: 1.0398
Batch 236/248, train_loss: 0.7392, step time: 1.0265
Batch 237/248, train_loss: 0.1466, step time: 1.0465
Batch 238/248, train_loss: 0.1008, step time: 1.0299
Batch 239/248, train_loss: 0.2607, step time: 1.0221

```
Batch 229/248, train_loss: 0.0007, step time: 1.0254
Batch 240/248, train_loss: 0.3056, step time: 1.0292
Batch 241/248, train_loss: 0.6771, step time: 1.0294
Batch 242/248, train_loss: 0.1671, step time: 1.0367
Batch 243/248, train_loss: 0.3761, step time: 1.0496
Batch 244/248, train_loss: 0.3929, step time: 1.0283
Batch 245/248, train_loss: 0.0910, step time: 1.0376
Batch 246/248, train_loss: 0.5638, step time: 1.0490
Batch 247/248, train_loss: 0.0778, step time: 1.0342
Batch 248/248, train_loss: 0.9998, step time: 1.0301
```

Labels



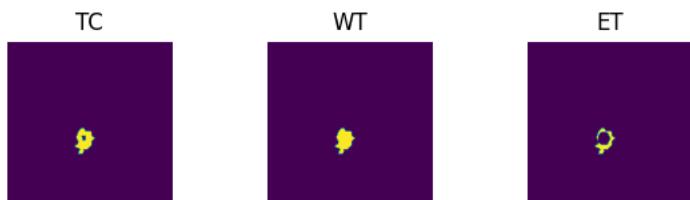
Predictions



VAL

```
Batch 1/31, val_loss: 0.8238
Batch 2/31, val_loss: 0.8621
Batch 3/31, val_loss: 0.9564
Batch 4/31, val_loss: 0.9377
Batch 5/31, val_loss: 0.9827
Batch 6/31, val_loss: 0.6696
Batch 7/31, val_loss: 0.8093
Batch 8/31, val_loss: 0.9440
Batch 9/31, val_loss: 0.6807
Batch 10/31, val_loss: 0.9180
Batch 11/31, val_loss: 0.7776
Batch 12/31, val_loss: 0.9634
Batch 13/31, val_loss: 0.9257
Batch 14/31, val_loss: 0.9342
Batch 15/31, val_loss: 0.9853
Batch 16/31, val_loss: 0.9335
Batch 17/31, val_loss: 0.9561
Batch 18/31, val_loss: 0.9198
Batch 19/31, val_loss: 0.7292
Batch 20/31, val_loss: 0.8491
Batch 21/31, val_loss: 0.9430
Batch 22/31, val_loss: 0.9652
Batch 23/31, val_loss: 0.9546
Batch 24/31, val_loss: 0.7242
Batch 25/31, val_loss: 0.7680
Batch 26/31, val_loss: 0.8843
Batch 27/31, val_loss: 0.9718
Batch 28/31, val_loss: 0.7347
Batch 29/31, val_loss: 0.9788
Batch 30/31, val_loss: 0.9531
Batch 31/31, val_loss: 0.9604
```

Labels



Predictions





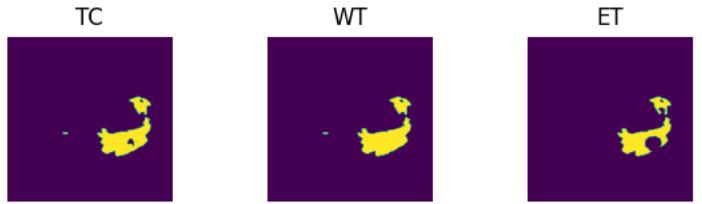
```
epoch 85
average train loss: 0.2487
average validation loss: 0.8838
saved as best model: True
current mean dice: 0.5436
current TC dice: 0.5790
current WT dice: 0.5810
current ET dice: 0.5094
Best Mean Metric: 0.5436
time consuming of epoch 85 is: 1624.1343
-----
epoch 86/100
TRAIN
Batch 1/248, train_loss: 0.0788, step time: 1.0302
Batch 2/248, train_loss: 0.7676, step time: 1.0581
Batch 3/248, train_loss: 0.2898, step time: 1.0262
Batch 4/248, train_loss: 0.9786, step time: 1.0477
Batch 5/248, train_loss: 0.1820, step time: 1.0504
Batch 6/248, train_loss: 0.2017, step time: 1.0505
Batch 7/248, train_loss: 0.0701, step time: 1.0319
Batch 8/248, train_loss: 0.5617, step time: 1.0247
Batch 9/248, train_loss: 0.0442, step time: 1.0264
Batch 10/248, train_loss: 0.2421, step time: 1.0436
Batch 11/248, train_loss: 0.1803, step time: 1.0354
Batch 12/248, train_loss: 0.3150, step time: 1.0394
Batch 13/248, train_loss: 0.2714, step time: 1.2795
Batch 14/248, train_loss: 0.0585, step time: 1.0242
Batch 15/248, train_loss: 0.3313, step time: 1.0345
Batch 16/248, train_loss: 0.1709, step time: 1.0385
Batch 17/248, train_loss: 0.2563, step time: 1.0540
Batch 18/248, train_loss: 0.2868, step time: 1.0261
Batch 19/248, train_loss: 0.1074, step time: 1.0192
Batch 20/248, train_loss: 0.1049, step time: 1.0236
Batch 21/248, train_loss: 0.0603, step time: 1.0193
Batch 22/248, train_loss: 0.4299, step time: 1.0414
Batch 23/248, train_loss: 0.3035, step time: 1.0386
Batch 24/248, train_loss: 0.0981, step time: 1.0210
Batch 25/248, train_loss: 0.0658, step time: 1.0197
Batch 26/248, train_loss: 0.3643, step time: 1.0427
Batch 27/248, train_loss: 0.0801, step time: 1.0336
Batch 28/248, train_loss: 0.1546, step time: 1.0415
Batch 29/248, train_loss: 0.3480, step time: 1.0267
Batch 30/248, train_loss: 0.4639, step time: 1.0459
Batch 31/248, train_loss: 0.3016, step time: 1.0252
Batch 32/248, train_loss: 0.0857, step time: 1.0226
Batch 33/248, train_loss: 0.0663, step time: 1.0455
Batch 34/248, train_loss: 0.0475, step time: 1.0320
Batch 35/248, train_loss: 0.0572, step time: 1.0470
Batch 36/248, train_loss: 0.3400, step time: 1.0270
Batch 37/248, train_loss: 0.1612, step time: 1.0239
Batch 38/248, train_loss: 0.2656, step time: 1.0474
Batch 39/248, train_loss: 0.1813, step time: 1.0267
Batch 40/248, train_loss: 0.5449, step time: 1.0343
Batch 41/248, train_loss: 0.1671, step time: 1.0271
Batch 42/248, train_loss: 0.0856, step time: 1.0241
Batch 43/248, train_loss: 0.0480, step time: 1.0285
Batch 44/248, train_loss: 0.1250, step time: 1.0309
Batch 45/248, train_loss: 0.4390, step time: 1.0261
Batch 46/248, train_loss: 0.1430, step time: 1.0515
Batch 47/248, train_loss: 0.0847, step time: 1.0360
Batch 48/248, train_loss: 0.2008, step time: 1.0300
Batch 49/248, train_loss: 0.3817, step time: 1.0415
Batch 50/248, train_loss: 0.1533, step time: 1.0308
Batch 51/248, train_loss: 0.1390, step time: 1.0189
Batch 52/248, train_loss: 0.1287, step time: 1.0262
Batch 53/248, train_loss: 0.3603, step time: 1.0312
Batch 54/248, train_loss: 0.2803, step time: 1.0458
Batch 55/248, train_loss: 0.2319, step time: 1.0525
Batch 56/248, train_loss: 0.1766, step time: 1.0344
Batch 57/248, train_loss: 0.2370, step time: 1.0279
Batch 58/248, train_loss: 0.0842, step time: 1.0333
Batch 59/248, train_loss: 0.0882, step time: 1.0346
Batch 60/248, train_loss: 0.0662, step time: 1.0484
Batch 61/248, train_loss: 0.0881, step time: 1.0289
Batch 62/248, train_loss: 0.2198, step time: 1.0267
Batch 63/248, train_loss: 0.4460, step time: 1.0530
Batch 64/248, train_loss: 0.3566, step time: 1.0320
Batch 65/248, train_loss: 0.2564, step time: 1.0425
Batch 66/248, train_loss: 0.1255, step time: 1.0396
Batch 67/248, train_loss: 0.0826, step time: 1.0255
Batch 68/248, train_loss: 0.1023, step time: 1.0334
Batch 69/248, train_loss: 0.3320, step time: 1.0442
```

Batch 55/248, train_loss: 0.5520, step time: 1.0112
Batch 70/248, train_loss: 0.1600, step time: 1.0434
Batch 71/248, train_loss: 0.1211, step time: 1.0487
Batch 72/248, train_loss: 0.0625, step time: 1.0189
Batch 73/248, train_loss: 0.0812, step time: 1.0219
Batch 74/248, train_loss: 0.9898, step time: 1.0332
Batch 75/248, train_loss: 0.1391, step time: 1.0331
Batch 76/248, train_loss: 0.4846, step time: 1.0488
Batch 77/248, train_loss: 0.7456, step time: 1.0439
Batch 78/248, train_loss: 0.1171, step time: 1.0248
Batch 79/248, train_loss: 0.1257, step time: 1.0427
Batch 80/248, train_loss: 0.1875, step time: 1.0317
Batch 81/248, train_loss: 0.1868, step time: 1.0291
Batch 82/248, train_loss: 0.1028, step time: 1.0490
Batch 83/248, train_loss: 0.5893, step time: 1.0321
Batch 84/248, train_loss: 0.1970, step time: 1.0374
Batch 85/248, train_loss: 0.3487, step time: 1.0475
Batch 86/248, train_loss: 0.2284, step time: 1.0232
Batch 87/248, train_loss: 0.5092, step time: 1.0434
Batch 88/248, train_loss: 0.3277, step time: 1.0472
Batch 89/248, train_loss: 0.0793, step time: 1.0406
Batch 90/248, train_loss: 0.1741, step time: 1.0448
Batch 91/248, train_loss: 0.3388, step time: 1.0325
Batch 92/248, train_loss: 0.2206, step time: 1.0386
Batch 93/248, train_loss: 0.1689, step time: 1.0257
Batch 94/248, train_loss: 0.2286, step time: 1.0473
Batch 95/248, train_loss: 0.1497, step time: 1.0180
Batch 96/248, train_loss: 0.1630, step time: 1.0363
Batch 97/248, train_loss: 0.3171, step time: 1.0221
Batch 98/248, train_loss: 0.1129, step time: 1.0480
Batch 99/248, train_loss: 0.2819, step time: 1.0243
Batch 100/248, train_loss: 0.2503, step time: 1.0440
Batch 101/248, train_loss: 0.0570, step time: 1.0246
Batch 102/248, train_loss: 0.0959, step time: 1.0161
Batch 103/248, train_loss: 0.2844, step time: 1.0254
Batch 104/248, train_loss: 0.2898, step time: 1.0353
Batch 105/248, train_loss: 0.0835, step time: 1.0376
Batch 106/248, train_loss: 0.1263, step time: 1.0309
Batch 107/248, train_loss: 0.2694, step time: 1.0347
Batch 108/248, train_loss: 0.4538, step time: 1.0527
Batch 109/248, train_loss: 0.3319, step time: 1.0548
Batch 110/248, train_loss: 0.2691, step time: 1.0263
Batch 111/248, train_loss: 0.0974, step time: 1.0452
Batch 112/248, train_loss: 0.1237, step time: 1.0436
Batch 113/248, train_loss: 0.5933, step time: 1.0477
Batch 114/248, train_loss: 0.1390, step time: 1.0437
Batch 115/248, train_loss: 0.1394, step time: 1.0499
Batch 116/248, train_loss: 0.0720, step time: 1.0240
Batch 117/248, train_loss: 0.7458, step time: 1.0362
Batch 118/248, train_loss: 0.1931, step time: 1.0515
Batch 119/248, train_loss: 0.2700, step time: 1.0381
Batch 120/248, train_loss: 0.2371, step time: 1.0293
Batch 121/248, train_loss: 0.3221, step time: 1.0279
Batch 122/248, train_loss: 0.4052, step time: 1.0266
Batch 123/248, train_loss: 0.0671, step time: 1.0369
Batch 124/248, train_loss: 0.2611, step time: 1.0420
Batch 125/248, train_loss: 0.4803, step time: 1.0297
Batch 126/248, train_loss: 0.1622, step time: 1.0338
Batch 127/248, train_loss: 0.1304, step time: 1.0362
Batch 128/248, train_loss: 0.1404, step time: 1.0385
Batch 129/248, train_loss: 0.1027, step time: 1.0262
Batch 130/248, train_loss: 0.0852, step time: 1.0392
Batch 131/248, train_loss: 0.3440, step time: 1.0299
Batch 132/248, train_loss: 0.1609, step time: 1.0368
Batch 133/248, train_loss: 0.1131, step time: 1.0360
Batch 134/248, train_loss: 0.4934, step time: 1.0524
Batch 135/248, train_loss: 0.2107, step time: 1.0491
Batch 136/248, train_loss: 0.1237, step time: 1.0448
Batch 137/248, train_loss: 0.1196, step time: 1.0529
Batch 138/248, train_loss: 0.0722, step time: 1.0330
Batch 139/248, train_loss: 0.1397, step time: 1.0237
Batch 140/248, train_loss: 0.1803, step time: 1.0530
Batch 141/248, train_loss: 0.1693, step time: 1.0310
Batch 142/248, train_loss: 0.4926, step time: 1.0186
Batch 143/248, train_loss: 0.2204, step time: 1.0233
Batch 144/248, train_loss: 0.1407, step time: 1.0400
Batch 145/248, train_loss: 0.0576, step time: 1.0287
Batch 146/248, train_loss: 0.2946, step time: 1.0341
Batch 147/248, train_loss: 0.0510, step time: 1.0494
Batch 148/248, train_loss: 0.4700, step time: 1.0368
Batch 149/248, train_loss: 0.1375, step time: 1.0355
Batch 150/248, train_loss: 0.4937, step time: 1.0221
Batch 151/248, train_loss: 0.2853, step time: 1.0398
Batch 152/248, train_loss: 0.0447, step time: 1.0343
Batch 153/248, train_loss: 0.1757, step time: 1.0357

Batch 154/248, train_loss: 0.5061, step time: 1.0451
Batch 155/248, train_loss: 0.1150, step time: 1.0416
Batch 156/248, train_loss: 0.1657, step time: 1.0285
Batch 157/248, train_loss: 0.3005, step time: 1.0347
Batch 158/248, train_loss: 0.9994, step time: 1.0189
Batch 159/248, train_loss: 0.3489, step time: 1.0333
Batch 160/248, train_loss: 0.0941, step time: 1.0332
Batch 161/248, train_loss: 0.0636, step time: 1.0249
Batch 162/248, train_loss: 0.0734, step time: 1.0357
Batch 163/248, train_loss: 0.1317, step time: 1.0519
Batch 164/248, train_loss: 0.1466, step time: 1.0416
Batch 165/248, train_loss: 0.4212, step time: 1.0278
Batch 166/248, train_loss: 0.0977, step time: 1.0340
Batch 167/248, train_loss: 0.1935, step time: 1.0484
Batch 168/248, train_loss: 0.1522, step time: 1.0283
Batch 169/248, train_loss: 0.1318, step time: 1.0366
Batch 170/248, train_loss: 0.4474, step time: 1.0354
Batch 171/248, train_loss: 0.0843, step time: 1.0474
Batch 172/248, train_loss: 0.4221, step time: 1.0493
Batch 173/248, train_loss: 0.0729, step time: 1.0415
Batch 174/248, train_loss: 0.7861, step time: 1.0476
Batch 175/248, train_loss: 0.1158, step time: 1.0432
Batch 176/248, train_loss: 0.3819, step time: 1.0407
Batch 177/248, train_loss: 0.2547, step time: 1.0540
Batch 178/248, train_loss: 0.1655, step time: 1.0354
Batch 179/248, train_loss: 0.0848, step time: 1.0239
Batch 180/248, train_loss: 0.1677, step time: 1.0450
Batch 181/248, train_loss: 0.0957, step time: 1.0273
Batch 182/248, train_loss: 0.5826, step time: 1.0472
Batch 183/248, train_loss: 0.1063, step time: 1.0367
Batch 184/248, train_loss: 0.2183, step time: 1.0464
Batch 185/248, train_loss: 0.1101, step time: 1.0449
Batch 186/248, train_loss: 0.0854, step time: 1.0394
Batch 187/248, train_loss: 0.1699, step time: 1.0497
Batch 188/248, train_loss: 0.2094, step time: 1.0421
Batch 189/248, train_loss: 0.4391, step time: 1.0335
Batch 190/248, train_loss: 0.1329, step time: 1.0485
Batch 191/248, train_loss: 0.6342, step time: 1.0249
Batch 192/248, train_loss: 0.2029, step time: 1.0211
Batch 193/248, train_loss: 0.2488, step time: 1.0521
Batch 194/248, train_loss: 0.0894, step time: 1.0195
Batch 195/248, train_loss: 0.6307, step time: 1.0293
Batch 196/248, train_loss: 0.9844, step time: 1.0389
Batch 197/248, train_loss: 0.2028, step time: 1.0293
Batch 198/248, train_loss: 0.5489, step time: 1.0400
Batch 199/248, train_loss: 0.1362, step time: 1.0239
Batch 200/248, train_loss: 0.1382, step time: 1.0403
Batch 201/248, train_loss: 0.1330, step time: 1.0261
Batch 202/248, train_loss: 0.3904, step time: 1.0516
Batch 203/248, train_loss: 0.4058, step time: 1.0405
Batch 204/248, train_loss: 0.1271, step time: 1.0261
Batch 205/248, train_loss: 0.2913, step time: 1.0367
Batch 206/248, train_loss: 0.3040, step time: 1.0455
Batch 207/248, train_loss: 0.0889, step time: 1.0269
Batch 208/248, train_loss: 0.2762, step time: 1.0229
Batch 209/248, train_loss: 0.1409, step time: 1.0225
Batch 210/248, train_loss: 0.0707, step time: 1.0415
Batch 211/248, train_loss: 0.0809, step time: 1.0413
Batch 212/248, train_loss: 0.2033, step time: 1.0233
Batch 213/248, train_loss: 0.1719, step time: 1.0410
Batch 214/248, train_loss: 0.0995, step time: 1.0262
Batch 215/248, train_loss: 0.2277, step time: 1.0418
Batch 216/248, train_loss: 0.1998, step time: 1.0476
Batch 217/248, train_loss: 0.2780, step time: 1.0339
Batch 218/248, train_loss: 0.7219, step time: 1.0441
Batch 219/248, train_loss: 0.0865, step time: 1.0300
Batch 220/248, train_loss: 0.2212, step time: 1.0428
Batch 221/248, train_loss: 0.2688, step time: 1.0306
Batch 222/248, train_loss: 0.2138, step time: 1.0330
Batch 223/248, train_loss: 0.0534, step time: 1.0221
Batch 224/248, train_loss: 0.0928, step time: 1.0265
Batch 225/248, train_loss: 0.2186, step time: 1.0276
Batch 226/248, train_loss: 0.1240, step time: 1.0469
Batch 227/248, train_loss: 0.1152, step time: 1.0289
Batch 228/248, train_loss: 0.1673, step time: 1.0266
Batch 229/248, train_loss: 0.1022, step time: 1.0259
Batch 230/248, train_loss: 0.0733, step time: 1.0281
Batch 231/248, train_loss: 0.3212, step time: 1.0385
Batch 232/248, train_loss: 0.0848, step time: 1.0436
Batch 233/248, train_loss: 0.9214, step time: 1.0445
Batch 234/248, train_loss: 0.4397, step time: 1.0450
Batch 235/248, train_loss: 0.2863, step time: 1.0484
Batch 236/248, train_loss: 0.7705, step time: 1.0460
Batch 237/248, train_loss: 0.1473, step time: 1.0335
Batch 238/248, train_loss: 0.0974, step time: 1.0528

```
Batch 239/248, train_loss: 0.0639, step time: 1.0325  
Batch 240/248, train_loss: 0.2777, step time: 1.0456  
Batch 241/248, train_loss: 0.6320, step time: 1.0448  
Batch 242/248, train_loss: 0.1812, step time: 1.0324  
Batch 243/248, train_loss: 0.3293, step time: 1.0464  
Batch 244/248, train_loss: 0.4291, step time: 1.0367  
Batch 245/248, train_loss: 0.0901, step time: 1.0292  
Batch 246/248, train_loss: 0.5582, step time: 1.0453  
Batch 247/248, train_loss: 0.0776, step time: 1.0265  
Batch 248/248, train_loss: 0.9998, step time: 1.0247
```

Labels



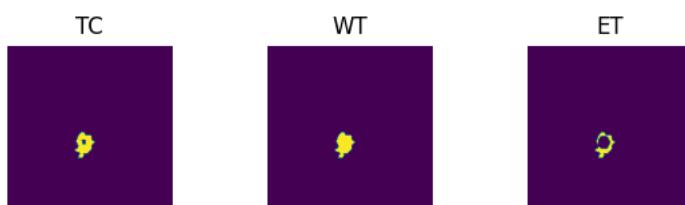
Predictions



VAL

```
Batch 1/31, val_loss: 0.8216  
Batch 2/31, val_loss: 0.8418  
Batch 3/31, val_loss: 0.9532  
Batch 4/31, val_loss: 0.9339  
Batch 5/31, val_loss: 0.9804  
Batch 6/31, val_loss: 0.6693  
Batch 7/31, val_loss: 0.8147  
Batch 8/31, val_loss: 0.9553  
Batch 9/31, val_loss: 0.6794  
Batch 10/31, val_loss: 0.9064  
Batch 11/31, val_loss: 0.7726  
Batch 12/31, val_loss: 0.9615  
Batch 13/31, val_loss: 0.9185  
Batch 14/31, val_loss: 0.9335  
Batch 15/31, val_loss: 0.9823  
Batch 16/31, val_loss: 0.9281  
Batch 17/31, val_loss: 0.9591  
Batch 18/31, val_loss: 0.9244  
Batch 19/31, val_loss: 0.7354  
Batch 20/31, val_loss: 0.8438  
Batch 21/31, val_loss: 0.9147  
Batch 22/31, val_loss: 0.9713  
Batch 23/31, val_loss: 0.9504  
Batch 24/31, val_loss: 0.7212  
Batch 25/31, val_loss: 0.7665  
Batch 26/31, val_loss: 0.8781  
Batch 27/31, val_loss: 0.9704  
Batch 28/31, val_loss: 0.7358  
Batch 29/31, val_loss: 0.9761  
Batch 30/31, val_loss: 0.9550  
Batch 31/31, val_loss: 0.9573
```

Labels



Predictions





```
epoch 86
    average train loss: 0.2472
    average validation loss: 0.8810
    saved as best model: False
    current mean dice: 0.5222
    current TC dice: 0.5562
    current WT dice: 0.5623
    current ET dice: 0.4895
Best Mean Metric: 0.5436
time consuming of epoch 86 is: 1609.9209
```

```
-----
```

```
epoch 87/100
```

```
TRAIN
```

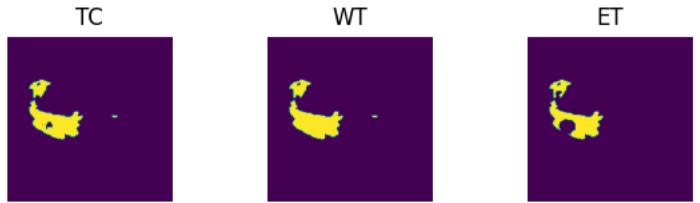
```
Batch 1/248, train_loss: 0.0829, step time: 1.0267
Batch 2/248, train_loss: 0.6295, step time: 1.0316
Batch 3/248, train_loss: 0.3067, step time: 1.0315
Batch 4/248, train_loss: 0.9446, step time: 1.0530
Batch 5/248, train_loss: 0.1857, step time: 1.0443
Batch 6/248, train_loss: 0.2309, step time: 1.0495
Batch 7/248, train_loss: 0.0702, step time: 1.0302
Batch 8/248, train_loss: 0.5318, step time: 1.0340
Batch 9/248, train_loss: 0.0468, step time: 1.0239
Batch 10/248, train_loss: 0.2508, step time: 1.0231
Batch 11/248, train_loss: 0.1912, step time: 1.0419
Batch 12/248, train_loss: 0.2913, step time: 1.0545
Batch 13/248, train_loss: 0.2729, step time: 1.0271
Batch 14/248, train_loss: 0.0966, step time: 1.0373
Batch 15/248, train_loss: 0.3475, step time: 1.0368
Batch 16/248, train_loss: 0.1760, step time: 1.0306
Batch 17/248, train_loss: 0.2486, step time: 1.0387
Batch 18/248, train_loss: 0.2682, step time: 1.0346
Batch 19/248, train_loss: 0.1299, step time: 1.0413
Batch 20/248, train_loss: 0.1026, step time: 1.0413
Batch 21/248, train_loss: 0.0561, step time: 1.0332
Batch 22/248, train_loss: 0.4796, step time: 1.0371
Batch 23/248, train_loss: 0.3140, step time: 1.0409
Batch 24/248, train_loss: 0.0935, step time: 1.0421
Batch 25/248, train_loss: 0.0709, step time: 1.0423
Batch 26/248, train_loss: 0.3683, step time: 1.0283
Batch 27/248, train_loss: 0.0962, step time: 1.0516
Batch 28/248, train_loss: 0.1491, step time: 1.0232
Batch 29/248, train_loss: 0.3349, step time: 1.0371
Batch 30/248, train_loss: 0.2042, step time: 1.0268
Batch 31/248, train_loss: 0.2800, step time: 1.0385
Batch 32/248, train_loss: 0.0930, step time: 1.0279
Batch 33/248, train_loss: 0.0725, step time: 1.0294
Batch 34/248, train_loss: 0.0516, step time: 1.0228
Batch 35/248, train_loss: 0.0601, step time: 1.0307
Batch 36/248, train_loss: 0.4106, step time: 1.0401
Batch 37/248, train_loss: 0.1922, step time: 1.0289
Batch 38/248, train_loss: 0.2640, step time: 1.0262
Batch 39/248, train_loss: 0.1215, step time: 1.0375
Batch 40/248, train_loss: 0.5834, step time: 1.0365
Batch 41/248, train_loss: 0.1606, step time: 1.0411
Batch 42/248, train_loss: 0.0791, step time: 1.0391
Batch 43/248, train_loss: 0.0534, step time: 1.0235
Batch 44/248, train_loss: 0.1266, step time: 1.0467
Batch 45/248, train_loss: 0.4379, step time: 1.0269
Batch 46/248, train_loss: 0.1513, step time: 1.0421
Batch 47/248, train_loss: 0.0797, step time: 1.0178
Batch 48/248, train_loss: 0.2057, step time: 1.0188
Batch 49/248, train_loss: 0.3975, step time: 1.0392
Batch 50/248, train_loss: 0.1526, step time: 1.0426
Batch 51/248, train_loss: 0.1494, step time: 1.0380
Batch 52/248, train_loss: 0.1378, step time: 1.0184
Batch 53/248, train_loss: 0.3731, step time: 1.0324
Batch 54/248, train_loss: 0.2716, step time: 1.0249
Batch 55/248, train_loss: 0.2512, step time: 1.0465
Batch 56/248, train_loss: 0.1976, step time: 1.0399
Batch 57/248, train_loss: 0.2606, step time: 1.0496
Batch 58/248, train_loss: 0.0788, step time: 1.0413
Batch 59/248, train_loss: 0.1006, step time: 1.0521
Batch 60/248, train_loss: 0.0665, step time: 1.0516
Batch 61/248, train_loss: 0.0891, step time: 1.0458
Batch 62/248, train_loss: 0.2313, step time: 1.0308
Batch 63/248, train_loss: 0.4072, step time: 1.0413
Batch 64/248, train_loss: 0.3670, step time: 1.0232
Batch 65/248, train_loss: 0.2524, step time: 1.0269
Batch 66/248, train_loss: 0.1239, step time: 1.0432
Batch 67/248, train_loss: 0.0801, step time: 1.0422
Batch 68/248, train_loss: 0.1041, step time: 1.0414
```

Batch 69/248, train_loss: 0.3630, step time: 1.0327
Batch 70/248, train_loss: 0.1550, step time: 1.0237
Batch 71/248, train_loss: 0.1232, step time: 1.0381
Batch 72/248, train_loss: 0.0641, step time: 1.0222
Batch 73/248, train_loss: 0.0977, step time: 1.0271
Batch 74/248, train_loss: 0.9711, step time: 1.0254
Batch 75/248, train_loss: 0.1391, step time: 1.0386
Batch 76/248, train_loss: 0.4585, step time: 1.0268
Batch 77/248, train_loss: 0.6882, step time: 1.0286
Batch 78/248, train_loss: 0.1086, step time: 1.0385
Batch 79/248, train_loss: 0.1068, step time: 1.0434
Batch 80/248, train_loss: 0.1889, step time: 1.0335
Batch 81/248, train_loss: 0.1787, step time: 1.0430
Batch 82/248, train_loss: 0.1034, step time: 1.0403
Batch 83/248, train_loss: 0.5861, step time: 1.0336
Batch 84/248, train_loss: 0.1959, step time: 1.0236
Batch 85/248, train_loss: 0.3835, step time: 1.0257
Batch 86/248, train_loss: 0.2439, step time: 1.0360
Batch 87/248, train_loss: 0.4916, step time: 1.0274
Batch 88/248, train_loss: 0.3130, step time: 1.0443
Batch 89/248, train_loss: 0.0781, step time: 1.0302
Batch 90/248, train_loss: 0.1721, step time: 1.0345
Batch 91/248, train_loss: 0.3557, step time: 1.0256
Batch 92/248, train_loss: 0.2570, step time: 1.0376
Batch 93/248, train_loss: 0.1586, step time: 1.0416
Batch 94/248, train_loss: 0.2710, step time: 1.0435
Batch 95/248, train_loss: 0.1480, step time: 1.0448
Batch 96/248, train_loss: 0.1586, step time: 1.0453
Batch 97/248, train_loss: 0.2517, step time: 1.0304
Batch 98/248, train_loss: 0.1068, step time: 1.0325
Batch 99/248, train_loss: 0.4201, step time: 1.0289
Batch 100/248, train_loss: 0.2644, step time: 1.0333
Batch 101/248, train_loss: 0.0586, step time: 1.0497
Batch 102/248, train_loss: 0.1003, step time: 1.0498
Batch 103/248, train_loss: 0.3463, step time: 1.0204
Batch 104/248, train_loss: 0.3033, step time: 1.0328
Batch 105/248, train_loss: 0.0832, step time: 1.0262
Batch 106/248, train_loss: 0.1287, step time: 1.0240
Batch 107/248, train_loss: 0.3740, step time: 1.0421
Batch 108/248, train_loss: 0.4176, step time: 1.0464
Batch 109/248, train_loss: 0.3481, step time: 1.0357
Batch 110/248, train_loss: 0.2572, step time: 1.0497
Batch 111/248, train_loss: 0.0995, step time: 1.0260
Batch 112/248, train_loss: 0.1324, step time: 1.0264
Batch 113/248, train_loss: 0.5960, step time: 1.0473
Batch 114/248, train_loss: 0.1461, step time: 1.0385
Batch 115/248, train_loss: 0.1342, step time: 1.0267
Batch 116/248, train_loss: 0.0713, step time: 1.0502
Batch 117/248, train_loss: 0.5788, step time: 1.0425
Batch 118/248, train_loss: 0.1586, step time: 1.0322
Batch 119/248, train_loss: 0.2556, step time: 1.0461
Batch 120/248, train_loss: 0.2195, step time: 1.0313
Batch 121/248, train_loss: 0.3250, step time: 1.0379
Batch 122/248, train_loss: 0.3739, step time: 1.0390
Batch 123/248, train_loss: 0.0631, step time: 1.0537
Batch 124/248, train_loss: 0.2328, step time: 1.0395
Batch 125/248, train_loss: 0.4521, step time: 1.0392
Batch 126/248, train_loss: 0.1805, step time: 1.0408
Batch 127/248, train_loss: 0.1364, step time: 1.0305
Batch 128/248, train_loss: 0.1819, step time: 1.0317
Batch 129/248, train_loss: 0.1038, step time: 1.0418
Batch 130/248, train_loss: 0.0845, step time: 1.0350
Batch 131/248, train_loss: 0.3856, step time: 1.0486
Batch 132/248, train_loss: 0.1796, step time: 1.0366
Batch 133/248, train_loss: 0.1415, step time: 1.0309
Batch 134/248, train_loss: 0.5275, step time: 1.0540
Batch 135/248, train_loss: 0.1913, step time: 1.0265
Batch 136/248, train_loss: 0.1166, step time: 1.0405
Batch 137/248, train_loss: 0.1117, step time: 1.0439
Batch 138/248, train_loss: 0.0781, step time: 1.0260
Batch 139/248, train_loss: 0.1297, step time: 1.0252
Batch 140/248, train_loss: 0.1574, step time: 1.0272
Batch 141/248, train_loss: 0.1589, step time: 1.0265
Batch 142/248, train_loss: 0.5142, step time: 1.0267
Batch 143/248, train_loss: 0.2348, step time: 1.0458
Batch 144/248, train_loss: 0.1399, step time: 1.0329
Batch 145/248, train_loss: 0.0623, step time: 1.0341
Batch 146/248, train_loss: 0.3348, step time: 1.0437
Batch 147/248, train_loss: 0.0495, step time: 1.0442
Batch 148/248, train_loss: 0.5263, step time: 1.0442
Batch 149/248, train_loss: 0.1376, step time: 1.0315
Batch 150/248, train_loss: 0.4971, step time: 1.0493
Batch 151/248, train_loss: 0.2636, step time: 1.0398
Batch 152/248, train_loss: 0.0448, step time: 1.0452
Batch 153/248, train_loss: 0.1825, step time: 1.0356

Batch 154/248, train_loss: 0.5086, step time: 1.0269
Batch 155/248, train_loss: 0.1093, step time: 1.0358
Batch 156/248, train_loss: 0.1569, step time: 1.0266
Batch 157/248, train_loss: 0.3025, step time: 1.0274
Batch 158/248, train_loss: 0.9920, step time: 1.0415
Batch 159/248, train_loss: 0.3311, step time: 1.0278
Batch 160/248, train_loss: 0.0939, step time: 1.0427
Batch 161/248, train_loss: 0.0955, step time: 1.0406
Batch 162/248, train_loss: 0.0818, step time: 1.0271
Batch 163/248, train_loss: 0.1255, step time: 1.0458
Batch 164/248, train_loss: 0.1460, step time: 1.0465
Batch 165/248, train_loss: 0.3779, step time: 1.0286
Batch 166/248, train_loss: 0.1064, step time: 1.0220
Batch 167/248, train_loss: 0.1934, step time: 1.0431
Batch 168/248, train_loss: 0.1579, step time: 1.0332
Batch 169/248, train_loss: 0.1285, step time: 1.0299
Batch 170/248, train_loss: 0.5385, step time: 1.0265
Batch 171/248, train_loss: 0.0793, step time: 1.0228
Batch 172/248, train_loss: 0.4319, step time: 1.0423
Batch 173/248, train_loss: 0.0722, step time: 1.0340
Batch 174/248, train_loss: 0.5350, step time: 1.0406
Batch 175/248, train_loss: 0.1095, step time: 1.0466
Batch 176/248, train_loss: 0.3925, step time: 1.0392
Batch 177/248, train_loss: 0.3355, step time: 1.0332
Batch 178/248, train_loss: 0.1732, step time: 1.0458
Batch 179/248, train_loss: 0.0923, step time: 1.0266
Batch 180/248, train_loss: 0.3415, step time: 1.0327
Batch 181/248, train_loss: 0.1013, step time: 1.0440
Batch 182/248, train_loss: 0.7435, step time: 1.0225
Batch 183/248, train_loss: 0.1113, step time: 1.0462
Batch 184/248, train_loss: 0.1695, step time: 1.0329
Batch 185/248, train_loss: 0.1018, step time: 1.0338
Batch 186/248, train_loss: 0.0965, step time: 1.0330
Batch 187/248, train_loss: 0.1568, step time: 1.0216
Batch 188/248, train_loss: 0.2782, step time: 1.0211
Batch 189/248, train_loss: 0.4888, step time: 1.0346
Batch 190/248, train_loss: 0.1662, step time: 1.0236
Batch 191/248, train_loss: 0.6211, step time: 1.0455
Batch 192/248, train_loss: 0.2914, step time: 1.0443
Batch 193/248, train_loss: 0.2605, step time: 1.0356
Batch 194/248, train_loss: 0.1054, step time: 1.0544
Batch 195/248, train_loss: 0.6174, step time: 1.0500
Batch 196/248, train_loss: 0.9977, step time: 1.0304
Batch 197/248, train_loss: 0.2190, step time: 1.0361
Batch 198/248, train_loss: 0.5907, step time: 1.0534
Batch 199/248, train_loss: 0.1498, step time: 1.0242
Batch 200/248, train_loss: 0.1514, step time: 1.0309
Batch 201/248, train_loss: 0.1484, step time: 1.0413
Batch 202/248, train_loss: 0.4188, step time: 1.0303
Batch 203/248, train_loss: 0.5959, step time: 1.0261
Batch 204/248, train_loss: 0.1471, step time: 1.0525
Batch 205/248, train_loss: 0.3299, step time: 1.0256
Batch 206/248, train_loss: 0.2625, step time: 1.0387
Batch 207/248, train_loss: 0.0755, step time: 1.0360
Batch 208/248, train_loss: 0.1479, step time: 1.0314
Batch 209/248, train_loss: 0.1517, step time: 1.0281
Batch 210/248, train_loss: 0.0805, step time: 1.0432
Batch 211/248, train_loss: 0.0950, step time: 1.0286
Batch 212/248, train_loss: 0.2421, step time: 1.0404
Batch 213/248, train_loss: 0.1931, step time: 1.0290
Batch 214/248, train_loss: 0.0999, step time: 1.0414
Batch 215/248, train_loss: 0.3017, step time: 1.0446
Batch 216/248, train_loss: 0.2147, step time: 1.0479
Batch 217/248, train_loss: 0.2600, step time: 1.0315
Batch 218/248, train_loss: 0.7417, step time: 1.0320
Batch 219/248, train_loss: 0.0944, step time: 1.0493
Batch 220/248, train_loss: 0.2408, step time: 1.0416
Batch 221/248, train_loss: 0.2664, step time: 1.0307
Batch 222/248, train_loss: 0.2266, step time: 1.0396
Batch 223/248, train_loss: 0.0564, step time: 1.0473
Batch 224/248, train_loss: 0.1010, step time: 1.0498
Batch 225/248, train_loss: 0.2386, step time: 1.0293
Batch 226/248, train_loss: 0.2681, step time: 1.0432
Batch 227/248, train_loss: 0.1164, step time: 1.0276
Batch 228/248, train_loss: 0.1480, step time: 1.0352
Batch 229/248, train_loss: 0.1007, step time: 1.0344
Batch 230/248, train_loss: 0.0773, step time: 1.0477
Batch 231/248, train_loss: 0.3025, step time: 1.0403
Batch 232/248, train_loss: 0.0867, step time: 1.0394
Batch 233/248, train_loss: 0.7553, step time: 1.0298
Batch 234/248, train_loss: 0.4823, step time: 1.0427
Batch 235/248, train_loss: 0.2748, step time: 1.0279
Batch 236/248, train_loss: 0.8040, step time: 1.0514
Batch 237/248, train_loss: 0.1414, step time: 1.0414
Batch 238/248, train_loss: 0.0944, step time: 1.0336

```
Batch 239/248, train_loss: 0.0666, step time: 1.0279
Batch 240/248, train_loss: 0.3298, step time: 1.0456
Batch 241/248, train_loss: 0.5743, step time: 1.0372
Batch 242/248, train_loss: 0.1918, step time: 1.0359
Batch 243/248, train_loss: 0.4232, step time: 1.0273
Batch 244/248, train_loss: 0.3826, step time: 1.0310
Batch 245/248, train_loss: 0.0958, step time: 1.0487
Batch 246/248, train_loss: 0.6049, step time: 1.0313
Batch 247/248, train_loss: 0.0922, step time: 1.0392
Batch 248/248, train_loss: 0.9997, step time: 1.0241
```

Labels



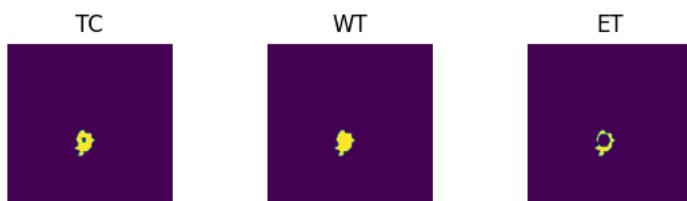
Predictions



VAL

```
Batch 1/31, val_loss: 0.8167
Batch 2/31, val_loss: 0.8362
Batch 3/31, val_loss: 0.9553
Batch 4/31, val_loss: 0.9378
Batch 5/31, val_loss: 0.9782
Batch 6/31, val_loss: 0.6674
Batch 7/31, val_loss: 0.8245
Batch 8/31, val_loss: 0.9420
Batch 9/31, val_loss: 0.6788
Batch 10/31, val_loss: 0.9650
Batch 11/31, val_loss: 0.7708
Batch 12/31, val_loss: 0.9622
Batch 13/31, val_loss: 0.9549
Batch 14/31, val_loss: 0.9339
Batch 15/31, val_loss: 0.9809
Batch 16/31, val_loss: 0.9213
Batch 17/31, val_loss: 0.9548
Batch 18/31, val_loss: 0.9191
Batch 19/31, val_loss: 0.7263
Batch 20/31, val_loss: 0.8743
Batch 21/31, val_loss: 0.9383
Batch 22/31, val_loss: 0.9694
Batch 23/31, val_loss: 0.9571
Batch 24/31, val_loss: 0.7195
Batch 25/31, val_loss: 0.7620
Batch 26/31, val_loss: 0.8725
Batch 27/31, val_loss: 0.9676
Batch 28/31, val_loss: 0.7323
Batch 29/31, val_loss: 0.9750
Batch 30/31, val_loss: 0.9480
Batch 31/31, val_loss: 0.9546
```

Labels



Predictions





```
epoch 87
average train loss: 0.2515
average validation loss: 0.8838
saved as best model: False
current mean dice: 0.5024
current TC dice: 0.5339
current WT dice: 0.5359
current ET dice: 0.4697
Best Mean Metric: 0.5436
time consuming of epoch 87 is: 1637.2152
-----
```

```
epoch 88/100
```

```
TRAIN
```

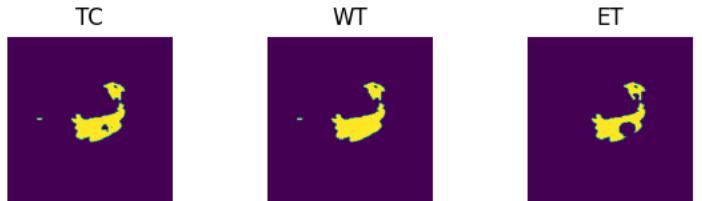
```
Batch 1/248, train_loss: 0.0941, step time: 1.0506
Batch 2/248, train_loss: 0.7547, step time: 1.0361
Batch 3/248, train_loss: 0.3140, step time: 1.0490
Batch 4/248, train_loss: 0.9994, step time: 1.0464
Batch 5/248, train_loss: 0.2340, step time: 1.0322
Batch 6/248, train_loss: 0.2364, step time: 1.0402
Batch 7/248, train_loss: 0.0722, step time: 1.0442
Batch 8/248, train_loss: 0.5136, step time: 1.0397
Batch 9/248, train_loss: 0.0465, step time: 1.0495
Batch 10/248, train_loss: 0.2624, step time: 1.0344
Batch 11/248, train_loss: 0.2187, step time: 1.0255
Batch 12/248, train_loss: 0.3169, step time: 1.0321
Batch 13/248, train_loss: 0.2929, step time: 1.0479
Batch 14/248, train_loss: 0.0645, step time: 1.0288
Batch 15/248, train_loss: 0.3676, step time: 1.0316
Batch 16/248, train_loss: 0.2082, step time: 1.0207
Batch 17/248, train_loss: 0.2648, step time: 1.0432
Batch 18/248, train_loss: 0.3480, step time: 1.0356
Batch 19/248, train_loss: 0.1494, step time: 1.0376
Batch 20/248, train_loss: 0.0988, step time: 1.0462
Batch 21/248, train_loss: 0.0593, step time: 1.0480
Batch 22/248, train_loss: 0.4009, step time: 1.0391
Batch 23/248, train_loss: 0.3342, step time: 1.0358
Batch 24/248, train_loss: 0.0933, step time: 1.0250
Batch 25/248, train_loss: 0.0955, step time: 1.0444
Batch 26/248, train_loss: 0.3844, step time: 1.0495
Batch 27/248, train_loss: 0.1149, step time: 1.0591
Batch 28/248, train_loss: 0.1680, step time: 1.0350
Batch 29/248, train_loss: 0.3381, step time: 1.0581
Batch 30/248, train_loss: 0.2028, step time: 1.0306
Batch 31/248, train_loss: 0.3127, step time: 1.0337
Batch 32/248, train_loss: 0.1096, step time: 1.0278
Batch 33/248, train_loss: 0.0757, step time: 1.0306
Batch 34/248, train_loss: 0.0493, step time: 1.0306
Batch 35/248, train_loss: 0.0585, step time: 1.0467
Batch 36/248, train_loss: 0.3498, step time: 1.0227
Batch 37/248, train_loss: 0.1768, step time: 1.0323
Batch 38/248, train_loss: 0.2759, step time: 1.0285
Batch 39/248, train_loss: 0.1351, step time: 1.0258
Batch 40/248, train_loss: 0.5742, step time: 1.0250
Batch 41/248, train_loss: 0.2475, step time: 1.0487
Batch 42/248, train_loss: 0.0822, step time: 1.0325
Batch 43/248, train_loss: 0.0526, step time: 1.0335
Batch 44/248, train_loss: 0.1150, step time: 1.0213
Batch 45/248, train_loss: 0.4831, step time: 1.0511
Batch 46/248, train_loss: 0.1682, step time: 1.0267
Batch 47/248, train_loss: 0.0876, step time: 1.0362
Batch 48/248, train_loss: 0.2045, step time: 1.0397
Batch 49/248, train_loss: 0.3971, step time: 1.0417
Batch 50/248, train_loss: 0.1551, step time: 1.0454
Batch 51/248, train_loss: 0.1445, step time: 1.0421
Batch 52/248, train_loss: 0.1208, step time: 1.0303
Batch 53/248, train_loss: 0.3599, step time: 1.0267
Batch 54/248, train_loss: 0.2757, step time: 1.0304
Batch 55/248, train_loss: 0.2978, step time: 1.0552
Batch 56/248, train_loss: 0.1895, step time: 1.0488
Batch 57/248, train_loss: 0.2487, step time: 1.0411
Batch 58/248, train_loss: 0.0863, step time: 1.0296
Batch 59/248, train_loss: 0.0915, step time: 1.0440
Batch 60/248, train_loss: 0.0720, step time: 1.0366
Batch 61/248, train_loss: 0.0887, step time: 1.0460
Batch 62/248, train_loss: 0.2320, step time: 1.0465
Batch 63/248, train_loss: 0.4412, step time: 1.0314
Batch 64/248, train_loss: 0.3752, step time: 1.0514
Batch 65/248, train_loss: 0.2486, step time: 1.0321
Batch 66/248, train_loss: 0.1184, step time: 1.0269
Batch 67/248, train_loss: 0.0825, step time: 1.0415
Batch 68/248, train_loss: 0.1166, step time: 1.0454
```

Batch 69/248, train_loss: 0.3619, step time: 1.0541
Batch 70/248, train_loss: 0.1611, step time: 1.0559
Batch 71/248, train_loss: 0.1514, step time: 1.0342
Batch 72/248, train_loss: 0.0605, step time: 1.0237
Batch 73/248, train_loss: 0.2733, step time: 1.0252
Batch 74/248, train_loss: 0.9900, step time: 1.0252
Batch 75/248, train_loss: 0.1351, step time: 1.0447
Batch 76/248, train_loss: 0.4886, step time: 1.0248
Batch 77/248, train_loss: 0.7096, step time: 1.0517
Batch 78/248, train_loss: 0.1447, step time: 1.0513
Batch 79/248, train_loss: 0.1739, step time: 1.0362
Batch 80/248, train_loss: 0.2119, step time: 1.0394
Batch 81/248, train_loss: 0.1817, step time: 1.0323
Batch 82/248, train_loss: 0.1039, step time: 1.0337
Batch 83/248, train_loss: 0.5928, step time: 1.0291
Batch 84/248, train_loss: 0.1881, step time: 1.0508
Batch 85/248, train_loss: 0.4768, step time: 1.0505
Batch 86/248, train_loss: 0.2865, step time: 1.0294
Batch 87/248, train_loss: 0.5792, step time: 1.0302
Batch 88/248, train_loss: 0.3238, step time: 1.0393
Batch 89/248, train_loss: 0.0785, step time: 1.0385
Batch 90/248, train_loss: 0.1701, step time: 1.0365
Batch 91/248, train_loss: 0.3315, step time: 1.0511
Batch 92/248, train_loss: 0.2379, step time: 1.0431
Batch 93/248, train_loss: 0.1649, step time: 1.0525
Batch 94/248, train_loss: 0.2811, step time: 1.0407
Batch 95/248, train_loss: 0.1569, step time: 1.0378
Batch 96/248, train_loss: 0.1761, step time: 1.0239
Batch 97/248, train_loss: 0.2960, step time: 1.0486
Batch 98/248, train_loss: 0.1119, step time: 1.0388
Batch 99/248, train_loss: 0.2986, step time: 1.0482
Batch 100/248, train_loss: 0.3216, step time: 1.0421
Batch 101/248, train_loss: 0.0549, step time: 1.0471
Batch 102/248, train_loss: 0.0999, step time: 1.0229
Batch 103/248, train_loss: 0.2993, step time: 1.0377
Batch 104/248, train_loss: 0.2990, step time: 1.0282
Batch 105/248, train_loss: 0.0855, step time: 1.0206
Batch 106/248, train_loss: 0.1251, step time: 1.0355
Batch 107/248, train_loss: 0.2478, step time: 1.0226
Batch 108/248, train_loss: 0.4698, step time: 1.0204
Batch 109/248, train_loss: 0.9654, step time: 1.0254
Batch 110/248, train_loss: 0.2538, step time: 1.0227
Batch 111/248, train_loss: 0.0925, step time: 1.0133
Batch 112/248, train_loss: 0.1079, step time: 1.0253
Batch 113/248, train_loss: 0.8809, step time: 1.0292
Batch 114/248, train_loss: 0.1370, step time: 1.0156
Batch 115/248, train_loss: 0.1305, step time: 1.0157
Batch 116/248, train_loss: 0.0760, step time: 1.0140
Batch 117/248, train_loss: 0.5590, step time: 1.0197
Batch 118/248, train_loss: 0.2927, step time: 1.0222
Batch 119/248, train_loss: 0.2738, step time: 1.0195
Batch 120/248, train_loss: 0.2364, step time: 1.0132
Batch 121/248, train_loss: 0.3211, step time: 1.0355
Batch 122/248, train_loss: 0.3655, step time: 1.0106
Batch 123/248, train_loss: 0.0645, step time: 1.0259
Batch 124/248, train_loss: 0.2436, step time: 1.0300
Batch 125/248, train_loss: 0.4765, step time: 1.0112
Batch 126/248, train_loss: 0.2065, step time: 1.0208
Batch 127/248, train_loss: 0.1264, step time: 1.0293
Batch 128/248, train_loss: 0.1774, step time: 1.0192
Batch 129/248, train_loss: 0.0929, step time: 1.0108
Batch 130/248, train_loss: 0.0843, step time: 1.0094
Batch 131/248, train_loss: 0.4419, step time: 1.0117
Batch 132/248, train_loss: 0.2446, step time: 1.0139
Batch 133/248, train_loss: 0.1311, step time: 1.0268
Batch 134/248, train_loss: 0.5672, step time: 1.0256
Batch 135/248, train_loss: 0.2240, step time: 1.0134
Batch 136/248, train_loss: 0.1377, step time: 1.0067
Batch 137/248, train_loss: 0.1139, step time: 1.0205
Batch 138/248, train_loss: 0.0688, step time: 1.0283
Batch 139/248, train_loss: 0.2052, step time: 1.0305
Batch 140/248, train_loss: 0.1681, step time: 1.0173
Batch 141/248, train_loss: 0.1558, step time: 1.0078
Batch 142/248, train_loss: 0.5236, step time: 1.0100
Batch 143/248, train_loss: 0.2276, step time: 1.0101
Batch 144/248, train_loss: 0.1433, step time: 1.0103
Batch 145/248, train_loss: 0.0538, step time: 1.0309
Batch 146/248, train_loss: 0.3197, step time: 1.0306
Batch 147/248, train_loss: 0.0489, step time: 1.0036
Batch 148/248, train_loss: 0.4889, step time: 1.0323
Batch 149/248, train_loss: 0.1479, step time: 1.0265
Batch 150/248, train_loss: 0.5209, step time: 1.0125
Batch 151/248, train_loss: 0.2664, step time: 1.0186
Batch 152/248, train_loss: 0.0444, step time: 1.0049
Batch 153/248, train_loss: 0.1676, step time: 1.0070

Batch 125/248, train_loss: 0.1070, step time: 1.0007
Batch 154/248, train_loss: 0.5061, step time: 1.0226
Batch 155/248, train_loss: 0.1072, step time: 1.0039
Batch 156/248, train_loss: 0.1442, step time: 1.0307
Batch 157/248, train_loss: 0.3032, step time: 1.0132
Batch 158/248, train_loss: 0.9954, step time: 1.0187
Batch 159/248, train_loss: 0.3130, step time: 1.0225
Batch 160/248, train_loss: 0.0933, step time: 1.0272
Batch 161/248, train_loss: 0.0721, step time: 1.0074
Batch 162/248, train_loss: 0.0725, step time: 1.0027
Batch 163/248, train_loss: 0.1296, step time: 1.0063
Batch 164/248, train_loss: 0.1596, step time: 1.0020
Batch 165/248, train_loss: 0.3898, step time: 1.0173
Batch 166/248, train_loss: 0.0858, step time: 1.0154
Batch 167/248, train_loss: 0.1900, step time: 1.0284
Batch 168/248, train_loss: 0.1596, step time: 1.0126
Batch 169/248, train_loss: 0.1284, step time: 1.0082
Batch 170/248, train_loss: 0.4763, step time: 1.0104
Batch 171/248, train_loss: 0.0788, step time: 1.0089
Batch 172/248, train_loss: 0.4584, step time: 1.0249
Batch 173/248, train_loss: 0.0724, step time: 1.0115
Batch 174/248, train_loss: 0.7138, step time: 1.0114
Batch 175/248, train_loss: 0.1056, step time: 1.0041
Batch 176/248, train_loss: 0.3903, step time: 1.0193
Batch 177/248, train_loss: 0.2487, step time: 1.0104
Batch 178/248, train_loss: 0.1681, step time: 1.0033
Batch 179/248, train_loss: 0.0830, step time: 1.0096
Batch 180/248, train_loss: 0.3613, step time: 1.0155
Batch 181/248, train_loss: 0.0869, step time: 1.0260
Batch 182/248, train_loss: 0.8373, step time: 1.0109
Batch 183/248, train_loss: 0.1246, step time: 1.0161
Batch 184/248, train_loss: 0.2102, step time: 1.0302
Batch 185/248, train_loss: 0.1155, step time: 1.0121
Batch 186/248, train_loss: 0.0928, step time: 1.0112
Batch 187/248, train_loss: 0.1672, step time: 1.0178
Batch 188/248, train_loss: 0.2053, step time: 1.0141
Batch 189/248, train_loss: 0.4301, step time: 1.0220
Batch 190/248, train_loss: 0.1301, step time: 1.0106
Batch 191/248, train_loss: 0.6275, step time: 1.0042
Batch 192/248, train_loss: 0.2113, step time: 1.0086
Batch 193/248, train_loss: 0.2596, step time: 1.0264
Batch 194/248, train_loss: 0.0903, step time: 1.0085
Batch 195/248, train_loss: 0.6334, step time: 1.0043
Batch 196/248, train_loss: 0.9836, step time: 1.0045
Batch 197/248, train_loss: 0.2287, step time: 1.0060
Batch 198/248, train_loss: 0.5219, step time: 1.0108
Batch 199/248, train_loss: 0.1384, step time: 1.0223
Batch 200/248, train_loss: 0.1495, step time: 1.0035
Batch 201/248, train_loss: 0.1240, step time: 1.0071
Batch 202/248, train_loss: 0.3953, step time: 1.0079
Batch 203/248, train_loss: 0.3568, step time: 1.0146
Batch 204/248, train_loss: 0.1238, step time: 1.0038
Batch 205/248, train_loss: 0.3087, step time: 1.0150
Batch 206/248, train_loss: 0.2229, step time: 1.0218
Batch 207/248, train_loss: 0.0879, step time: 1.0051
Batch 208/248, train_loss: 0.1576, step time: 1.0045
Batch 209/248, train_loss: 0.1383, step time: 1.0094
Batch 210/248, train_loss: 0.0691, step time: 1.0092
Batch 211/248, train_loss: 0.0847, step time: 1.0072
Batch 212/248, train_loss: 0.2122, step time: 1.0242
Batch 213/248, train_loss: 0.1584, step time: 1.0045
Batch 214/248, train_loss: 0.0939, step time: 1.0207
Batch 215/248, train_loss: 0.2262, step time: 1.0175
Batch 216/248, train_loss: 0.1707, step time: 1.0217
Batch 217/248, train_loss: 0.2691, step time: 1.0275
Batch 218/248, train_loss: 0.7274, step time: 1.0335
Batch 219/248, train_loss: 0.0900, step time: 1.0297
Batch 220/248, train_loss: 0.2175, step time: 1.0151
Batch 221/248, train_loss: 0.2688, step time: 1.0109
Batch 222/248, train_loss: 0.2063, step time: 1.0281
Batch 223/248, train_loss: 0.0527, step time: 1.0151
Batch 224/248, train_loss: 0.0874, step time: 1.0081
Batch 225/248, train_loss: 0.1893, step time: 1.0170
Batch 226/248, train_loss: 0.1258, step time: 1.0143
Batch 227/248, train_loss: 0.1046, step time: 1.0143
Batch 228/248, train_loss: 0.1577, step time: 1.0198
Batch 229/248, train_loss: 0.0963, step time: 1.0217
Batch 230/248, train_loss: 0.0725, step time: 1.0114
Batch 231/248, train_loss: 0.3075, step time: 1.0246
Batch 232/248, train_loss: 0.0811, step time: 1.0382
Batch 233/248, train_loss: 0.7703, step time: 1.0166
Batch 234/248, train_loss: 0.4378, step time: 1.0191
Batch 235/248, train_loss: 0.2725, step time: 1.0359
Batch 236/248, train_loss: 0.7619, step time: 1.0341
Batch 237/248, train_loss: 0.1438, step time: 1.0200

```
Batch 238/248, train_loss: 0.0992, step time: 1.0505
Batch 239/248, train_loss: 0.0646, step time: 1.0426
Batch 240/248, train_loss: 0.2658, step time: 1.0185
Batch 241/248, train_loss: 0.7125, step time: 1.0330
Batch 242/248, train_loss: 0.1813, step time: 1.0302
Batch 243/248, train_loss: 0.3808, step time: 1.0266
Batch 244/248, train_loss: 0.3907, step time: 1.0334
Batch 245/248, train_loss: 0.0943, step time: 1.0202
Batch 246/248, train_loss: 0.5437, step time: 1.0519
Batch 247/248, train_loss: 0.0800, step time: 1.0429
Batch 248/248, train_loss: 0.9999, step time: 1.0416
```

Labels



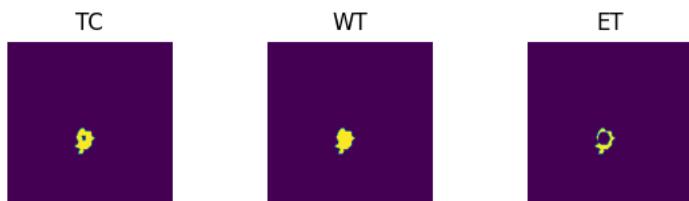
Predictions



VAL

```
Batch 1/31, val_loss: 0.8143
Batch 2/31, val_loss: 0.8359
Batch 3/31, val_loss: 0.9586
Batch 4/31, val_loss: 0.9370
Batch 5/31, val_loss: 0.9785
Batch 6/31, val_loss: 0.6686
Batch 7/31, val_loss: 0.8120
Batch 8/31, val_loss: 0.9518
Batch 9/31, val_loss: 0.6789
Batch 10/31, val_loss: 0.9176
Batch 11/31, val_loss: 0.7700
Batch 12/31, val_loss: 0.9589
Batch 13/31, val_loss: 0.9187
Batch 14/31, val_loss: 0.9275
Batch 15/31, val_loss: 0.9815
Batch 16/31, val_loss: 0.9224
Batch 17/31, val_loss: 0.9562
Batch 18/31, val_loss: 0.9218
Batch 19/31, val_loss: 0.7284
Batch 20/31, val_loss: 0.8442
Batch 21/31, val_loss: 0.9409
Batch 22/31, val_loss: 0.9713
Batch 23/31, val_loss: 0.9533
Batch 24/31, val_loss: 0.7187
Batch 25/31, val_loss: 0.7586
Batch 26/31, val_loss: 0.8711
Batch 27/31, val_loss: 0.9690
Batch 28/31, val_loss: 0.7327
Batch 29/31, val_loss: 0.9762
Batch 30/31, val_loss: 0.9619
Batch 31/31, val_loss: 0.9556
```

Labels



Predictions





```
epoch 88
average train loss: 0.2567
average validation loss: 0.8804
saved as best model: False
current mean dice: 0.5235
current TC dice: 0.5561
current WT dice: 0.5572
current ET dice: 0.4974
Best Mean Metric: 0.5436
time consuming of epoch 88 is: 1627.4372
-----
```

```
epoch 89/100
```

```
TRAIN
```

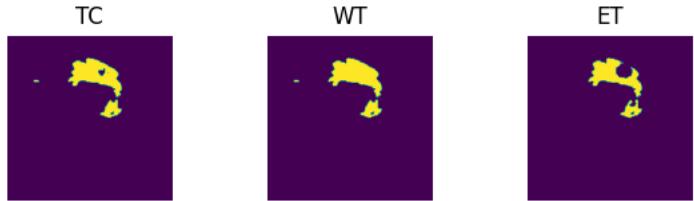
```
Batch 1/248, train_loss: 0.0783, step time: 1.0417
Batch 2/248, train_loss: 0.6718, step time: 1.0402
Batch 3/248, train_loss: 0.3093, step time: 1.0293
Batch 4/248, train_loss: 0.9791, step time: 1.0190
Batch 5/248, train_loss: 0.2107, step time: 1.0324
Batch 6/248, train_loss: 0.1763, step time: 1.0505
Batch 7/248, train_loss: 0.0698, step time: 1.0495
Batch 8/248, train_loss: 0.4908, step time: 1.0358
Batch 9/248, train_loss: 0.0475, step time: 1.0462
Batch 10/248, train_loss: 0.2427, step time: 1.0336
Batch 11/248, train_loss: 0.1874, step time: 1.0504
Batch 12/248, train_loss: 0.3116, step time: 1.0385
Batch 13/248, train_loss: 0.2646, step time: 1.0426
Batch 14/248, train_loss: 0.0558, step time: 1.0227
Batch 15/248, train_loss: 0.3632, step time: 1.0540
Batch 16/248, train_loss: 0.1597, step time: 1.0349
Batch 17/248, train_loss: 0.2389, step time: 1.0264
Batch 18/248, train_loss: 0.2800, step time: 1.0450
Batch 19/248, train_loss: 0.1025, step time: 1.0401
Batch 20/248, train_loss: 0.1052, step time: 1.0348
Batch 21/248, train_loss: 0.0604, step time: 1.0351
Batch 22/248, train_loss: 0.5549, step time: 1.0381
Batch 23/248, train_loss: 0.2896, step time: 1.0531
Batch 24/248, train_loss: 0.0948, step time: 1.0498
Batch 25/248, train_loss: 0.0663, step time: 1.0537
Batch 26/248, train_loss: 0.4425, step time: 1.0335
Batch 27/248, train_loss: 0.0786, step time: 1.0420
Batch 28/248, train_loss: 0.1752, step time: 1.0390
Batch 29/248, train_loss: 0.3626, step time: 1.0299
Batch 30/248, train_loss: 0.1995, step time: 1.0490
Batch 31/248, train_loss: 0.2912, step time: 1.0458
Batch 32/248, train_loss: 0.0847, step time: 1.0289
Batch 33/248, train_loss: 0.0699, step time: 1.0302
Batch 34/248, train_loss: 0.0507, step time: 1.0464
Batch 35/248, train_loss: 0.0508, step time: 1.0344
Batch 36/248, train_loss: 0.3393, step time: 1.0479
Batch 37/248, train_loss: 0.1578, step time: 1.0343
Batch 38/248, train_loss: 0.2487, step time: 1.0276
Batch 39/248, train_loss: 0.1289, step time: 1.0401
Batch 40/248, train_loss: 0.6218, step time: 1.0431
Batch 41/248, train_loss: 0.1671, step time: 1.0429
Batch 42/248, train_loss: 0.0851, step time: 1.0227
Batch 43/248, train_loss: 0.0528, step time: 1.0471
Batch 44/248, train_loss: 0.1327, step time: 1.0325
Batch 45/248, train_loss: 0.4374, step time: 1.0228
Batch 46/248, train_loss: 0.1363, step time: 1.0545
Batch 47/248, train_loss: 0.0821, step time: 1.0375
Batch 48/248, train_loss: 0.1914, step time: 1.0482
Batch 49/248, train_loss: 0.4183, step time: 1.0340
Batch 50/248, train_loss: 0.1701, step time: 1.0330
Batch 51/248, train_loss: 0.1525, step time: 1.0279
Batch 52/248, train_loss: 0.1444, step time: 1.0330
Batch 53/248, train_loss: 0.3869, step time: 1.0566
Batch 54/248, train_loss: 0.2744, step time: 1.0432
Batch 55/248, train_loss: 0.2599, step time: 1.0383
Batch 56/248, train_loss: 0.1873, step time: 1.0387
Batch 57/248, train_loss: 0.2522, step time: 1.0522
Batch 58/248, train_loss: 0.0795, step time: 1.0384
Batch 59/248, train_loss: 0.0945, step time: 1.0381
Batch 60/248, train_loss: 0.0669, step time: 1.0253
Batch 61/248, train_loss: 0.0827, step time: 1.0199
Batch 62/248, train_loss: 0.2198, step time: 1.0414
Batch 63/248, train_loss: 0.4454, step time: 1.0288
Batch 64/248, train_loss: 0.3740, step time: 1.0235
Batch 65/248, train_loss: 0.2838, step time: 1.0515
Batch 66/248, train_loss: 0.1212, step time: 1.0413
Batch 67/248, train_loss: 0.0802, step time: 1.0235
Batch 68/248, train_loss: 0.0081, step time: 1.0121
```

Batch 55/248, train_loss: 0.0501, step time: 1.0751
Batch 69/248, train_loss: 0.4004, step time: 1.0421
Batch 70/248, train_loss: 0.1604, step time: 1.0385
Batch 71/248, train_loss: 0.1360, step time: 1.0568
Batch 72/248, train_loss: 0.0583, step time: 1.0496
Batch 73/248, train_loss: 0.1040, step time: 1.0278
Batch 74/248, train_loss: 0.9885, step time: 1.0446
Batch 75/248, train_loss: 0.1347, step time: 1.0309
Batch 76/248, train_loss: 0.4984, step time: 1.0399
Batch 77/248, train_loss: 0.6714, step time: 1.0264
Batch 78/248, train_loss: 0.1195, step time: 1.0266
Batch 79/248, train_loss: 0.1085, step time: 1.0535
Batch 80/248, train_loss: 0.1881, step time: 1.0271
Batch 81/248, train_loss: 0.1852, step time: 1.0297
Batch 82/248, train_loss: 0.1026, step time: 1.0434
Batch 83/248, train_loss: 0.5882, step time: 1.0284
Batch 84/248, train_loss: 0.2095, step time: 1.0523
Batch 85/248, train_loss: 0.4580, step time: 1.0293
Batch 86/248, train_loss: 0.2419, step time: 1.0214
Batch 87/248, train_loss: 0.4898, step time: 1.0212
Batch 88/248, train_loss: 0.3048, step time: 1.0361
Batch 89/248, train_loss: 0.0761, step time: 1.0453
Batch 90/248, train_loss: 0.1598, step time: 1.0410
Batch 91/248, train_loss: 0.3369, step time: 1.0355
Batch 92/248, train_loss: 0.2396, step time: 1.0232
Batch 93/248, train_loss: 0.1727, step time: 1.0284
Batch 94/248, train_loss: 0.2826, step time: 1.0279
Batch 95/248, train_loss: 0.1390, step time: 1.0312
Batch 96/248, train_loss: 0.1535, step time: 1.0324
Batch 97/248, train_loss: 0.3382, step time: 1.0324
Batch 98/248, train_loss: 0.1085, step time: 1.0433
Batch 99/248, train_loss: 0.2848, step time: 1.0447
Batch 100/248, train_loss: 0.2575, step time: 1.0396
Batch 101/248, train_loss: 0.0571, step time: 1.0440
Batch 102/248, train_loss: 0.0996, step time: 1.0234
Batch 103/248, train_loss: 0.3110, step time: 1.0421
Batch 104/248, train_loss: 0.2991, step time: 1.0299
Batch 105/248, train_loss: 0.0861, step time: 1.0305
Batch 106/248, train_loss: 0.1258, step time: 1.0368
Batch 107/248, train_loss: 0.2278, step time: 1.0376
Batch 108/248, train_loss: 0.4246, step time: 1.0376
Batch 109/248, train_loss: 0.3542, step time: 1.0313
Batch 110/248, train_loss: 0.2467, step time: 1.0325
Batch 111/248, train_loss: 0.0944, step time: 1.0464
Batch 112/248, train_loss: 0.0983, step time: 1.0237
Batch 113/248, train_loss: 0.5427, step time: 1.0358
Batch 114/248, train_loss: 0.1374, step time: 1.0504
Batch 115/248, train_loss: 0.1442, step time: 1.4406
Batch 116/248, train_loss: 0.0761, step time: 1.0232
Batch 117/248, train_loss: 0.7232, step time: 1.0264
Batch 118/248, train_loss: 0.1776, step time: 1.0233
Batch 119/248, train_loss: 0.2631, step time: 1.0377
Batch 120/248, train_loss: 0.2398, step time: 1.0389
Batch 121/248, train_loss: 0.3183, step time: 1.0495
Batch 122/248, train_loss: 0.3752, step time: 1.0362
Batch 123/248, train_loss: 0.0627, step time: 1.0310
Batch 124/248, train_loss: 0.2387, step time: 1.0337
Batch 125/248, train_loss: 0.4427, step time: 1.0299
Batch 126/248, train_loss: 0.1589, step time: 1.0254
Batch 127/248, train_loss: 0.1235, step time: 1.0328
Batch 128/248, train_loss: 0.1715, step time: 1.0264
Batch 129/248, train_loss: 0.0999, step time: 1.0359
Batch 130/248, train_loss: 0.0856, step time: 1.0480
Batch 131/248, train_loss: 0.3570, step time: 1.0525
Batch 132/248, train_loss: 0.1625, step time: 1.0372
Batch 133/248, train_loss: 0.1451, step time: 1.0263
Batch 134/248, train_loss: 0.4801, step time: 1.0361
Batch 135/248, train_loss: 0.2103, step time: 1.0284
Batch 136/248, train_loss: 0.1143, step time: 1.0457
Batch 137/248, train_loss: 0.1281, step time: 1.0334
Batch 138/248, train_loss: 0.0699, step time: 1.0488
Batch 139/248, train_loss: 0.1490, step time: 1.0488
Batch 140/248, train_loss: 0.1581, step time: 1.0557
Batch 141/248, train_loss: 0.1649, step time: 1.0352
Batch 142/248, train_loss: 0.5187, step time: 1.0379
Batch 143/248, train_loss: 0.2792, step time: 1.0400
Batch 144/248, train_loss: 0.1389, step time: 1.0302
Batch 145/248, train_loss: 0.0546, step time: 1.0348
Batch 146/248, train_loss: 0.2888, step time: 1.0220
Batch 147/248, train_loss: 0.0490, step time: 1.0467
Batch 148/248, train_loss: 0.4597, step time: 1.0266
Batch 149/248, train_loss: 0.1347, step time: 1.0292
Batch 150/248, train_loss: 0.4395, step time: 1.0414
Batch 151/248, train_loss: 0.2633, step time: 1.0269
Batch 152/248, train_loss: 0.0430, step time: 1.0228
.....

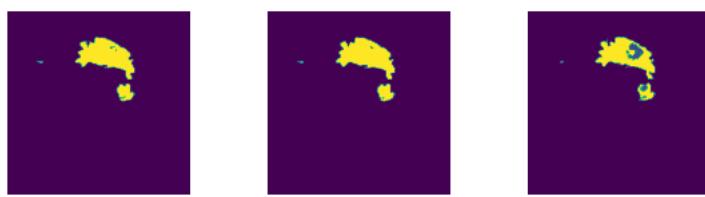
Batch 153/248, train_loss: 0.1831, step time: 1.0446
Batch 154/248, train_loss: 0.5924, step time: 1.0424
Batch 155/248, train_loss: 0.1501, step time: 1.0305
Batch 156/248, train_loss: 0.1466, step time: 1.0274
Batch 157/248, train_loss: 0.3024, step time: 1.0498
Batch 158/248, train_loss: 0.9931, step time: 1.0264
Batch 159/248, train_loss: 0.3437, step time: 1.0337
Batch 160/248, train_loss: 0.0936, step time: 1.0505
Batch 161/248, train_loss: 0.0727, step time: 1.0392
Batch 162/248, train_loss: 0.0749, step time: 1.0511
Batch 163/248, train_loss: 0.1266, step time: 1.0270
Batch 164/248, train_loss: 0.1454, step time: 1.0515
Batch 165/248, train_loss: 0.3950, step time: 1.0354
Batch 166/248, train_loss: 0.0973, step time: 1.0339
Batch 167/248, train_loss: 0.1862, step time: 1.0246
Batch 168/248, train_loss: 0.1578, step time: 1.0453
Batch 169/248, train_loss: 0.1202, step time: 1.0379
Batch 170/248, train_loss: 0.5180, step time: 1.0356
Batch 171/248, train_loss: 0.0846, step time: 1.0459
Batch 172/248, train_loss: 0.4001, step time: 1.0226
Batch 173/248, train_loss: 0.0716, step time: 1.0391
Batch 174/248, train_loss: 0.5546, step time: 1.0510
Batch 175/248, train_loss: 0.1324, step time: 1.0358
Batch 176/248, train_loss: 0.3859, step time: 1.0488
Batch 177/248, train_loss: 0.2334, step time: 1.0516
Batch 178/248, train_loss: 0.1852, step time: 1.0266
Batch 179/248, train_loss: 0.0888, step time: 1.0477
Batch 180/248, train_loss: 0.1429, step time: 1.0400
Batch 181/248, train_loss: 0.0936, step time: 1.0496
Batch 182/248, train_loss: 0.6471, step time: 1.0405
Batch 183/248, train_loss: 0.1069, step time: 1.0450
Batch 184/248, train_loss: 0.2220, step time: 1.0447
Batch 185/248, train_loss: 0.1005, step time: 1.0483
Batch 186/248, train_loss: 0.0812, step time: 1.0276
Batch 187/248, train_loss: 0.1692, step time: 1.0477
Batch 188/248, train_loss: 0.2089, step time: 1.0522
Batch 189/248, train_loss: 0.4388, step time: 1.0412
Batch 190/248, train_loss: 0.1356, step time: 1.0287
Batch 191/248, train_loss: 0.6101, step time: 1.0372
Batch 192/248, train_loss: 0.2038, step time: 1.0302
Batch 193/248, train_loss: 0.2539, step time: 1.0383
Batch 194/248, train_loss: 0.0859, step time: 1.0246
Batch 195/248, train_loss: 0.6150, step time: 1.0335
Batch 196/248, train_loss: 0.9982, step time: 1.0346
Batch 197/248, train_loss: 0.1707, step time: 1.0251
Batch 198/248, train_loss: 0.5804, step time: 1.0278
Batch 199/248, train_loss: 0.1331, step time: 1.0518
Batch 200/248, train_loss: 0.1410, step time: 1.0232
Batch 201/248, train_loss: 0.1215, step time: 1.0330
Batch 202/248, train_loss: 0.3739, step time: 1.0346
Batch 203/248, train_loss: 0.3735, step time: 1.0312
Batch 204/248, train_loss: 0.1421, step time: 1.0391
Batch 205/248, train_loss: 0.3053, step time: 1.0319
Batch 206/248, train_loss: 0.3226, step time: 1.0266
Batch 207/248, train_loss: 0.0849, step time: 1.0352
Batch 208/248, train_loss: 0.1292, step time: 1.0398
Batch 209/248, train_loss: 0.1266, step time: 1.0388
Batch 210/248, train_loss: 0.0672, step time: 1.0325
Batch 211/248, train_loss: 0.0805, step time: 1.0236
Batch 212/248, train_loss: 0.1848, step time: 1.0320
Batch 213/248, train_loss: 0.1577, step time: 1.0327
Batch 214/248, train_loss: 0.0889, step time: 1.0409
Batch 215/248, train_loss: 0.2475, step time: 1.0301
Batch 216/248, train_loss: 0.1617, step time: 1.0474
Batch 217/248, train_loss: 0.2679, step time: 1.0531
Batch 218/248, train_loss: 0.7186, step time: 1.0517
Batch 219/248, train_loss: 0.0897, step time: 1.0505
Batch 220/248, train_loss: 0.2307, step time: 1.0291
Batch 221/248, train_loss: 0.2712, step time: 1.0362
Batch 222/248, train_loss: 0.2465, step time: 1.0245
Batch 223/248, train_loss: 0.0550, step time: 1.0252
Batch 224/248, train_loss: 0.0867, step time: 1.0233
Batch 225/248, train_loss: 0.1866, step time: 1.0280
Batch 226/248, train_loss: 0.1234, step time: 1.0499
Batch 227/248, train_loss: 0.1094, step time: 1.0488
Batch 228/248, train_loss: 0.1555, step time: 1.0446
Batch 229/248, train_loss: 0.0926, step time: 1.0328
Batch 230/248, train_loss: 0.0689, step time: 1.0243
Batch 231/248, train_loss: 0.3301, step time: 1.0336
Batch 232/248, train_loss: 0.0726, step time: 1.0483
Batch 233/248, train_loss: 0.7499, step time: 1.0426
Batch 234/248, train_loss: 0.4186, step time: 1.0512
Batch 235/248, train_loss: 0.2699, step time: 1.0411
Batch 236/248, train_loss: 0.7560, step time: 1.0235
Batch 237/248, train_loss: 0.1430, step time: 1.0296

```
Batch 238/248, train_loss: 0.1051, step time: 1.0427  
Batch 239/248, train_loss: 0.0557, step time: 1.0297  
Batch 240/248, train_loss: 0.2575, step time: 1.0368  
Batch 241/248, train_loss: 0.7234, step time: 1.0365  
Batch 242/248, train_loss: 0.1639, step time: 1.0380  
Batch 243/248, train_loss: 0.3543, step time: 1.0389  
Batch 244/248, train_loss: 0.4215, step time: 1.0366  
Batch 245/248, train_loss: 0.0952, step time: 1.0335  
Batch 246/248, train_loss: 0.5673, step time: 1.0272  
Batch 247/248, train_loss: 0.0774, step time: 1.0356  
Batch 248/248, train_loss: 0.9999, step time: 1.0433
```

Labels



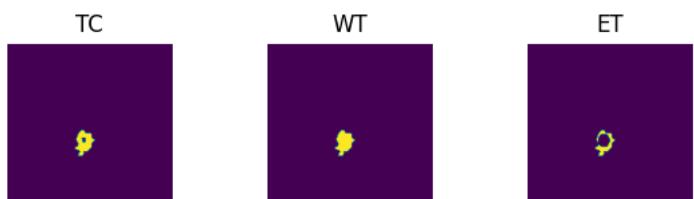
Predictions



VAL

```
Batch 1/31, val_loss: 0.8092  
Batch 2/31, val_loss: 0.8252  
Batch 3/31, val_loss: 0.9518  
Batch 4/31, val_loss: 0.9323  
Batch 5/31, val_loss: 0.9750  
Batch 6/31, val_loss: 0.6651  
Batch 7/31, val_loss: 0.8095  
Batch 8/31, val_loss: 0.9452  
Batch 9/31, val_loss: 0.6752  
Batch 10/31, val_loss: 0.9052  
Batch 11/31, val_loss: 0.7604  
Batch 12/31, val_loss: 0.9564  
Batch 13/31, val_loss: 0.9111  
Batch 14/31, val_loss: 0.9254  
Batch 15/31, val_loss: 0.9772  
Batch 16/31, val_loss: 0.9143  
Batch 17/31, val_loss: 0.9539  
Batch 18/31, val_loss: 0.9170  
Batch 19/31, val_loss: 0.7260  
Batch 20/31, val_loss: 0.8398  
Batch 21/31, val_loss: 0.9390  
Batch 22/31, val_loss: 0.9687  
Batch 23/31, val_loss: 0.9482  
Batch 24/31, val_loss: 0.7188  
Batch 25/31, val_loss: 0.7530  
Batch 26/31, val_loss: 0.8624  
Batch 27/31, val_loss: 0.9665  
Batch 28/31, val_loss: 0.7280  
Batch 29/31, val_loss: 0.9733  
Batch 30/31, val_loss: 0.9498  
Batch 31/31, val_loss: 0.9510
```

Labels



Predictions





```
epoch 89
    average train loss: 0.2448
    average validation loss: 0.8753
    saved as best model: False
    current mean dice: 0.5322
    current TC dice: 0.5675
    current WT dice: 0.5673
    current ET dice: 0.5017
Best Mean Metric: 0.5436
time consuming of epoch 89 is: 1632.9258
```

```
epoch 90/100
```

```
TRAIN
```

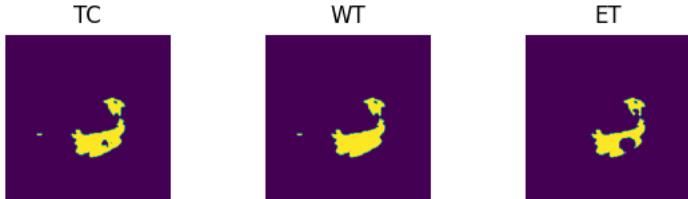
```
Batch 1/248, train_loss: 0.0821, step time: 1.0559
Batch 2/248, train_loss: 0.6994, step time: 1.0344
Batch 3/248, train_loss: 0.2944, step time: 1.0215
Batch 4/248, train_loss: 0.9958, step time: 1.0281
Batch 5/248, train_loss: 0.2331, step time: 1.0213
Batch 6/248, train_loss: 0.1781, step time: 1.0307
Batch 7/248, train_loss: 0.0666, step time: 1.0482
Batch 8/248, train_loss: 0.5429, step time: 1.0225
Batch 9/248, train_loss: 0.0483, step time: 1.0214
Batch 10/248, train_loss: 0.2408, step time: 1.0516
Batch 11/248, train_loss: 0.1732, step time: 1.0453
Batch 12/248, train_loss: 0.3232, step time: 1.0218
Batch 13/248, train_loss: 0.2833, step time: 1.0394
Batch 14/248, train_loss: 0.0550, step time: 1.0432
Batch 15/248, train_loss: 0.3666, step time: 1.0375
Batch 16/248, train_loss: 0.1541, step time: 1.0369
Batch 17/248, train_loss: 0.2450, step time: 1.0387
Batch 18/248, train_loss: 0.2902, step time: 1.0196
Batch 19/248, train_loss: 0.0928, step time: 1.0291
Batch 20/248, train_loss: 0.0980, step time: 1.0406
Batch 21/248, train_loss: 0.0543, step time: 1.0472
Batch 22/248, train_loss: 0.3786, step time: 1.0266
Batch 23/248, train_loss: 0.2787, step time: 1.0256
Batch 24/248, train_loss: 0.0902, step time: 1.0489
Batch 25/248, train_loss: 0.0660, step time: 1.0324
Batch 26/248, train_loss: 0.3937, step time: 1.0548
Batch 27/248, train_loss: 0.0782, step time: 1.0278
Batch 28/248, train_loss: 0.1663, step time: 1.0341
Batch 29/248, train_loss: 0.3446, step time: 1.0284
Batch 30/248, train_loss: 0.4350, step time: 1.0538
Batch 31/248, train_loss: 0.3036, step time: 1.0351
Batch 32/248, train_loss: 0.0998, step time: 1.0390
Batch 33/248, train_loss: 0.0714, step time: 1.0290
Batch 34/248, train_loss: 0.0486, step time: 1.0278
Batch 35/248, train_loss: 0.0537, step time: 1.0231
Batch 36/248, train_loss: 0.3544, step time: 1.0318
Batch 37/248, train_loss: 0.1959, step time: 1.0463
Batch 38/248, train_loss: 0.2944, step time: 1.0440
Batch 39/248, train_loss: 0.1637, step time: 1.0242
Batch 40/248, train_loss: 0.5683, step time: 1.0391
Batch 41/248, train_loss: 0.1790, step time: 1.0278
Batch 42/248, train_loss: 0.0792, step time: 1.0311
Batch 43/248, train_loss: 0.0498, step time: 1.0401
Batch 44/248, train_loss: 0.1424, step time: 1.0325
Batch 45/248, train_loss: 0.4293, step time: 1.0406
Batch 46/248, train_loss: 0.1545, step time: 1.0398
Batch 47/248, train_loss: 0.0784, step time: 1.0324
Batch 48/248, train_loss: 0.1627, step time: 1.0444
Batch 49/248, train_loss: 0.3798, step time: 1.0243
Batch 50/248, train_loss: 0.1479, step time: 1.0482
Batch 51/248, train_loss: 0.1559, step time: 1.0479
Batch 52/248, train_loss: 0.1235, step time: 1.0461
Batch 53/248, train_loss: 0.3760, step time: 1.0257
Batch 54/248, train_loss: 0.2678, step time: 1.0362
Batch 55/248, train_loss: 0.2503, step time: 1.0438
Batch 56/248, train_loss: 0.1800, step time: 1.0497
Batch 57/248, train_loss: 0.3145, step time: 1.0362
Batch 58/248, train_loss: 0.0831, step time: 1.0269
Batch 59/248, train_loss: 0.0804, step time: 1.0356
Batch 60/248, train_loss: 0.0626, step time: 1.0355
Batch 61/248, train_loss: 0.0859, step time: 1.0398
Batch 62/248, train_loss: 0.2222, step time: 1.0330
Batch 63/248, train_loss: 0.4454, step time: 1.0383
Batch 64/248, train_loss: 0.3515, step time: 1.0463
Batch 65/248, train_loss: 0.2397, step time: 1.0339
Batch 66/248, train_loss: 0.1149, step time: 1.0231
Batch 67/248, train_loss: 0.0783, step time: 1.0227
```

Batch 68/248, train_loss: 0.1081, step time: 1.0531
Batch 69/248, train_loss: 0.3384, step time: 1.0380
Batch 70/248, train_loss: 0.1517, step time: 1.0355
Batch 71/248, train_loss: 0.1274, step time: 1.0399
Batch 72/248, train_loss: 0.0667, step time: 1.0446
Batch 73/248, train_loss: 0.0864, step time: 1.0370
Batch 74/248, train_loss: 0.9910, step time: 1.0222
Batch 75/248, train_loss: 0.1305, step time: 1.0422
Batch 76/248, train_loss: 0.4548, step time: 1.0222
Batch 77/248, train_loss: 0.6442, step time: 1.0252
Batch 78/248, train_loss: 0.1247, step time: 1.0329
Batch 79/248, train_loss: 0.1097, step time: 1.0311
Batch 80/248, train_loss: 0.1896, step time: 1.0504
Batch 81/248, train_loss: 0.1748, step time: 1.0523
Batch 82/248, train_loss: 0.0982, step time: 1.0489
Batch 83/248, train_loss: 0.5802, step time: 1.0306
Batch 84/248, train_loss: 0.1729, step time: 1.0457
Batch 85/248, train_loss: 0.3676, step time: 1.0441
Batch 86/248, train_loss: 0.2404, step time: 1.0380
Batch 87/248, train_loss: 0.4830, step time: 1.0232
Batch 88/248, train_loss: 0.3188, step time: 1.0309
Batch 89/248, train_loss: 0.0750, step time: 1.0525
Batch 90/248, train_loss: 0.1807, step time: 1.0237
Batch 91/248, train_loss: 0.3537, step time: 1.0232
Batch 92/248, train_loss: 0.2242, step time: 1.0524
Batch 93/248, train_loss: 0.1621, step time: 1.0257
Batch 94/248, train_loss: 0.2589, step time: 1.0379
Batch 95/248, train_loss: 0.1344, step time: 1.0262
Batch 96/248, train_loss: 0.1594, step time: 1.0421
Batch 97/248, train_loss: 0.2557, step time: 1.0258
Batch 98/248, train_loss: 0.1081, step time: 1.0507
Batch 99/248, train_loss: 0.2906, step time: 1.0310
Batch 100/248, train_loss: 0.2581, step time: 1.0281
Batch 101/248, train_loss: 0.0608, step time: 1.0330
Batch 102/248, train_loss: 0.1010, step time: 1.0336
Batch 103/248, train_loss: 0.3022, step time: 1.0222
Batch 104/248, train_loss: 0.2814, step time: 1.0265
Batch 105/248, train_loss: 0.0858, step time: 1.0368
Batch 106/248, train_loss: 0.1350, step time: 1.0264
Batch 107/248, train_loss: 0.2153, step time: 1.0392
Batch 108/248, train_loss: 0.4225, step time: 1.0428
Batch 109/248, train_loss: 0.2618, step time: 1.0499
Batch 110/248, train_loss: 0.2431, step time: 1.0336
Batch 111/248, train_loss: 0.0891, step time: 1.0296
Batch 112/248, train_loss: 0.0942, step time: 1.0450
Batch 113/248, train_loss: 0.6639, step time: 1.0256
Batch 114/248, train_loss: 0.1289, step time: 1.0258
Batch 115/248, train_loss: 0.1358, step time: 1.0310
Batch 116/248, train_loss: 0.0683, step time: 1.0236
Batch 117/248, train_loss: 0.7612, step time: 1.0350
Batch 118/248, train_loss: 0.1482, step time: 1.0351
Batch 119/248, train_loss: 0.2560, step time: 1.0299
Batch 120/248, train_loss: 0.2206, step time: 1.0238
Batch 121/248, train_loss: 0.3177, step time: 1.0253
Batch 122/248, train_loss: 0.3937, step time: 1.0273
Batch 123/248, train_loss: 0.0631, step time: 1.0551
Batch 124/248, train_loss: 0.2494, step time: 1.0313
Batch 125/248, train_loss: 0.4594, step time: 1.0541
Batch 126/248, train_loss: 0.1506, step time: 1.0266
Batch 127/248, train_loss: 0.1250, step time: 1.0322
Batch 128/248, train_loss: 0.1433, step time: 1.0307
Batch 129/248, train_loss: 0.0992, step time: 1.0214
Batch 130/248, train_loss: 0.0806, step time: 1.0371
Batch 131/248, train_loss: 0.3574, step time: 1.0490
Batch 132/248, train_loss: 0.1867, step time: 1.0227
Batch 133/248, train_loss: 0.1319, step time: 1.0337
Batch 134/248, train_loss: 0.5070, step time: 1.0501
Batch 135/248, train_loss: 0.2103, step time: 1.0413
Batch 136/248, train_loss: 0.1182, step time: 1.0501
Batch 137/248, train_loss: 0.1028, step time: 1.0316
Batch 138/248, train_loss: 0.0722, step time: 1.0301
Batch 139/248, train_loss: 0.1381, step time: 1.0471
Batch 140/248, train_loss: 0.1577, step time: 1.0485
Batch 141/248, train_loss: 0.1494, step time: 1.0558
Batch 142/248, train_loss: 0.4972, step time: 1.0286
Batch 143/248, train_loss: 0.2442, step time: 1.0449
Batch 144/248, train_loss: 0.1388, step time: 1.0313
Batch 145/248, train_loss: 0.0607, step time: 1.0224
Batch 146/248, train_loss: 0.3019, step time: 1.0222
Batch 147/248, train_loss: 0.0566, step time: 1.0287
Batch 148/248, train_loss: 0.4515, step time: 1.0255
Batch 149/248, train_loss: 0.1437, step time: 1.0226
Batch 150/248, train_loss: 0.3517, step time: 1.0455
Batch 151/248, train_loss: 0.2863, step time: 1.0401
Batch 152/248, train_loss: 0.0449, step time: 1.0471

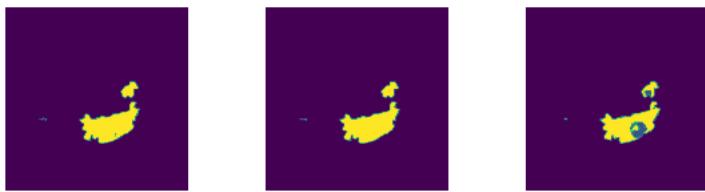
Batch 153/248, train_loss: 0.1552, step time: 1.0217
Batch 154/248, train_loss: 0.4988, step time: 1.0334
Batch 155/248, train_loss: 0.1128, step time: 1.0312
Batch 156/248, train_loss: 0.1523, step time: 1.0435
Batch 157/248, train_loss: 0.3244, step time: 1.0265
Batch 158/248, train_loss: 0.9998, step time: 1.0223
Batch 159/248, train_loss: 0.3126, step time: 1.0518
Batch 160/248, train_loss: 0.0885, step time: 1.0403
Batch 161/248, train_loss: 0.0762, step time: 1.0295
Batch 162/248, train_loss: 0.2121, step time: 1.0452
Batch 163/248, train_loss: 0.1299, step time: 1.0456
Batch 164/248, train_loss: 0.1552, step time: 1.0527
Batch 165/248, train_loss: 0.3981, step time: 1.0500
Batch 166/248, train_loss: 0.0939, step time: 1.0390
Batch 167/248, train_loss: 0.1913, step time: 1.0302
Batch 168/248, train_loss: 0.1560, step time: 1.0539
Batch 169/248, train_loss: 0.1321, step time: 1.0312
Batch 170/248, train_loss: 0.4876, step time: 1.0391
Batch 171/248, train_loss: 0.0866, step time: 1.0464
Batch 172/248, train_loss: 0.3832, step time: 1.0411
Batch 173/248, train_loss: 0.0706, step time: 1.0416
Batch 174/248, train_loss: 0.7186, step time: 1.0334
Batch 175/248, train_loss: 0.1070, step time: 1.0383
Batch 176/248, train_loss: 0.3854, step time: 1.0345
Batch 177/248, train_loss: 0.2254, step time: 1.0390
Batch 178/248, train_loss: 0.1722, step time: 1.0485
Batch 179/248, train_loss: 0.0921, step time: 1.0484
Batch 180/248, train_loss: 0.3518, step time: 1.0266
Batch 181/248, train_loss: 0.0983, step time: 1.0284
Batch 182/248, train_loss: 0.6169, step time: 1.0453
Batch 183/248, train_loss: 0.1076, step time: 1.0307
Batch 184/248, train_loss: 0.1707, step time: 1.0447
Batch 185/248, train_loss: 0.0981, step time: 1.0270
Batch 186/248, train_loss: 0.0839, step time: 1.0398
Batch 187/248, train_loss: 0.1710, step time: 1.0570
Batch 188/248, train_loss: 0.2199, step time: 1.0262
Batch 189/248, train_loss: 0.4658, step time: 1.0270
Batch 190/248, train_loss: 0.1600, step time: 1.0496
Batch 191/248, train_loss: 0.6061, step time: 1.0462
Batch 192/248, train_loss: 0.1998, step time: 1.0303
Batch 193/248, train_loss: 0.2533, step time: 1.0312
Batch 194/248, train_loss: 0.0926, step time: 1.0261
Batch 195/248, train_loss: 0.6289, step time: 1.0275
Batch 196/248, train_loss: 0.9849, step time: 1.0511
Batch 197/248, train_loss: 0.1702, step time: 1.0463
Batch 198/248, train_loss: 0.5581, step time: 1.0501
Batch 199/248, train_loss: 0.1404, step time: 1.0451
Batch 200/248, train_loss: 0.1406, step time: 1.0491
Batch 201/248, train_loss: 0.1215, step time: 1.0255
Batch 202/248, train_loss: 0.4169, step time: 1.0330
Batch 203/248, train_loss: 0.3958, step time: 1.0515
Batch 204/248, train_loss: 0.3328, step time: 1.0293
Batch 205/248, train_loss: 0.2996, step time: 1.0493
Batch 206/248, train_loss: 0.3151, step time: 1.0374
Batch 207/248, train_loss: 0.0718, step time: 1.0420
Batch 208/248, train_loss: 0.1547, step time: 1.0491
Batch 209/248, train_loss: 0.1387, step time: 1.0303
Batch 210/248, train_loss: 0.0670, step time: 1.0457
Batch 211/248, train_loss: 0.0802, step time: 1.0451
Batch 212/248, train_loss: 0.2343, step time: 1.0197
Batch 213/248, train_loss: 0.1841, step time: 1.0344
Batch 214/248, train_loss: 0.0961, step time: 1.0376
Batch 215/248, train_loss: 0.2110, step time: 1.0319
Batch 216/248, train_loss: 0.1573, step time: 1.0294
Batch 217/248, train_loss: 0.2843, step time: 1.0520
Batch 218/248, train_loss: 0.7272, step time: 1.0369
Batch 219/248, train_loss: 0.0804, step time: 1.0318
Batch 220/248, train_loss: 0.2255, step time: 1.0362
Batch 221/248, train_loss: 0.2706, step time: 1.0360
Batch 222/248, train_loss: 0.2008, step time: 1.0250
Batch 223/248, train_loss: 0.0543, step time: 1.0306
Batch 224/248, train_loss: 0.0916, step time: 1.0406
Batch 225/248, train_loss: 0.1918, step time: 1.0529
Batch 226/248, train_loss: 0.1284, step time: 1.0429
Batch 227/248, train_loss: 0.1011, step time: 1.0268
Batch 228/248, train_loss: 0.1559, step time: 1.0521
Batch 229/248, train_loss: 0.0918, step time: 1.0314
Batch 230/248, train_loss: 0.0727, step time: 1.0305
Batch 231/248, train_loss: 0.3159, step time: 1.0360
Batch 232/248, train_loss: 0.0774, step time: 1.0385
Batch 233/248, train_loss: 0.7388, step time: 1.0463
Batch 234/248, train_loss: 0.4330, step time: 1.0458
Batch 235/248, train_loss: 0.2558, step time: 1.0366
Batch 236/248, train_loss: 0.7246, step time: 1.0311
Batch 237/248, train_loss: 0.1367, step time: 1.0344

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Batch 238/248, train_loss: 0.1018, step time: 1.0223
Batch 239/248, train_loss: 0.0627, step time: 1.0496
Batch 240/248, train_loss: 0.2798, step time: 1.0415
Batch 241/248, train_loss: 0.5357, step time: 1.0268
Batch 242/248, train_loss: 0.1717, step time: 1.0479
Batch 243/248, train_loss: 0.3390, step time: 1.0243
Batch 244/248, train_loss: 0.4188, step time: 1.0283
Batch 245/248, train_loss: 0.0867, step time: 1.0503
Batch 246/248, train_loss: 0.5485, step time: 1.0520
Batch 247/248, train_loss: 0.0830, step time: 1.0457
Batch 248/248, train_loss: 0.9999, step time: 1.0361
```

Labels



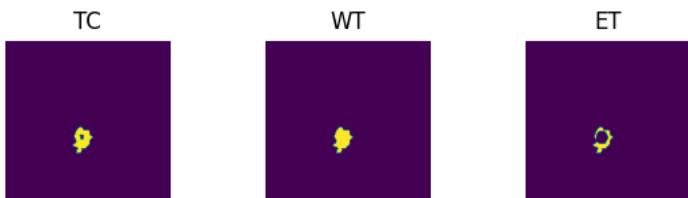
Predictions



VAL

```
Batch 1/31, val_loss: 0.8102
Batch 2/31, val_loss: 0.8325
Batch 3/31, val_loss: 0.9533
Batch 4/31, val_loss: 0.9309
Batch 5/31, val_loss: 0.9744
Batch 6/31, val_loss: 0.6626
Batch 7/31, val_loss: 0.8048
Batch 8/31, val_loss: 0.9492
Batch 9/31, val_loss: 0.6743
Batch 10/31, val_loss: 0.9213
Batch 11/31, val_loss: 0.7546
Batch 12/31, val_loss: 0.9570
Batch 13/31, val_loss: 0.9046
Batch 14/31, val_loss: 0.9263
Batch 15/31, val_loss: 0.9771
Batch 16/31, val_loss: 0.9110
Batch 17/31, val_loss: 0.9560
Batch 18/31, val_loss: 0.9167
Batch 19/31, val_loss: 0.7240
Batch 20/31, val_loss: 0.8404
Batch 21/31, val_loss: 0.9380
Batch 22/31, val_loss: 0.9658
Batch 23/31, val_loss: 0.9439
Batch 24/31, val_loss: 0.7162
Batch 25/31, val_loss: 0.7472
Batch 26/31, val_loss: 0.8605
Batch 27/31, val_loss: 0.9680
Batch 28/31, val_loss: 0.7288
Batch 29/31, val_loss: 0.9728
Batch 30/31, val_loss: 0.9530
Batch 31/31, val_loss: 0.9497
```

Labels



Predictions



```
epoch 90
average train loss: 0.2440
average validation loss: 0.8750
saved as best model: False
current mean dice: 0.5276
current TC dice: 0.5649
current WT dice: 0.5667
current ET dice: 0.4921
Best Mean Metric: 0.5436
time consuming of epoch 90 is: 1631.6859
```

```
-----
```

```
epoch 91/100
```

```
TRAIN
```

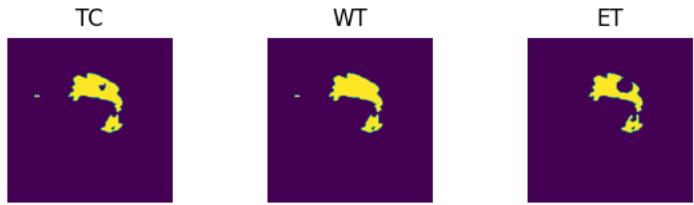
```
Batch 1/248, train_loss: 0.0790, step time: 1.0310
Batch 2/248, train_loss: 0.6647, step time: 1.0332
Batch 3/248, train_loss: 0.2994, step time: 1.0346
Batch 4/248, train_loss: 0.9671, step time: 1.0434
Batch 5/248, train_loss: 0.2059, step time: 1.0422
Batch 6/248, train_loss: 0.1915, step time: 1.0270
Batch 7/248, train_loss: 0.0673, step time: 1.0317
Batch 8/248, train_loss: 0.5072, step time: 1.0302
Batch 9/248, train_loss: 0.0462, step time: 1.0482
Batch 10/248, train_loss: 0.2343, step time: 1.0576
Batch 11/248, train_loss: 0.1680, step time: 1.0356
Batch 12/248, train_loss: 0.3361, step time: 1.0496
Batch 13/248, train_loss: 0.2777, step time: 1.0439
Batch 14/248, train_loss: 0.0587, step time: 1.0470
Batch 15/248, train_loss: 0.3585, step time: 1.0366
Batch 16/248, train_loss: 0.1564, step time: 1.0245
Batch 17/248, train_loss: 0.2599, step time: 1.0247
Batch 18/248, train_loss: 0.2756, step time: 1.0345
Batch 19/248, train_loss: 0.0953, step time: 1.0437
Batch 20/248, train_loss: 0.0997, step time: 1.0347
Batch 21/248, train_loss: 0.0543, step time: 1.0417
Batch 22/248, train_loss: 0.4340, step time: 1.0228
Batch 23/248, train_loss: 0.2723, step time: 1.0375
Batch 24/248, train_loss: 0.0902, step time: 1.0252
Batch 25/248, train_loss: 0.0618, step time: 1.0393
Batch 26/248, train_loss: 0.3648, step time: 1.0513
Batch 27/248, train_loss: 0.0712, step time: 1.0479
Batch 28/248, train_loss: 0.1602, step time: 1.0398
Batch 29/248, train_loss: 0.3343, step time: 1.0379
Batch 30/248, train_loss: 0.3986, step time: 1.0389
Batch 31/248, train_loss: 0.2997, step time: 1.0407
Batch 32/248, train_loss: 0.0872, step time: 1.0524
Batch 33/248, train_loss: 0.0655, step time: 1.0348
Batch 34/248, train_loss: 0.0476, step time: 1.0349
Batch 35/248, train_loss: 0.0536, step time: 1.0446
Batch 36/248, train_loss: 0.3339, step time: 1.0237
Batch 37/248, train_loss: 0.1574, step time: 1.0453
Batch 38/248, train_loss: 0.2509, step time: 1.0283
Batch 39/248, train_loss: 0.1695, step time: 1.0399
Batch 40/248, train_loss: 0.5719, step time: 1.0318
Batch 41/248, train_loss: 0.1628, step time: 1.0545
Batch 42/248, train_loss: 0.0828, step time: 1.0432
Batch 43/248, train_loss: 0.0524, step time: 1.0484
Batch 44/248, train_loss: 0.1165, step time: 1.0311
Batch 45/248, train_loss: 0.3909, step time: 1.0212
Batch 46/248, train_loss: 0.1339, step time: 1.0477
Batch 47/248, train_loss: 0.0784, step time: 1.0489
Batch 48/248, train_loss: 0.2065, step time: 1.0427
Batch 49/248, train_loss: 0.3691, step time: 1.0447
Batch 50/248, train_loss: 0.1552, step time: 1.0408
Batch 51/248, train_loss: 0.1523, step time: 1.0463
Batch 52/248, train_loss: 0.1182, step time: 1.0550
Batch 53/248, train_loss: 0.3725, step time: 1.0499
Batch 54/248, train_loss: 0.2640, step time: 1.0328
Batch 55/248, train_loss: 0.2438, step time: 1.0404
Batch 56/248, train_loss: 0.2002, step time: 1.0372
Batch 57/248, train_loss: 0.2332, step time: 1.0186
Batch 58/248, train_loss: 0.0802, step time: 1.0222
Batch 59/248, train_loss: 0.1007, step time: 1.0338
Batch 60/248, train_loss: 0.0674, step time: 1.0466
Batch 61/248, train_loss: 0.0830, step time: 1.0278
Batch 62/248, train_loss: 0.2272, step time: 1.0228
Batch 63/248, train_loss: 0.4250, step time: 1.0564
Batch 64/248, train_loss: 0.3519, step time: 1.0356
Batch 65/248, train_loss: 0.2387, step time: 1.0431
Batch 66/248, train_loss: 0.1173, step time: 1.0327
Batch 67/248, train loss: 0.0748, step time: 1.0232
```

Batch 68/248, train_loss: 0.1026, step time: 1.0345
Batch 69/248, train_loss: 0.3482, step time: 1.0296
Batch 70/248, train_loss: 0.1572, step time: 1.0464
Batch 71/248, train_loss: 0.1390, step time: 1.0357
Batch 72/248, train_loss: 0.0641, step time: 1.0371
Batch 73/248, train_loss: 0.0802, step time: 1.0411
Batch 74/248, train_loss: 0.9890, step time: 1.0267
Batch 75/248, train_loss: 0.1304, step time: 1.0448
Batch 76/248, train_loss: 0.4476, step time: 1.0558
Batch 77/248, train_loss: 0.7376, step time: 1.0240
Batch 78/248, train_loss: 0.1176, step time: 1.0326
Batch 79/248, train_loss: 0.1859, step time: 1.0391
Batch 80/248, train_loss: 0.1821, step time: 1.0360
Batch 81/248, train_loss: 0.1677, step time: 1.0333
Batch 82/248, train_loss: 0.0996, step time: 1.0268
Batch 83/248, train_loss: 0.5953, step time: 1.0283
Batch 84/248, train_loss: 0.1804, step time: 1.0496
Batch 85/248, train_loss: 0.3507, step time: 1.0480
Batch 86/248, train_loss: 0.2348, step time: 1.0247
Batch 87/248, train_loss: 0.4714, step time: 1.0500
Batch 88/248, train_loss: 0.3025, step time: 1.0230
Batch 89/248, train_loss: 0.0733, step time: 1.0233
Batch 90/248, train_loss: 0.1725, step time: 1.0369
Batch 91/248, train_loss: 0.3351, step time: 1.0480
Batch 92/248, train_loss: 0.2107, step time: 1.0421
Batch 93/248, train_loss: 0.1615, step time: 1.0246
Batch 94/248, train_loss: 0.2424, step time: 1.0302
Batch 95/248, train_loss: 0.1474, step time: 1.0450
Batch 96/248, train_loss: 0.1509, step time: 1.0250
Batch 97/248, train_loss: 0.2445, step time: 1.0287
Batch 98/248, train_loss: 0.1082, step time: 1.0323
Batch 99/248, train_loss: 0.2937, step time: 1.0526
Batch 100/248, train_loss: 0.2359, step time: 1.0397
Batch 101/248, train_loss: 0.0583, step time: 1.0441
Batch 102/248, train_loss: 0.0998, step time: 1.0396
Batch 103/248, train_loss: 0.2918, step time: 1.0438
Batch 104/248, train_loss: 0.2905, step time: 1.0221
Batch 105/248, train_loss: 0.0857, step time: 1.0255
Batch 106/248, train_loss: 0.1259, step time: 1.0421
Batch 107/248, train_loss: 0.2320, step time: 1.0260
Batch 108/248, train_loss: 0.4037, step time: 1.0251
Batch 109/248, train_loss: 0.2581, step time: 1.0292
Batch 110/248, train_loss: 0.2338, step time: 1.0427
Batch 111/248, train_loss: 0.0872, step time: 1.0420
Batch 112/248, train_loss: 0.0988, step time: 1.0520
Batch 113/248, train_loss: 0.5248, step time: 1.0256
Batch 114/248, train_loss: 0.1339, step time: 1.0312
Batch 115/248, train_loss: 0.1318, step time: 1.0288
Batch 116/248, train_loss: 0.0711, step time: 1.0325
Batch 117/248, train_loss: 0.7433, step time: 1.0391
Batch 118/248, train_loss: 0.1476, step time: 1.0499
Batch 119/248, train_loss: 0.2505, step time: 1.0464
Batch 120/248, train_loss: 0.2407, step time: 1.0268
Batch 121/248, train_loss: 0.3152, step time: 1.0398
Batch 122/248, train_loss: 0.4063, step time: 1.0346
Batch 123/248, train_loss: 0.0627, step time: 1.0309
Batch 124/248, train_loss: 0.2574, step time: 1.0407
Batch 125/248, train_loss: 0.4541, step time: 1.0477
Batch 126/248, train_loss: 0.1558, step time: 1.0253
Batch 127/248, train_loss: 0.1152, step time: 1.0511
Batch 128/248, train_loss: 0.1381, step time: 1.0312
Batch 129/248, train_loss: 0.0958, step time: 1.0476
Batch 130/248, train_loss: 0.0782, step time: 1.0476
Batch 131/248, train_loss: 0.3205, step time: 1.0439
Batch 132/248, train_loss: 0.1753, step time: 1.0285
Batch 133/248, train_loss: 0.1257, step time: 1.0421
Batch 134/248, train_loss: 0.4913, step time: 1.0314
Batch 135/248, train_loss: 0.2035, step time: 1.0453
Batch 136/248, train_loss: 0.1190, step time: 1.0264
Batch 137/248, train_loss: 0.1160, step time: 1.0385
Batch 138/248, train_loss: 0.0716, step time: 1.0470
Batch 139/248, train_loss: 0.1428, step time: 1.0383
Batch 140/248, train_loss: 0.1611, step time: 1.0435
Batch 141/248, train_loss: 0.1583, step time: 1.0440
Batch 142/248, train_loss: 0.4925, step time: 1.0525
Batch 143/248, train_loss: 0.2146, step time: 1.0426
Batch 144/248, train_loss: 0.1404, step time: 1.0407
Batch 145/248, train_loss: 0.0570, step time: 1.0391
Batch 146/248, train_loss: 0.3143, step time: 1.0588
Batch 147/248, train_loss: 0.0488, step time: 1.0521
Batch 148/248, train_loss: 0.5106, step time: 1.0483
Batch 149/248, train_loss: 0.1397, step time: 1.0460
Batch 150/248, train_loss: 0.3792, step time: 1.0542
Batch 151/248, train_loss: 0.2871, step time: 1.0460
Batch 152/248, train_loss: 0.0110, step time: 1.0511

Batch 122/248, train_loss: 0.07470, step time: 1.03511
Batch 153/248, train_loss: 0.1665, step time: 1.0485
Batch 154/248, train_loss: 0.5034, step time: 1.0323
Batch 155/248, train_loss: 0.0977, step time: 1.0386
Batch 156/248, train_loss: 0.1584, step time: 1.0282
Batch 157/248, train_loss: 0.3012, step time: 1.0217
Batch 158/248, train_loss: 0.9974, step time: 1.0241
Batch 159/248, train_loss: 0.3132, step time: 1.0481
Batch 160/248, train_loss: 0.0810, step time: 1.0446
Batch 161/248, train_loss: 0.0679, step time: 1.0377
Batch 162/248, train_loss: 0.1062, step time: 1.0405
Batch 163/248, train_loss: 0.1316, step time: 1.0303
Batch 164/248, train_loss: 0.1391, step time: 1.0450
Batch 165/248, train_loss: 0.3678, step time: 1.0398
Batch 166/248, train_loss: 0.0830, step time: 1.0233
Batch 167/248, train_loss: 0.1825, step time: 1.0450
Batch 168/248, train_loss: 0.1566, step time: 1.0366
Batch 169/248, train_loss: 0.1181, step time: 1.0286
Batch 170/248, train_loss: 0.4624, step time: 1.0406
Batch 171/248, train_loss: 0.1604, step time: 1.0214
Batch 172/248, train_loss: 0.4142, step time: 1.0457
Batch 173/248, train_loss: 0.0720, step time: 1.0345
Batch 174/248, train_loss: 0.7764, step time: 1.0309
Batch 175/248, train_loss: 0.1155, step time: 1.0463
Batch 176/248, train_loss: 0.3997, step time: 1.0343
Batch 177/248, train_loss: 0.2364, step time: 1.0562
Batch 178/248, train_loss: 0.1633, step time: 1.0324
Batch 179/248, train_loss: 0.0809, step time: 1.0309
Batch 180/248, train_loss: 0.1434, step time: 1.0542
Batch 181/248, train_loss: 0.0839, step time: 1.0426
Batch 182/248, train_loss: 0.3316, step time: 1.0400
Batch 183/248, train_loss: 0.1118, step time: 1.0392
Batch 184/248, train_loss: 0.1564, step time: 1.0557
Batch 185/248, train_loss: 0.1114, step time: 1.0435
Batch 186/248, train_loss: 0.0898, step time: 1.0355
Batch 187/248, train_loss: 0.1665, step time: 1.0476
Batch 188/248, train_loss: 0.2133, step time: 1.0379
Batch 189/248, train_loss: 0.4106, step time: 1.0490
Batch 190/248, train_loss: 0.1398, step time: 1.0383
Batch 191/248, train_loss: 0.6255, step time: 1.0269
Batch 192/248, train_loss: 0.1867, step time: 1.0338
Batch 193/248, train_loss: 0.2393, step time: 1.0240
Batch 194/248, train_loss: 0.0830, step time: 1.0305
Batch 195/248, train_loss: 0.6194, step time: 1.0270
Batch 196/248, train_loss: 0.9819, step time: 1.0295
Batch 197/248, train_loss: 0.1871, step time: 1.0313
Batch 198/248, train_loss: 0.6875, step time: 1.0512
Batch 199/248, train_loss: 0.1407, step time: 1.0288
Batch 200/248, train_loss: 0.1458, step time: 1.0230
Batch 201/248, train_loss: 0.1156, step time: 1.0402
Batch 202/248, train_loss: 0.3688, step time: 1.0280
Batch 203/248, train_loss: 0.3805, step time: 1.0367
Batch 204/248, train_loss: 0.1231, step time: 1.0346
Batch 205/248, train_loss: 0.2915, step time: 1.0494
Batch 206/248, train_loss: 0.2119, step time: 1.0343
Batch 207/248, train_loss: 0.0759, step time: 1.0318
Batch 208/248, train_loss: 0.1319, step time: 1.0330
Batch 209/248, train_loss: 0.1205, step time: 1.0472
Batch 210/248, train_loss: 0.0687, step time: 1.0445
Batch 211/248, train_loss: 0.0826, step time: 1.0375
Batch 212/248, train_loss: 0.2030, step time: 1.0395
Batch 213/248, train_loss: 0.1489, step time: 1.0458
Batch 214/248, train_loss: 0.0888, step time: 1.0281
Batch 215/248, train_loss: 0.2058, step time: 1.0569
Batch 216/248, train_loss: 0.1537, step time: 1.0424
Batch 217/248, train_loss: 0.2722, step time: 1.0388
Batch 218/248, train_loss: 0.7146, step time: 1.0538
Batch 219/248, train_loss: 0.0930, step time: 1.0569
Batch 220/248, train_loss: 0.2154, step time: 1.0333
Batch 221/248, train_loss: 0.2676, step time: 1.0250
Batch 222/248, train_loss: 0.2356, step time: 1.0357
Batch 223/248, train_loss: 0.0530, step time: 1.0559
Batch 224/248, train_loss: 0.0906, step time: 1.0528
Batch 225/248, train_loss: 0.1948, step time: 1.0406
Batch 226/248, train_loss: 0.1275, step time: 1.0517
Batch 227/248, train_loss: 0.1109, step time: 1.0336
Batch 228/248, train_loss: 0.1628, step time: 1.0379
Batch 229/248, train_loss: 0.0886, step time: 1.0329
Batch 230/248, train_loss: 0.0685, step time: 1.0256
Batch 231/248, train_loss: 0.2789, step time: 1.0475
Batch 232/248, train_loss: 0.0751, step time: 1.0406
Batch 233/248, train_loss: 0.7276, step time: 1.0434
Batch 234/248, train_loss: 0.4244, step time: 1.0301
Batch 235/248, train_loss: 0.2748, step time: 1.0322
Batch 236/248, train_loss: 0.7407, step time: 1.0258
- - - - - - - - - -

```
Batch 237/248, train_loss: 0.1389, step time: 1.0481
Batch 238/248, train_loss: 0.1062, step time: 1.0405
Batch 239/248, train_loss: 0.0609, step time: 1.0356
Batch 240/248, train_loss: 0.2506, step time: 1.0467
Batch 241/248, train_loss: 0.7246, step time: 1.0340
Batch 242/248, train_loss: 0.1758, step time: 1.0307
Batch 243/248, train_loss: 0.3347, step time: 1.0363
Batch 244/248, train_loss: 0.4258, step time: 1.0378
Batch 245/248, train_loss: 0.0855, step time: 1.0393
Batch 246/248, train_loss: 0.5727, step time: 1.0365
Batch 247/248, train_loss: 0.0789, step time: 1.0492
Batch 248/248, train_loss: 0.9998, step time: 1.0201
```

Labels



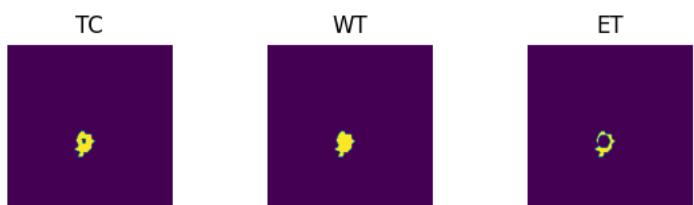
Predictions



VAL

```
Batch 1/31, val_loss: 0.8042
Batch 2/31, val_loss: 0.8147
Batch 3/31, val_loss: 0.9501
Batch 4/31, val_loss: 0.9267
Batch 5/31, val_loss: 0.9701
Batch 6/31, val_loss: 0.6596
Batch 7/31, val_loss: 0.8018
Batch 8/31, val_loss: 0.9488
Batch 9/31, val_loss: 0.6700
Batch 10/31, val_loss: 0.9150
Batch 11/31, val_loss: 0.7479
Batch 12/31, val_loss: 0.9545
Batch 13/31, val_loss: 0.8989
Batch 14/31, val_loss: 0.9236
Batch 15/31, val_loss: 0.9734
Batch 16/31, val_loss: 0.9039
Batch 17/31, val_loss: 0.9511
Batch 18/31, val_loss: 0.9132
Batch 19/31, val_loss: 0.7213
Batch 20/31, val_loss: 0.8277
Batch 21/31, val_loss: 0.9351
Batch 22/31, val_loss: 0.9640
Batch 23/31, val_loss: 0.9408
Batch 24/31, val_loss: 0.7159
Batch 25/31, val_loss: 0.7429
Batch 26/31, val_loss: 0.8517
Batch 27/31, val_loss: 0.9656
Batch 28/31, val_loss: 0.7263
Batch 29/31, val_loss: 0.9709
Batch 30/31, val_loss: 0.9476
Batch 31/31, val_loss: 0.9470
```

Labels



Predictions





```
epoch 91
average train loss: 0.2381
average validation loss: 0.8705
saved as best model: False
current mean dice: 0.5268
current TC dice: 0.5631
current WT dice: 0.5631
current ET dice: 0.4946
Best Mean Metric: 0.5436
time consuming of epoch 91 is: 1667.8359
-----
```

```
epoch 92/100
```

```
TRAIN
```

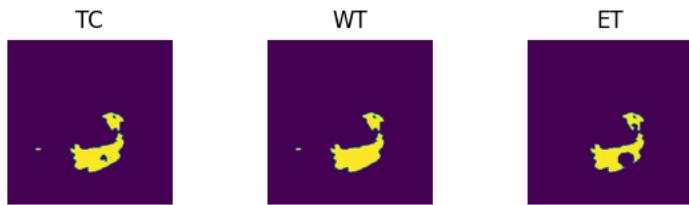
```
Batch 1/248, train_loss: 0.0839, step time: 1.0450
Batch 2/248, train_loss: 0.6534, step time: 1.0420
Batch 3/248, train_loss: 0.2821, step time: 1.0327
Batch 4/248, train_loss: 0.9494, step time: 1.0441
Batch 5/248, train_loss: 0.1779, step time: 1.0418
Batch 6/248, train_loss: 0.1977, step time: 1.0410
Batch 7/248, train_loss: 0.0656, step time: 1.0295
Batch 8/248, train_loss: 0.4915, step time: 1.0457
Batch 9/248, train_loss: 0.0463, step time: 1.0326
Batch 10/248, train_loss: 0.2534, step time: 1.0548
Batch 11/248, train_loss: 0.1707, step time: 1.0483
Batch 12/248, train_loss: 0.3233, step time: 1.0500
Batch 13/248, train_loss: 0.2853, step time: 1.0547
Batch 14/248, train_loss: 0.0550, step time: 1.0427
Batch 15/248, train_loss: 0.3334, step time: 1.0361
Batch 16/248, train_loss: 0.1553, step time: 1.0510
Batch 17/248, train_loss: 0.2295, step time: 1.0427
Batch 18/248, train_loss: 0.2525, step time: 1.0514
Batch 19/248, train_loss: 0.0951, step time: 1.0549
Batch 20/248, train_loss: 0.0996, step time: 1.0471
Batch 21/248, train_loss: 0.0550, step time: 1.0429
Batch 22/248, train_loss: 0.3935, step time: 1.0443
Batch 23/248, train_loss: 0.2985, step time: 1.0405
Batch 24/248, train_loss: 0.0880, step time: 1.0390
Batch 25/248, train_loss: 0.0631, step time: 1.0343
Batch 26/248, train_loss: 0.3724, step time: 1.0588
Batch 27/248, train_loss: 0.0729, step time: 1.0580
Batch 28/248, train_loss: 0.1589, step time: 1.0361
Batch 29/248, train_loss: 0.3351, step time: 1.0293
Batch 30/248, train_loss: 0.3917, step time: 1.0324
Batch 31/248, train_loss: 0.2790, step time: 1.0413
Batch 32/248, train_loss: 0.0855, step time: 1.0484
Batch 33/248, train_loss: 0.0665, step time: 1.0138
Batch 34/248, train_loss: 0.0454, step time: 1.0296
Batch 35/248, train_loss: 0.0555, step time: 1.0317
Batch 36/248, train_loss: 0.3252, step time: 1.0414
Batch 37/248, train_loss: 0.1576, step time: 1.0160
Batch 38/248, train_loss: 0.2590, step time: 1.0209
Batch 39/248, train_loss: 0.1779, step time: 1.0237
Batch 40/248, train_loss: 0.5510, step time: 1.0283
Batch 41/248, train_loss: 0.1861, step time: 1.0137
Batch 42/248, train_loss: 0.0783, step time: 1.0376
Batch 43/248, train_loss: 0.0487, step time: 1.0225
Batch 44/248, train_loss: 0.1376, step time: 1.0374
Batch 45/248, train_loss: 0.3950, step time: 1.0219
Batch 46/248, train_loss: 0.1403, step time: 1.0121
Batch 47/248, train_loss: 0.0759, step time: 1.0207
Batch 48/248, train_loss: 0.1653, step time: 1.0241
Batch 49/248, train_loss: 0.3822, step time: 1.0328
Batch 50/248, train_loss: 0.1528, step time: 1.0362
Batch 51/248, train_loss: 0.1418, step time: 1.0213
Batch 52/248, train_loss: 0.1194, step time: 1.0084
Batch 53/248, train_loss: 0.3734, step time: 1.0208
Batch 54/248, train_loss: 0.2674, step time: 1.0367
Batch 55/248, train_loss: 0.2458, step time: 1.0154
Batch 56/248, train_loss: 0.1800, step time: 1.0240
Batch 57/248, train_loss: 0.2358, step time: 1.0280
Batch 58/248, train_loss: 0.0762, step time: 1.0078
Batch 59/248, train_loss: 0.0866, step time: 1.0154
Batch 60/248, train_loss: 0.0637, step time: 1.0084
Batch 61/248, train_loss: 0.0793, step time: 1.0037
Batch 62/248, train_loss: 0.2135, step time: 1.0113
Batch 63/248, train_loss: 0.4107, step time: 1.0266
Batch 64/248, train_loss: 0.3465, step time: 1.0181
Batch 65/248, train_loss: 0.2540, step time: 1.0133
Batch 66/248, train_loss: 0.1150, step time: 1.0261
Batch 67/248, train_loss: 0.0740, step time: 1.0118
```

Batch 0/248, train_loss: 0.0/48, step time: 1.0110
Batch 68/248, train_loss: 0.0988, step time: 1.0100
Batch 69/248, train_loss: 0.3723, step time: 1.0263
Batch 70/248, train_loss: 0.1488, step time: 1.0156
Batch 71/248, train_loss: 0.1272, step time: 1.0144
Batch 72/248, train_loss: 0.0642, step time: 1.0123
Batch 73/248, train_loss: 0.0876, step time: 1.0052
Batch 74/248, train_loss: 0.9544, step time: 1.0019
Batch 75/248, train_loss: 0.1202, step time: 1.0064
Batch 76/248, train_loss: 0.4310, step time: 1.0050
Batch 77/248, train_loss: 0.6652, step time: 1.0197
Batch 78/248, train_loss: 0.1180, step time: 1.0206
Batch 79/248, train_loss: 0.1055, step time: 1.0095
Batch 80/248, train_loss: 0.1813, step time: 1.0243
Batch 81/248, train_loss: 0.1596, step time: 1.0127
Batch 82/248, train_loss: 0.0987, step time: 1.0166
Batch 83/248, train_loss: 0.5896, step time: 1.0207
Batch 84/248, train_loss: 0.1794, step time: 1.0267
Batch 85/248, train_loss: 0.3481, step time: 1.0132
Batch 86/248, train_loss: 0.2182, step time: 1.0023
Batch 87/248, train_loss: 0.4910, step time: 1.0103
Batch 88/248, train_loss: 0.3106, step time: 1.0079
Batch 89/248, train_loss: 0.0789, step time: 1.0052
Batch 90/248, train_loss: 0.1602, step time: 1.0275
Batch 91/248, train_loss: 0.3461, step time: 1.0123
Batch 92/248, train_loss: 0.2327, step time: 1.0055
Batch 93/248, train_loss: 0.1639, step time: 1.0102
Batch 94/248, train_loss: 0.2271, step time: 1.0298
Batch 95/248, train_loss: 0.1442, step time: 1.0120
Batch 96/248, train_loss: 0.1539, step time: 1.0029
Batch 97/248, train_loss: 0.2767, step time: 1.0291
Batch 98/248, train_loss: 0.1090, step time: 1.0070
Batch 99/248, train_loss: 0.2847, step time: 1.0259
Batch 100/248, train_loss: 0.2347, step time: 1.0269
Batch 101/248, train_loss: 0.0613, step time: 1.0048
Batch 102/248, train_loss: 0.0945, step time: 1.0244
Batch 103/248, train_loss: 0.2933, step time: 1.0138
Batch 104/248, train_loss: 0.2920, step time: 1.0098
Batch 105/248, train_loss: 0.0942, step time: 1.0138
Batch 106/248, train_loss: 0.1207, step time: 1.0186
Batch 107/248, train_loss: 0.2275, step time: 1.0174
Batch 108/248, train_loss: 0.4472, step time: 1.0067
Batch 109/248, train_loss: 0.2814, step time: 1.0181
Batch 110/248, train_loss: 0.2677, step time: 1.0222
Batch 111/248, train_loss: 0.0925, step time: 1.0229
Batch 112/248, train_loss: 0.1193, step time: 1.0149
Batch 113/248, train_loss: 0.6690, step time: 1.0051
Batch 114/248, train_loss: 0.1241, step time: 1.0123
Batch 115/248, train_loss: 0.1230, step time: 1.0129
Batch 116/248, train_loss: 0.0776, step time: 1.0120
Batch 117/248, train_loss: 0.7276, step time: 1.0130
Batch 118/248, train_loss: 0.1784, step time: 1.0130
Batch 119/248, train_loss: 0.2465, step time: 1.0218
Batch 120/248, train_loss: 0.2159, step time: 1.0095
Batch 121/248, train_loss: 0.3110, step time: 1.0041
Batch 122/248, train_loss: 0.3708, step time: 1.0242
Batch 123/248, train_loss: 0.0662, step time: 1.0061
Batch 124/248, train_loss: 0.2389, step time: 1.0097
Batch 125/248, train_loss: 0.4864, step time: 1.0101
Batch 126/248, train_loss: 0.1549, step time: 1.0124
Batch 127/248, train_loss: 0.1102, step time: 1.0124
Batch 128/248, train_loss: 0.1469, step time: 1.0189
Batch 129/248, train_loss: 0.0987, step time: 1.0239
Batch 130/248, train_loss: 0.0819, step time: 1.0274
Batch 131/248, train_loss: 0.3319, step time: 1.0037
Batch 132/248, train_loss: 0.1608, step time: 1.0301
Batch 133/248, train_loss: 0.1339, step time: 1.0053
Batch 134/248, train_loss: 0.4987, step time: 1.0181
Batch 135/248, train_loss: 0.1995, step time: 1.0220
Batch 136/248, train_loss: 0.1107, step time: 1.0209
Batch 137/248, train_loss: 0.1108, step time: 1.0135
Batch 138/248, train_loss: 0.0664, step time: 1.0265
Batch 139/248, train_loss: 0.1361, step time: 1.0128
Batch 140/248, train_loss: 0.1600, step time: 1.0027
Batch 141/248, train_loss: 0.1629, step time: 1.0155
Batch 142/248, train_loss: 0.4747, step time: 1.0326
Batch 143/248, train_loss: 0.2352, step time: 1.0289
Batch 144/248, train_loss: 0.1390, step time: 1.0105
Batch 145/248, train_loss: 0.0572, step time: 1.0203
Batch 146/248, train_loss: 0.2587, step time: 1.0258
Batch 147/248, train_loss: 0.0446, step time: 1.0058
Batch 148/248, train_loss: 0.4566, step time: 1.0260
Batch 149/248, train_loss: 0.1293, step time: 1.0069
Batch 150/248, train_loss: 0.2522, step time: 1.0216
Batch 151/248, train_loss: 0.2788, step time: 1.0220

Batch 152/248, train_loss: 0.0420, step time: 1.0188
Batch 153/248, train_loss: 0.1598, step time: 1.0204
Batch 154/248, train_loss: 0.5175, step time: 1.0242
Batch 155/248, train_loss: 0.1104, step time: 1.0229
Batch 156/248, train_loss: 0.1468, step time: 1.0267
Batch 157/248, train_loss: 0.3130, step time: 1.0147
Batch 158/248, train_loss: 0.9989, step time: 1.0044
Batch 159/248, train_loss: 0.2996, step time: 1.0238
Batch 160/248, train_loss: 0.0920, step time: 1.0030
Batch 161/248, train_loss: 0.0558, step time: 1.0276
Batch 162/248, train_loss: 0.0774, step time: 1.0028
Batch 163/248, train_loss: 0.1291, step time: 1.0117
Batch 164/248, train_loss: 0.1488, step time: 1.0040
Batch 165/248, train_loss: 0.3954, step time: 1.0260
Batch 166/248, train_loss: 0.0912, step time: 1.0224
Batch 167/248, train_loss: 0.1736, step time: 1.0254
Batch 168/248, train_loss: 0.1523, step time: 1.0272
Batch 169/248, train_loss: 0.1156, step time: 1.0095
Batch 170/248, train_loss: 0.4710, step time: 1.0064
Batch 171/248, train_loss: 0.0793, step time: 1.0111
Batch 172/248, train_loss: 0.4166, step time: 1.0269
Batch 173/248, train_loss: 0.0657, step time: 1.0146
Batch 174/248, train_loss: 0.7009, step time: 1.0066
Batch 175/248, train_loss: 0.1160, step time: 1.0267
Batch 176/248, train_loss: 0.3890, step time: 1.0084
Batch 177/248, train_loss: 0.2440, step time: 1.0211
Batch 178/248, train_loss: 0.1691, step time: 1.0067
Batch 179/248, train_loss: 0.0890, step time: 1.0089
Batch 180/248, train_loss: 0.3705, step time: 1.0201
Batch 181/248, train_loss: 0.0988, step time: 1.0098
Batch 182/248, train_loss: 0.4246, step time: 1.0146
Batch 183/248, train_loss: 0.0943, step time: 1.0197
Batch 184/248, train_loss: 0.1584, step time: 1.0173
Batch 185/248, train_loss: 0.0965, step time: 1.0190
Batch 186/248, train_loss: 0.0837, step time: 1.0101
Batch 187/248, train_loss: 0.1634, step time: 1.0022
Batch 188/248, train_loss: 0.2058, step time: 1.0260
Batch 189/248, train_loss: 0.4225, step time: 1.0039
Batch 190/248, train_loss: 0.1674, step time: 1.0174
Batch 191/248, train_loss: 0.6031, step time: 1.0109
Batch 192/248, train_loss: 0.1982, step time: 1.0052
Batch 193/248, train_loss: 0.2505, step time: 1.0166
Batch 194/248, train_loss: 0.0841, step time: 1.0279
Batch 195/248, train_loss: 0.6213, step time: 1.0095
Batch 196/248, train_loss: 0.8349, step time: 1.0289
Batch 197/248, train_loss: 0.2074, step time: 1.0126
Batch 198/248, train_loss: 0.5726, step time: 1.0164
Batch 199/248, train_loss: 0.1353, step time: 1.0134
Batch 200/248, train_loss: 0.1428, step time: 1.0063
Batch 201/248, train_loss: 0.1374, step time: 1.0083
Batch 202/248, train_loss: 0.4035, step time: 1.0099
Batch 203/248, train_loss: 0.3927, step time: 1.0057
Batch 204/248, train_loss: 0.1334, step time: 1.0118
Batch 205/248, train_loss: 0.2890, step time: 1.0104
Batch 206/248, train_loss: 0.3401, step time: 1.0213
Batch 207/248, train_loss: 0.0692, step time: 1.0035
Batch 208/248, train_loss: 0.1604, step time: 1.0050
Batch 209/248, train_loss: 0.1277, step time: 1.0188
Batch 210/248, train_loss: 0.0698, step time: 1.0253
Batch 211/248, train_loss: 0.0786, step time: 1.0093
Batch 212/248, train_loss: 0.1827, step time: 1.0290
Batch 213/248, train_loss: 0.1730, step time: 1.0139
Batch 214/248, train_loss: 0.0853, step time: 1.0240
Batch 215/248, train_loss: 0.2255, step time: 1.0052
Batch 216/248, train_loss: 0.1494, step time: 1.0037
Batch 217/248, train_loss: 0.2543, step time: 1.0119
Batch 218/248, train_loss: 0.7309, step time: 1.0250
Batch 219/248, train_loss: 0.0736, step time: 1.0151
Batch 220/248, train_loss: 0.2255, step time: 1.0162
Batch 221/248, train_loss: 0.2607, step time: 1.0126
Batch 222/248, train_loss: 0.1993, step time: 1.0043
Batch 223/248, train_loss: 0.0522, step time: 1.0162
Batch 224/248, train_loss: 0.0829, step time: 1.0186
Batch 225/248, train_loss: 0.1890, step time: 1.0084
Batch 226/248, train_loss: 0.1189, step time: 1.0151
Batch 227/248, train_loss: 0.1097, step time: 1.0178
Batch 228/248, train_loss: 0.1507, step time: 1.0094
Batch 229/248, train_loss: 0.0917, step time: 1.0039
Batch 230/248, train_loss: 0.0690, step time: 1.0307
Batch 231/248, train_loss: 0.3167, step time: 1.0056
Batch 232/248, train_loss: 0.0792, step time: 1.0114
Batch 233/248, train_loss: 0.7690, step time: 1.0130
Batch 234/248, train_loss: 0.4373, step time: 1.0128
Batch 235/248, train_loss: 0.2463, step time: 1.4190
Batch 236/248, train_loss: 0.7619, step time: 1.0319

```
Batch 237/248, train_loss: 0.1364, step time: 1.0250
Batch 238/248, train_loss: 0.1066, step time: 1.0132
Batch 239/248, train_loss: 0.0537, step time: 1.0375
Batch 240/248, train_loss: 0.2614, step time: 1.0191
Batch 241/248, train_loss: 0.6940, step time: 1.0409
Batch 242/248, train_loss: 0.1755, step time: 1.0202
Batch 243/248, train_loss: 0.3574, step time: 1.0127
Batch 244/248, train_loss: 0.3869, step time: 1.0401
Batch 245/248, train_loss: 0.0871, step time: 1.0400
Batch 246/248, train_loss: 0.5635, step time: 1.0154
Batch 247/248, train_loss: 0.0774, step time: 1.0415
Batch 248/248, train_loss: 1.0000, step time: 1.0229
```

Labels



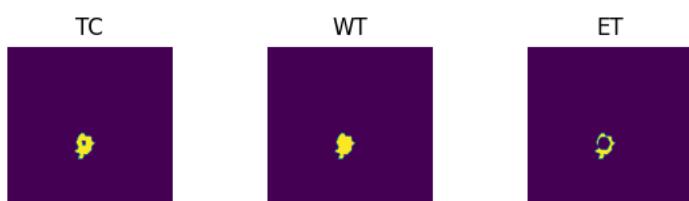
Predictions



VAL

```
Batch 1/31, val_loss: 0.8048
Batch 2/31, val_loss: 0.8255
Batch 3/31, val_loss: 0.9482
Batch 4/31, val_loss: 0.9255
Batch 5/31, val_loss: 0.9697
Batch 6/31, val_loss: 0.6558
Batch 7/31, val_loss: 0.7991
Batch 8/31, val_loss: 0.9364
Batch 9/31, val_loss: 0.6670
Batch 10/31, val_loss: 0.9020
Batch 11/31, val_loss: 0.7457
Batch 12/31, val_loss: 0.9546
Batch 13/31, val_loss: 0.8972
Batch 14/31, val_loss: 0.9220
Batch 15/31, val_loss: 0.9723
Batch 16/31, val_loss: 0.9045
Batch 17/31, val_loss: 0.9496
Batch 18/31, val_loss: 0.9079
Batch 19/31, val_loss: 0.7185
Batch 20/31, val_loss: 0.8291
Batch 21/31, val_loss: 0.9344
Batch 22/31, val_loss: 0.9523
Batch 23/31, val_loss: 0.9388
Batch 24/31, val_loss: 0.7106
Batch 25/31, val_loss: 0.7396
Batch 26/31, val_loss: 0.8554
Batch 27/31, val_loss: 0.9647
Batch 28/31, val_loss: 0.7245
Batch 29/31, val_loss: 0.9700
Batch 30/31, val_loss: 0.9439
Batch 31/31, val_loss: 0.9449
```

Labels



Predictions





```
epoch 92
  average train loss: 0.2371
  average validation loss: 0.8682
  saved as best model: True
  current mean dice: 0.5454
  current TC dice: 0.5821
  current WT dice: 0.5828
  current ET dice: 0.5151
Best Mean Metric: 0.5454
time consuming of epoch 92 is: 1660.4149
-----
```

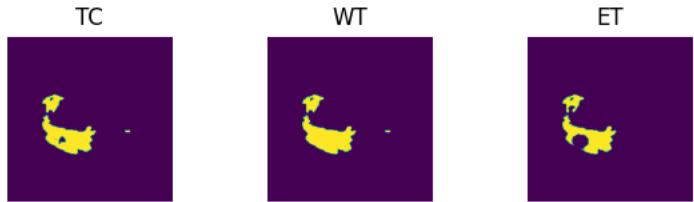
```
epoch 93/100
TRAIN
  Batch 1/248, train_loss: 0.0765, step time: 1.0533
  Batch 2/248, train_loss: 0.6600, step time: 1.0486
  Batch 3/248, train_loss: 0.2652, step time: 1.0496
  Batch 4/248, train_loss: 0.9387, step time: 1.0410
  Batch 5/248, train_loss: 0.1846, step time: 1.0479
  Batch 6/248, train_loss: 0.1960, step time: 1.0345
  Batch 7/248, train_loss: 0.0661, step time: 1.0405
  Batch 8/248, train_loss: 0.4567, step time: 1.0286
  Batch 9/248, train_loss: 0.0459, step time: 1.0356
  Batch 10/248, train_loss: 0.2484, step time: 1.0383
  Batch 11/248, train_loss: 0.1653, step time: 1.0396
  Batch 12/248, train_loss: 0.3060, step time: 1.0389
  Batch 13/248, train_loss: 0.2612, step time: 1.0455
  Batch 14/248, train_loss: 0.0531, step time: 1.0411
  Batch 15/248, train_loss: 0.3531, step time: 1.0400
  Batch 16/248, train_loss: 0.1595, step time: 1.0262
  Batch 17/248, train_loss: 0.2394, step time: 1.0553
  Batch 18/248, train_loss: 0.3098, step time: 1.0310
  Batch 19/248, train_loss: 0.1088, step time: 1.0517
  Batch 20/248, train_loss: 0.1010, step time: 1.0677
  Batch 21/248, train_loss: 0.0542, step time: 1.0285
  Batch 22/248, train_loss: 0.5114, step time: 1.0453
  Batch 23/248, train_loss: 0.2867, step time: 1.0256
  Batch 24/248, train_loss: 0.0882, step time: 1.0401
  Batch 25/248, train_loss: 0.0612, step time: 1.0341
  Batch 26/248, train_loss: 0.3696, step time: 1.0315
  Batch 27/248, train_loss: 0.0661, step time: 1.0277
  Batch 28/248, train_loss: 0.1674, step time: 1.0365
  Batch 29/248, train_loss: 0.3097, step time: 1.0325
  Batch 30/248, train_loss: 0.1895, step time: 1.0306
  Batch 31/248, train_loss: 0.2718, step time: 1.0206
  Batch 32/248, train_loss: 0.0869, step time: 1.0440
  Batch 33/248, train_loss: 0.0658, step time: 1.0387
  Batch 34/248, train_loss: 0.0476, step time: 1.0544
  Batch 35/248, train_loss: 0.0562, step time: 1.0237
  Batch 36/248, train_loss: 0.3247, step time: 1.0457
  Batch 37/248, train_loss: 0.1541, step time: 1.0406
  Batch 38/248, train_loss: 0.2690, step time: 1.0281
  Batch 39/248, train_loss: 0.1785, step time: 1.0457
  Batch 40/248, train_loss: 0.5292, step time: 1.0439
  Batch 41/248, train_loss: 0.1951, step time: 1.0327
  Batch 42/248, train_loss: 0.0784, step time: 1.0438
  Batch 43/248, train_loss: 0.0519, step time: 1.0258
  Batch 44/248, train_loss: 0.1208, step time: 1.0293
  Batch 45/248, train_loss: 0.3948, step time: 1.0211
  Batch 46/248, train_loss: 0.1493, step time: 1.0232
  Batch 47/248, train_loss: 0.0747, step time: 1.0141
  Batch 48/248, train_loss: 0.1587, step time: 1.0267
  Batch 49/248, train_loss: 0.3520, step time: 1.0225
  Batch 50/248, train_loss: 0.1488, step time: 1.0086
  Batch 51/248, train_loss: 0.1507, step time: 1.0258
  Batch 52/248, train_loss: 0.1272, step time: 1.0143
  Batch 53/248, train_loss: 0.3588, step time: 1.0145
  Batch 54/248, train_loss: 0.2676, step time: 1.0330
  Batch 55/248, train_loss: 0.2470, step time: 1.0176
  Batch 56/248, train_loss: 0.1755, step time: 1.0403
  Batch 57/248, train_loss: 0.2178, step time: 1.0294
  Batch 58/248, train_loss: 0.0771, step time: 1.0212
  Batch 59/248, train_loss: 0.0836, step time: 1.0298
  Batch 60/248, train_loss: 0.0633, step time: 1.0304
  Batch 61/248, train_loss: 0.0845, step time: 1.0289
  Batch 62/248, train_loss: 0.2154, step time: 1.0231
  Batch 63/248, train_loss: 0.4291, step time: 1.0146
  Batch 64/248, train_loss: 0.3429, step time: 1.0327
  Batch 65/248, train_loss: 0.2437, step time: 1.0312
  Batch 66/248, train_loss: 0.1152, step time: 1.0180
```

Batch 67/248, train_loss: 0.0739, step time: 1.0222
Batch 68/248, train_loss: 0.1041, step time: 1.0230
Batch 69/248, train_loss: 0.3490, step time: 1.0232
Batch 70/248, train_loss: 0.1492, step time: 1.0091
Batch 71/248, train_loss: 0.1308, step time: 1.0175
Batch 72/248, train_loss: 0.0617, step time: 1.0249
Batch 73/248, train_loss: 0.0748, step time: 1.0208
Batch 74/248, train_loss: 0.4141, step time: 1.0215
Batch 75/248, train_loss: 0.1245, step time: 1.0083
Batch 76/248, train_loss: 0.4613, step time: 1.0291
Batch 77/248, train_loss: 0.7534, step time: 1.0104
Batch 78/248, train_loss: 0.1102, step time: 1.0360
Batch 79/248, train_loss: 0.1030, step time: 1.0145
Batch 80/248, train_loss: 0.1892, step time: 1.0128
Batch 81/248, train_loss: 0.1890, step time: 1.0231
Batch 82/248, train_loss: 0.0972, step time: 1.0115
Batch 83/248, train_loss: 0.5746, step time: 1.0119
Batch 84/248, train_loss: 0.1897, step time: 1.0335
Batch 85/248, train_loss: 0.3517, step time: 1.0327
Batch 86/248, train_loss: 0.2238, step time: 1.0268
Batch 87/248, train_loss: 0.4909, step time: 1.0356
Batch 88/248, train_loss: 0.2953, step time: 1.0317
Batch 89/248, train_loss: 0.0716, step time: 1.0179
Batch 90/248, train_loss: 0.1736, step time: 1.0239
Batch 91/248, train_loss: 0.3300, step time: 1.0075
Batch 92/248, train_loss: 0.2030, step time: 1.0318
Batch 93/248, train_loss: 0.1586, step time: 1.0093
Batch 94/248, train_loss: 0.2389, step time: 1.0128
Batch 95/248, train_loss: 0.1431, step time: 1.0225
Batch 96/248, train_loss: 0.1441, step time: 1.0247
Batch 97/248, train_loss: 0.2577, step time: 1.0071
Batch 98/248, train_loss: 0.1070, step time: 1.0176
Batch 99/248, train_loss: 0.2798, step time: 1.0070
Batch 100/248, train_loss: 0.2649, step time: 1.0090
Batch 101/248, train_loss: 0.0567, step time: 1.0129
Batch 102/248, train_loss: 0.1125, step time: 1.0224
Batch 103/248, train_loss: 0.2984, step time: 1.0231
Batch 104/248, train_loss: 0.2970, step time: 1.0303
Batch 105/248, train_loss: 0.0836, step time: 1.0232
Batch 106/248, train_loss: 0.1284, step time: 1.0322
Batch 107/248, train_loss: 0.2155, step time: 1.0348
Batch 108/248, train_loss: 0.3954, step time: 1.0250
Batch 109/248, train_loss: 0.2923, step time: 1.0078
Batch 110/248, train_loss: 0.2803, step time: 1.0066
Batch 111/248, train_loss: 0.0897, step time: 1.0097
Batch 112/248, train_loss: 0.1034, step time: 1.0162
Batch 113/248, train_loss: 0.5733, step time: 1.0194
Batch 114/248, train_loss: 0.1206, step time: 1.0253
Batch 115/248, train_loss: 0.1562, step time: 1.0187
Batch 116/248, train_loss: 0.0698, step time: 1.0092
Batch 117/248, train_loss: 0.7343, step time: 1.0134
Batch 118/248, train_loss: 0.1331, step time: 1.0168
Batch 119/248, train_loss: 0.2339, step time: 1.0130
Batch 120/248, train_loss: 0.2296, step time: 1.0026
Batch 121/248, train_loss: 0.3033, step time: 1.0098
Batch 122/248, train_loss: 0.4106, step time: 1.0130
Batch 123/248, train_loss: 0.0639, step time: 1.0031
Batch 124/248, train_loss: 0.2252, step time: 1.0053
Batch 125/248, train_loss: 0.4279, step time: 1.0123
Batch 126/248, train_loss: 0.1625, step time: 1.0113
Batch 127/248, train_loss: 0.1149, step time: 1.0090
Batch 128/248, train_loss: 0.1359, step time: 1.0126
Batch 129/248, train_loss: 0.0962, step time: 1.0138
Batch 130/248, train_loss: 0.0772, step time: 1.0206
Batch 131/248, train_loss: 0.3268, step time: 1.0137
Batch 132/248, train_loss: 0.1714, step time: 1.0228
Batch 133/248, train_loss: 0.1403, step time: 1.0062
Batch 134/248, train_loss: 0.4831, step time: 1.0094
Batch 135/248, train_loss: 0.2551, step time: 1.0039
Batch 136/248, train_loss: 0.1148, step time: 1.0087
Batch 137/248, train_loss: 0.1107, step time: 1.0079
Batch 138/248, train_loss: 0.0670, step time: 1.0092
Batch 139/248, train_loss: 0.1327, step time: 1.0166
Batch 140/248, train_loss: 0.1608, step time: 1.0095
Batch 141/248, train_loss: 0.1497, step time: 1.0089
Batch 142/248, train_loss: 0.4759, step time: 1.0188
Batch 143/248, train_loss: 0.2264, step time: 1.0224
Batch 144/248, train_loss: 0.1379, step time: 1.0143
Batch 145/248, train_loss: 0.0580, step time: 1.0083
Batch 146/248, train_loss: 0.3239, step time: 1.0127
Batch 147/248, train_loss: 0.0467, step time: 1.0246
Batch 148/248, train_loss: 0.4331, step time: 1.0099
Batch 149/248, train_loss: 0.1320, step time: 1.0059
Batch 150/248, train_loss: 0.1700, step time: 1.0254
Batch 151/248, train_loss: 0.2643, step time: 1.0145

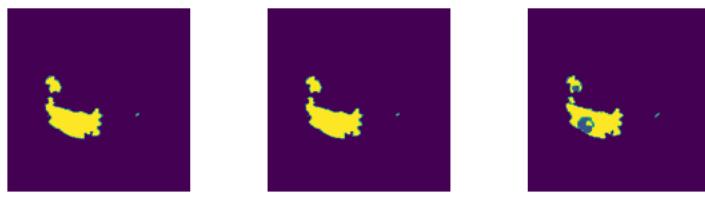
Batch 152/248, train_loss: 0.0418, step time: 1.0065
Batch 153/248, train_loss: 0.1847, step time: 1.0089
Batch 154/248, train_loss: 0.5145, step time: 1.0115
Batch 155/248, train_loss: 0.1041, step time: 1.0208
Batch 156/248, train_loss: 0.1480, step time: 1.0264
Batch 157/248, train_loss: 0.2969, step time: 1.0246
Batch 158/248, train_loss: 0.9998, step time: 1.0148
Batch 159/248, train_loss: 0.3043, step time: 1.0110
Batch 160/248, train_loss: 0.0894, step time: 1.0300
Batch 161/248, train_loss: 0.0681, step time: 1.0198
Batch 162/248, train_loss: 0.0702, step time: 1.0196
Batch 163/248, train_loss: 0.1502, step time: 1.0313
Batch 164/248, train_loss: 0.1542, step time: 1.0197
Batch 165/248, train_loss: 0.3806, step time: 1.0086
Batch 166/248, train_loss: 0.0953, step time: 1.0230
Batch 167/248, train_loss: 0.1972, step time: 1.0095
Batch 168/248, train_loss: 0.1464, step time: 1.0362
Batch 169/248, train_loss: 0.1235, step time: 1.0388
Batch 170/248, train_loss: 0.4522, step time: 1.0336
Batch 171/248, train_loss: 0.0899, step time: 1.0165
Batch 172/248, train_loss: 0.4704, step time: 1.0115
Batch 173/248, train_loss: 0.0799, step time: 1.0380
Batch 174/248, train_loss: 0.7692, step time: 1.0344
Batch 175/248, train_loss: 0.1047, step time: 1.0211
Batch 176/248, train_loss: 0.3902, step time: 1.0248
Batch 177/248, train_loss: 0.2380, step time: 1.0468
Batch 178/248, train_loss: 0.1708, step time: 1.0233
Batch 179/248, train_loss: 0.0795, step time: 1.0235
Batch 180/248, train_loss: 0.1756, step time: 1.0185
Batch 181/248, train_loss: 0.0834, step time: 1.0261
Batch 182/248, train_loss: 0.4184, step time: 1.0401
Batch 183/248, train_loss: 0.1024, step time: 1.0186
Batch 184/248, train_loss: 0.1690, step time: 1.0333
Batch 185/248, train_loss: 0.1121, step time: 1.0406
Batch 186/248, train_loss: 0.0904, step time: 1.0197
Batch 187/248, train_loss: 0.1667, step time: 1.0194
Batch 188/248, train_loss: 0.1945, step time: 1.0398
Batch 189/248, train_loss: 0.4254, step time: 1.0271
Batch 190/248, train_loss: 0.1473, step time: 1.0351
Batch 191/248, train_loss: 0.6088, step time: 1.0154
Batch 192/248, train_loss: 0.1976, step time: 1.0372
Batch 193/248, train_loss: 0.2587, step time: 1.0274
Batch 194/248, train_loss: 0.0867, step time: 1.0234
Batch 195/248, train_loss: 0.6228, step time: 1.0105
Batch 196/248, train_loss: 0.7218, step time: 1.0161
Batch 197/248, train_loss: 0.2008, step time: 1.0133
Batch 198/248, train_loss: 0.5467, step time: 1.0266
Batch 199/248, train_loss: 0.1301, step time: 1.0340
Batch 200/248, train_loss: 0.1329, step time: 1.0183
Batch 201/248, train_loss: 0.1174, step time: 1.0152
Batch 202/248, train_loss: 0.3663, step time: 1.0173
Batch 203/248, train_loss: 0.3776, step time: 1.0157
Batch 204/248, train_loss: 0.1195, step time: 1.0172
Batch 205/248, train_loss: 0.2932, step time: 1.0197
Batch 206/248, train_loss: 0.2985, step time: 1.0110
Batch 207/248, train_loss: 0.0827, step time: 1.0308
Batch 208/248, train_loss: 0.1798, step time: 1.0154
Batch 209/248, train_loss: 0.1246, step time: 1.0184
Batch 210/248, train_loss: 0.0670, step time: 1.0111
Batch 211/248, train_loss: 0.0855, step time: 1.0224
Batch 212/248, train_loss: 0.2287, step time: 1.0190
Batch 213/248, train_loss: 0.1455, step time: 1.0162
Batch 214/248, train_loss: 0.0949, step time: 1.0135
Batch 215/248, train_loss: 0.2280, step time: 1.0201
Batch 216/248, train_loss: 0.1697, step time: 1.0100
Batch 217/248, train_loss: 0.2621, step time: 1.0321
Batch 218/248, train_loss: 0.7319, step time: 1.0090
Batch 219/248, train_loss: 0.0925, step time: 1.0166
Batch 220/248, train_loss: 0.2257, step time: 1.0317
Batch 221/248, train_loss: 0.2614, step time: 1.0223
Batch 222/248, train_loss: 0.2239, step time: 1.0291
Batch 223/248, train_loss: 0.0521, step time: 1.0164
Batch 224/248, train_loss: 0.0904, step time: 1.0070
Batch 225/248, train_loss: 0.1860, step time: 1.0093
Batch 226/248, train_loss: 0.1138, step time: 1.0093
Batch 227/248, train_loss: 0.1049, step time: 1.0288
Batch 228/248, train_loss: 0.1563, step time: 1.0091
Batch 229/248, train_loss: 0.0954, step time: 1.0113
Batch 230/248, train_loss: 0.0652, step time: 1.0240
Batch 231/248, train_loss: 0.3086, step time: 1.0108
Batch 232/248, train_loss: 0.0701, step time: 1.0103
Batch 233/248, train_loss: 0.9134, step time: 1.0047
Batch 234/248, train_loss: 0.4215, step time: 1.0070
Batch 235/248, train_loss: 0.2710, step time: 1.0152
Batch 236/248, train_loss: 0.7351, step time: 1.0250

```
Batch 236/248, train_loss: 0.0594, step time: 1.0230
Batch 237/248, train_loss: 0.1391, step time: 1.0101
Batch 238/248, train_loss: 0.1084, step time: 1.0238
Batch 239/248, train_loss: 0.0578, step time: 1.0126
Batch 240/248, train_loss: 0.2518, step time: 1.0267
Batch 241/248, train_loss: 0.7328, step time: 1.0310
Batch 242/248, train_loss: 0.1856, step time: 1.0148
Batch 243/248, train_loss: 0.4177, step time: 1.0172
Batch 244/248, train_loss: 0.3483, step time: 1.0132
Batch 245/248, train_loss: 0.0852, step time: 1.0044
Batch 246/248, train_loss: 0.5432, step time: 1.0158
Batch 247/248, train_loss: 0.0829, step time: 1.0132
Batch 248/248, train_loss: 1.0000, step time: 1.0164
```

Labels



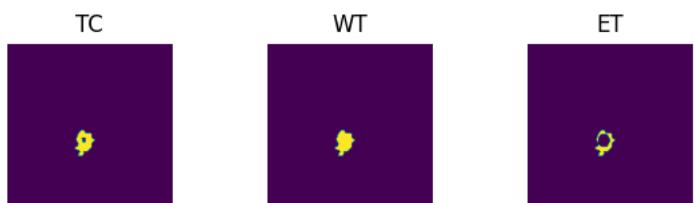
Predictions



VAL

```
Batch 1/31, val_loss: 0.7984
Batch 2/31, val_loss: 0.8084
Batch 3/31, val_loss: 0.9483
Batch 4/31, val_loss: 0.9218
Batch 5/31, val_loss: 0.9616
Batch 6/31, val_loss: 0.6514
Batch 7/31, val_loss: 0.8076
Batch 8/31, val_loss: 0.9424
Batch 9/31, val_loss: 0.6646
Batch 10/31, val_loss: 0.9201
Batch 11/31, val_loss: 0.7299
Batch 12/31, val_loss: 0.9464
Batch 13/31, val_loss: 0.8837
Batch 14/31, val_loss: 0.9144
Batch 15/31, val_loss: 0.9660
Batch 16/31, val_loss: 0.8869
Batch 17/31, val_loss: 0.9430
Batch 18/31, val_loss: 0.9054
Batch 19/31, val_loss: 0.7186
Batch 20/31, val_loss: 0.8333
Batch 21/31, val_loss: 0.9178
Batch 22/31, val_loss: 0.9610
Batch 23/31, val_loss: 0.9344
Batch 24/31, val_loss: 0.7080
Batch 25/31, val_loss: 0.7257
Batch 26/31, val_loss: 0.8354
Batch 27/31, val_loss: 0.9602
Batch 28/31, val_loss: 0.7199
Batch 29/31, val_loss: 0.9653
Batch 30/31, val_loss: 0.9402
Batch 31/31, val_loss: 0.9398
```

Labels



Predictions





```
epoch 93
average train loss: 0.2335
average validation loss: 0.8632
saved as best model: False
current mean dice: 0.5177
current TC dice: 0.5462
current WT dice: 0.5515
current ET dice: 0.4995
```

Best Mean Metric: 0.5454

time consuming of epoch 93 is: 1636.1625

epoch 94/100

TRAIN

```
Batch 1/248, train_loss: 0.0793, step time: 1.0179
Batch 2/248, train_loss: 0.6736, step time: 1.0201
Batch 3/248, train_loss: 0.3583, step time: 1.0167
Batch 4/248, train_loss: 0.8884, step time: 1.0258
Batch 5/248, train_loss: 0.1810, step time: 1.0185
Batch 6/248, train_loss: 0.1759, step time: 1.0297
Batch 7/248, train_loss: 0.0669, step time: 1.0062
Batch 8/248, train_loss: 0.4853, step time: 1.0176
Batch 9/248, train_loss: 0.0465, step time: 1.0217
Batch 10/248, train_loss: 0.2579, step time: 1.0146
Batch 11/248, train_loss: 0.1733, step time: 1.0208
Batch 12/248, train_loss: 0.2907, step time: 1.0212
Batch 13/248, train_loss: 0.2768, step time: 1.0313
Batch 14/248, train_loss: 0.0577, step time: 1.0156
Batch 15/248, train_loss: 0.3602, step time: 1.0107
Batch 16/248, train_loss: 0.1671, step time: 1.0111
Batch 17/248, train_loss: 0.2385, step time: 1.0312
Batch 18/248, train_loss: 0.2594, step time: 1.0176
Batch 19/248, train_loss: 0.0907, step time: 1.0117
Batch 20/248, train_loss: 0.0973, step time: 1.0065
Batch 21/248, train_loss: 0.0511, step time: 1.0290
Batch 22/248, train_loss: 0.4629, step time: 1.0048
Batch 23/248, train_loss: 0.3315, step time: 1.0047
Batch 24/248, train_loss: 0.0857, step time: 1.0096
Batch 25/248, train_loss: 0.0656, step time: 1.0103
Batch 26/248, train_loss: 0.3647, step time: 1.0104
Batch 27/248, train_loss: 0.0732, step time: 1.0214
Batch 28/248, train_loss: 0.1714, step time: 1.0129
Batch 29/248, train_loss: 0.3356, step time: 1.0151
Batch 30/248, train_loss: 0.5087, step time: 1.0180
Batch 31/248, train_loss: 0.3395, step time: 1.0049
Batch 32/248, train_loss: 0.0993, step time: 1.0066
Batch 33/248, train_loss: 0.0705, step time: 1.0106
Batch 34/248, train_loss: 0.0450, step time: 1.0108
Batch 35/248, train_loss: 0.0507, step time: 1.0333
Batch 36/248, train_loss: 0.4919, step time: 1.0202
Batch 37/248, train_loss: 0.1746, step time: 1.0307
Batch 38/248, train_loss: 0.2928, step time: 1.0183
Batch 39/248, train_loss: 0.1775, step time: 1.0119
Batch 40/248, train_loss: 0.5436, step time: 1.0103
Batch 41/248, train_loss: 0.2028, step time: 1.0088
Batch 42/248, train_loss: 0.0891, step time: 1.0236
Batch 43/248, train_loss: 0.0531, step time: 1.0206
Batch 44/248, train_loss: 0.1240, step time: 1.0300
Batch 45/248, train_loss: 0.4259, step time: 1.0029
Batch 46/248, train_loss: 0.1410, step time: 1.0228
Batch 47/248, train_loss: 0.0891, step time: 1.0257
Batch 48/248, train_loss: 0.1983, step time: 1.0335
Batch 49/248, train_loss: 0.4119, step time: 1.0096
Batch 50/248, train_loss: 0.1633, step time: 1.0274
Batch 51/248, train_loss: 0.1453, step time: 1.0079
Batch 52/248, train_loss: 0.1214, step time: 1.0276
Batch 53/248, train_loss: 0.3570, step time: 1.0180
Batch 54/248, train_loss: 0.2716, step time: 1.0183
Batch 55/248, train_loss: 0.2606, step time: 1.0127
Batch 56/248, train_loss: 0.1980, step time: 1.0252
Batch 57/248, train_loss: 0.2377, step time: 1.0192
Batch 58/248, train_loss: 0.0822, step time: 1.0051
Batch 59/248, train_loss: 0.0868, step time: 1.0131
Batch 60/248, train_loss: 0.0659, step time: 1.0058
Batch 61/248, train_loss: 0.0842, step time: 1.0283
Batch 62/248, train_loss: 0.2324, step time: 1.0031
Batch 63/248, train_loss: 0.3990, step time: 1.0280
Batch 64/248, train_loss: 0.3638, step time: 1.0069
Batch 65/248, train_loss: 0.2424, step time: 1.0049
Batch 66/248, train_loss: 0.1311, step time: 1.0045
```

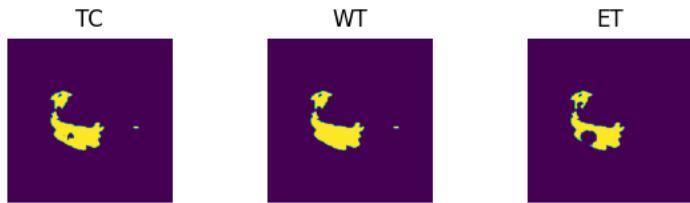
Batch 67/248, train_loss: 0.0744, step time: 1.0024
Batch 68/248, train_loss: 0.1178, step time: 1.0261
Batch 69/248, train_loss: 0.3402, step time: 1.0143
Batch 70/248, train_loss: 0.1483, step time: 1.0084
Batch 71/248, train_loss: 0.1377, step time: 1.0025
Batch 72/248, train_loss: 0.0651, step time: 1.0283
Batch 73/248, train_loss: 0.0945, step time: 1.0104
Batch 74/248, train_loss: 0.9873, step time: 1.0238
Batch 75/248, train_loss: 0.1345, step time: 1.0090
Batch 76/248, train_loss: 0.4907, step time: 1.0299
Batch 77/248, train_loss: 0.7263, step time: 1.0204
Batch 78/248, train_loss: 0.1249, step time: 1.0038
Batch 79/248, train_loss: 0.1101, step time: 1.0223
Batch 80/248, train_loss: 0.1923, step time: 1.0242
Batch 81/248, train_loss: 0.2541, step time: 1.0123
Batch 82/248, train_loss: 0.1097, step time: 1.0049
Batch 83/248, train_loss: 0.6032, step time: 1.0219
Batch 84/248, train_loss: 0.2061, step time: 1.0255
Batch 85/248, train_loss: 0.3783, step time: 1.0157
Batch 86/248, train_loss: 0.2331, step time: 1.0245
Batch 87/248, train_loss: 0.5163, step time: 1.0083
Batch 88/248, train_loss: 0.3201, step time: 1.0123
Batch 89/248, train_loss: 0.0709, step time: 1.0190
Batch 90/248, train_loss: 0.1777, step time: 1.0280
Batch 91/248, train_loss: 0.3277, step time: 1.0061
Batch 92/248, train_loss: 0.2067, step time: 1.0064
Batch 93/248, train_loss: 0.1523, step time: 1.0237
Batch 94/248, train_loss: 0.3070, step time: 1.0210
Batch 95/248, train_loss: 0.1410, step time: 1.0092
Batch 96/248, train_loss: 0.1592, step time: 1.0114
Batch 97/248, train_loss: 0.2330, step time: 1.0045
Batch 98/248, train_loss: 0.1117, step time: 1.0244
Batch 99/248, train_loss: 0.2943, step time: 1.0058
Batch 100/248, train_loss: 0.2894, step time: 1.0166
Batch 101/248, train_loss: 0.0608, step time: 1.0052
Batch 102/248, train_loss: 0.1024, step time: 1.0168
Batch 103/248, train_loss: 0.2941, step time: 1.0242
Batch 104/248, train_loss: 0.2974, step time: 1.0186
Batch 105/248, train_loss: 0.0827, step time: 1.0273
Batch 106/248, train_loss: 0.1404, step time: 1.0052
Batch 107/248, train_loss: 0.2012, step time: 1.0165
Batch 108/248, train_loss: 0.4156, step time: 1.0152
Batch 109/248, train_loss: 0.3182, step time: 1.0321
Batch 110/248, train_loss: 0.2335, step time: 1.0073
Batch 111/248, train_loss: 0.0861, step time: 1.0181
Batch 112/248, train_loss: 0.1197, step time: 1.0032
Batch 113/248, train_loss: 0.6542, step time: 1.0100
Batch 114/248, train_loss: 0.1322, step time: 1.0264
Batch 115/248, train_loss: 0.1455, step time: 1.0139
Batch 116/248, train_loss: 0.0689, step time: 1.0055
Batch 117/248, train_loss: 0.6976, step time: 1.0257
Batch 118/248, train_loss: 0.1707, step time: 1.0132
Batch 119/248, train_loss: 0.2698, step time: 1.0130
Batch 120/248, train_loss: 0.2271, step time: 1.0115
Batch 121/248, train_loss: 0.3128, step time: 1.0215
Batch 122/248, train_loss: 0.4312, step time: 1.0215
Batch 123/248, train_loss: 0.0627, step time: 1.0144
Batch 124/248, train_loss: 0.2471, step time: 1.0118
Batch 125/248, train_loss: 0.4703, step time: 1.0174
Batch 126/248, train_loss: 0.1586, step time: 1.0108
Batch 127/248, train_loss: 0.1232, step time: 1.0211
Batch 128/248, train_loss: 0.1353, step time: 1.0102
Batch 129/248, train_loss: 0.0945, step time: 1.0063
Batch 130/248, train_loss: 0.0813, step time: 1.0229
Batch 131/248, train_loss: 0.3232, step time: 1.0126
Batch 132/248, train_loss: 0.1546, step time: 1.0201
Batch 133/248, train_loss: 0.1367, step time: 1.0065
Batch 134/248, train_loss: 0.4847, step time: 1.0169
Batch 135/248, train_loss: 0.2233, step time: 1.0256
Batch 136/248, train_loss: 0.1191, step time: 1.0206
Batch 137/248, train_loss: 0.1083, step time: 1.0094
Batch 138/248, train_loss: 0.0660, step time: 1.0078
Batch 139/248, train_loss: 0.1517, step time: 1.0272
Batch 140/248, train_loss: 0.1425, step time: 1.0144
Batch 141/248, train_loss: 0.1593, step time: 1.0164
Batch 142/248, train_loss: 0.4631, step time: 1.0065
Batch 143/248, train_loss: 0.2274, step time: 1.0112
Batch 144/248, train_loss: 0.1397, step time: 1.0098
Batch 145/248, train_loss: 0.0569, step time: 1.0047
Batch 146/248, train_loss: 0.3068, step time: 1.0223
Batch 147/248, train_loss: 0.0476, step time: 1.0057
Batch 148/248, train_loss: 0.4791, step time: 1.0147
Batch 149/248, train_loss: 0.1349, step time: 1.0056
Batch 150/248, train_loss: 0.2756, step time: 1.0054

Batch 151/248, train_loss: 0.2812, step time: 1.0266

Batch 151/248, train_loss: 0.1911, step time: 1.0200
Batch 152/248, train_loss: 0.0427, step time: 1.0264
Batch 153/248, train_loss: 0.1740, step time: 1.0144
Batch 154/248, train_loss: 0.4993, step time: 1.0171
Batch 155/248, train_loss: 0.1198, step time: 1.0116
Batch 156/248, train_loss: 0.1524, step time: 1.0267
Batch 157/248, train_loss: 0.2960, step time: 1.0056
Batch 158/248, train_loss: 0.9970, step time: 1.0115
Batch 159/248, train_loss: 0.3167, step time: 1.0190
Batch 160/248, train_loss: 0.1022, step time: 1.0253
Batch 161/248, train_loss: 0.0721, step time: 1.0069
Batch 162/248, train_loss: 0.0660, step time: 1.0091
Batch 163/248, train_loss: 0.1250, step time: 1.0182
Batch 164/248, train_loss: 0.1487, step time: 1.0150
Batch 165/248, train_loss: 0.3915, step time: 1.0293
Batch 166/248, train_loss: 0.0937, step time: 1.0054
Batch 167/248, train_loss: 0.1890, step time: 1.0182
Batch 168/248, train_loss: 0.1420, step time: 1.0315
Batch 169/248, train_loss: 0.1345, step time: 1.0205
Batch 170/248, train_loss: 0.4675, step time: 1.0042
Batch 171/248, train_loss: 0.0817, step time: 1.0213
Batch 172/248, train_loss: 0.4210, step time: 1.0080
Batch 173/248, train_loss: 0.0749, step time: 1.0178
Batch 174/248, train_loss: 0.5888, step time: 1.0135
Batch 175/248, train_loss: 0.0962, step time: 1.0304
Batch 176/248, train_loss: 0.3838, step time: 1.0293
Batch 177/248, train_loss: 0.2398, step time: 1.0096
Batch 178/248, train_loss: 0.1653, step time: 1.0114
Batch 179/248, train_loss: 0.0805, step time: 1.0138
Batch 180/248, train_loss: 0.2577, step time: 1.0270
Batch 181/248, train_loss: 0.0877, step time: 1.0141
Batch 182/248, train_loss: 0.3977, step time: 1.0340
Batch 183/248, train_loss: 0.1239, step time: 1.0175
Batch 184/248, train_loss: 0.1508, step time: 1.0303
Batch 185/248, train_loss: 0.0974, step time: 1.0237
Batch 186/248, train_loss: 0.0806, step time: 1.0166
Batch 187/248, train_loss: 0.1621, step time: 1.0087
Batch 188/248, train_loss: 0.2032, step time: 1.0346
Batch 189/248, train_loss: 0.4209, step time: 1.0182
Batch 190/248, train_loss: 0.3202, step time: 1.0406
Batch 191/248, train_loss: 0.6143, step time: 1.0106
Batch 192/248, train_loss: 0.2586, step time: 1.0435
Batch 193/248, train_loss: 0.2346, step time: 1.0413
Batch 194/248, train_loss: 0.0856, step time: 1.0270
Batch 195/248, train_loss: 0.6426, step time: 1.0454
Batch 196/248, train_loss: 0.9683, step time: 1.0315
Batch 197/248, train_loss: 0.1914, step time: 1.0202
Batch 198/248, train_loss: 0.5354, step time: 1.0437
Batch 199/248, train_loss: 0.1391, step time: 1.0347
Batch 200/248, train_loss: 0.1380, step time: 1.0310
Batch 201/248, train_loss: 0.1278, step time: 1.0248
Batch 202/248, train_loss: 0.3655, step time: 1.0392
Batch 203/248, train_loss: 0.3764, step time: 1.0445
Batch 204/248, train_loss: 0.1371, step time: 1.0296
Batch 205/248, train_loss: 0.2925, step time: 1.0297
Batch 206/248, train_loss: 0.4170, step time: 1.0399
Batch 207/248, train_loss: 0.0773, step time: 1.0473
Batch 208/248, train_loss: 0.1480, step time: 1.0293
Batch 209/248, train_loss: 0.1387, step time: 1.0543
Batch 210/248, train_loss: 0.0649, step time: 1.0334
Batch 211/248, train_loss: 0.0769, step time: 1.0372
Batch 212/248, train_loss: 0.2100, step time: 1.0139
Batch 213/248, train_loss: 0.1620, step time: 1.0383
Batch 214/248, train_loss: 0.0869, step time: 1.0282
Batch 215/248, train_loss: 0.2264, step time: 1.0199
Batch 216/248, train_loss: 0.1498, step time: 1.0161
Batch 217/248, train_loss: 0.2617, step time: 1.0336
Batch 218/248, train_loss: 0.7199, step time: 1.0106
Batch 219/248, train_loss: 0.0773, step time: 1.0140
Batch 220/248, train_loss: 0.2173, step time: 1.0125
Batch 221/248, train_loss: 0.3635, step time: 1.0132
Batch 222/248, train_loss: 0.2400, step time: 1.0328
Batch 223/248, train_loss: 0.0526, step time: 1.0075
Batch 224/248, train_loss: 0.0851, step time: 1.0238
Batch 225/248, train_loss: 0.1924, step time: 1.0154
Batch 226/248, train_loss: 0.1247, step time: 1.0199
Batch 227/248, train_loss: 0.1013, step time: 1.0327
Batch 228/248, train_loss: 0.1601, step time: 1.0074
Batch 229/248, train_loss: 0.0908, step time: 1.0076
Batch 230/248, train_loss: 0.0732, step time: 1.0086
Batch 231/248, train_loss: 0.2823, step time: 1.0198
Batch 232/248, train_loss: 0.0690, step time: 1.0083
Batch 233/248, train_loss: 0.7757, step time: 1.0152
Batch 234/248, train_loss: 0.4273, step time: 1.0179
Batch 235/248, train_loss: 0.2598, step time: 1.0102

```
Batch 236/248, train_loss: 0.7628, step time: 1.0298  
Batch 237/248, train_loss: 0.1412, step time: 1.0183  
Batch 238/248, train_loss: 0.1127, step time: 1.0067  
Batch 239/248, train_loss: 0.0544, step time: 1.0148  
Batch 240/248, train_loss: 0.2543, step time: 1.0074  
Batch 241/248, train_loss: 0.7209, step time: 1.0223  
Batch 242/248, train_loss: 0.1836, step time: 1.0058  
Batch 243/248, train_loss: 0.3869, step time: 1.0230  
Batch 244/248, train_loss: 0.3480, step time: 1.0101  
Batch 245/248, train_loss: 0.0817, step time: 1.0284  
Batch 246/248, train_loss: 0.5790, step time: 1.0084  
Batch 247/248, train_loss: 0.0791, step time: 1.0109  
Batch 248/248, train_loss: 0.9999, step time: 1.0030
```

Labels



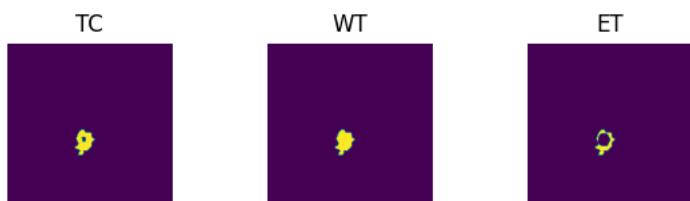
Predictions



VAL

```
Batch 1/31, val_loss: 0.7990  
Batch 2/31, val_loss: 0.8217  
Batch 3/31, val_loss: 0.9458  
Batch 4/31, val_loss: 0.9272  
Batch 5/31, val_loss: 0.9643  
Batch 6/31, val_loss: 0.6534  
Batch 7/31, val_loss: 0.8039  
Batch 8/31, val_loss: 0.9408  
Batch 9/31, val_loss: 0.6633  
Batch 10/31, val_loss: 0.8951  
Batch 11/31, val_loss: 0.7317  
Batch 12/31, val_loss: 0.9495  
Batch 13/31, val_loss: 0.8866  
Batch 14/31, val_loss: 0.9182  
Batch 15/31, val_loss: 0.9703  
Batch 16/31, val_loss: 0.8896  
Batch 17/31, val_loss: 0.9372  
Batch 18/31, val_loss: 0.9069  
Batch 19/31, val_loss: 0.7144  
Batch 20/31, val_loss: 0.8373  
Batch 21/31, val_loss: 0.9270  
Batch 22/31, val_loss: 0.9603  
Batch 23/31, val_loss: 0.9329  
Batch 24/31, val_loss: 0.7085  
Batch 25/31, val_loss: 0.7269  
Batch 26/31, val_loss: 0.8408  
Batch 27/31, val_loss: 0.9580  
Batch 28/31, val_loss: 0.7194  
Batch 29/31, val_loss: 0.9663  
Batch 30/31, val_loss: 0.9408  
Batch 31/31, val_loss: 0.9429
```

Labels



Predictions





```
epoch 94
  average train loss: 0.2435
  average validation loss: 0.8639
  saved as best model: False
  current mean dice: 0.5286
  current TC dice: 0.5624
  current WT dice: 0.5661
  current ET dice: 0.5016
Best Mean Metric: 0.5454
time consuming of epoch 94 is: 1660.3264
-----
```

```
epoch 95/100
```

```
TRAIN
```

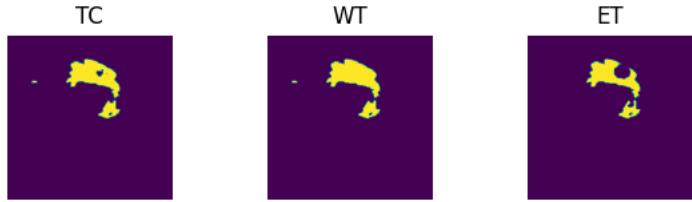
```
Batch 1/248, train_loss: 0.0774, step time: 1.0296
Batch 2/248, train_loss: 0.5967, step time: 1.0276
Batch 3/248, train_loss: 0.2821, step time: 1.0231
Batch 4/248, train_loss: 0.9079, step time: 1.0292
Batch 5/248, train_loss: 0.1873, step time: 1.0285
Batch 6/248, train_loss: 0.1649, step time: 1.0234
Batch 7/248, train_loss: 0.0659, step time: 1.0186
Batch 8/248, train_loss: 0.5825, step time: 1.0298
Batch 9/248, train_loss: 0.0453, step time: 1.0189
Batch 10/248, train_loss: 0.2148, step time: 1.0307
Batch 11/248, train_loss: 0.1689, step time: 1.0292
Batch 12/248, train_loss: 0.3555, step time: 1.0247
Batch 13/248, train_loss: 0.2596, step time: 1.0188
Batch 14/248, train_loss: 0.0508, step time: 1.0084
Batch 15/248, train_loss: 0.3418, step time: 1.0358
Batch 16/248, train_loss: 0.1500, step time: 1.0191
Batch 17/248, train_loss: 0.2242, step time: 1.0150
Batch 18/248, train_loss: 0.2471, step time: 1.0384
Batch 19/248, train_loss: 0.1475, step time: 1.0264
Batch 20/248, train_loss: 0.1091, step time: 1.0384
Batch 21/248, train_loss: 0.0715, step time: 1.0280
Batch 22/248, train_loss: 0.4092, step time: 1.0287
Batch 23/248, train_loss: 0.4350, step time: 1.0219
Batch 24/248, train_loss: 0.1003, step time: 1.0249
Batch 25/248, train_loss: 0.0587, step time: 1.0437
Batch 26/248, train_loss: 0.3634, step time: 1.0330
Batch 27/248, train_loss: 0.0719, step time: 1.0244
Batch 28/248, train_loss: 0.1511, step time: 1.0258
Batch 29/248, train_loss: 0.3195, step time: 1.0501
Batch 30/248, train_loss: 0.5041, step time: 1.0402
Batch 31/248, train_loss: 0.2717, step time: 1.0268
Batch 32/248, train_loss: 0.0829, step time: 1.0405
Batch 33/248, train_loss: 0.0662, step time: 1.0348
Batch 34/248, train_loss: 0.0499, step time: 1.0322
Batch 35/248, train_loss: 0.0594, step time: 1.0494
Batch 36/248, train_loss: 0.3252, step time: 1.0506
Batch 37/248, train_loss: 0.1531, step time: 1.0268
Batch 38/248, train_loss: 0.2631, step time: 1.0281
Batch 39/248, train_loss: 0.1769, step time: 1.0311
Batch 40/248, train_loss: 0.6944, step time: 1.0303
Batch 41/248, train_loss: 0.1670, step time: 1.0530
Batch 42/248, train_loss: 0.0728, step time: 1.0324
Batch 43/248, train_loss: 0.0516, step time: 1.0451
Batch 44/248, train_loss: 0.2870, step time: 1.0276
Batch 45/248, train_loss: 0.4195, step time: 1.0469
Batch 46/248, train_loss: 0.1527, step time: 1.0332
Batch 47/248, train_loss: 0.0818, step time: 1.0389
Batch 48/248, train_loss: 0.2286, step time: 1.0374
Batch 49/248, train_loss: 0.3615, step time: 1.0363
Batch 50/248, train_loss: 0.1508, step time: 1.0388
Batch 51/248, train_loss: 0.1375, step time: 1.0399
Batch 52/248, train_loss: 0.1147, step time: 1.0480
Batch 53/248, train_loss: 0.3505, step time: 1.0501
Batch 54/248, train_loss: 0.2700, step time: 1.0516
Batch 55/248, train_loss: 0.2287, step time: 1.0284
Batch 56/248, train_loss: 0.2017, step time: 1.0502
Batch 57/248, train_loss: 0.2447, step time: 1.0338
Batch 58/248, train_loss: 0.0783, step time: 1.0416
Batch 59/248, train_loss: 0.0823, step time: 1.0275
Batch 60/248, train_loss: 0.0646, step time: 1.0480
Batch 61/248, train_loss: 0.0829, step time: 1.0320
Batch 62/248, train_loss: 0.2158, step time: 1.0248
Batch 63/248, train_loss: 0.4370, step time: 1.0304
Batch 64/248, train_loss: 0.3652, step time: 1.0373
Batch 65/248, train_loss: 0.2424, step time: 1.0217
```

Batch 66/248, train_loss: 0.1147, step time: 1.0262
Batch 67/248, train_loss: 0.0745, step time: 1.0434
Batch 68/248, train_loss: 0.1159, step time: 1.0512
Batch 69/248, train_loss: 0.3334, step time: 1.0400
Batch 70/248, train_loss: 0.1444, step time: 1.0408
Batch 71/248, train_loss: 0.1408, step time: 1.0476
Batch 72/248, train_loss: 0.0635, step time: 1.0238
Batch 73/248, train_loss: 0.0824, step time: 1.0529
Batch 74/248, train_loss: 0.9762, step time: 1.0312
Batch 75/248, train_loss: 0.1251, step time: 1.0233
Batch 76/248, train_loss: 0.4823, step time: 1.0486
Batch 77/248, train_loss: 0.6612, step time: 1.0489
Batch 78/248, train_loss: 0.1055, step time: 1.0475
Batch 79/248, train_loss: 0.1036, step time: 1.0265
Batch 80/248, train_loss: 0.1969, step time: 1.0440
Batch 81/248, train_loss: 0.1743, step time: 1.0429
Batch 82/248, train_loss: 0.1004, step time: 1.0267
Batch 83/248, train_loss: 0.5823, step time: 1.0344
Batch 84/248, train_loss: 0.1696, step time: 1.0239
Batch 85/248, train_loss: 0.3394, step time: 1.0465
Batch 86/248, train_loss: 0.2249, step time: 1.0255
Batch 87/248, train_loss: 0.4855, step time: 1.0299
Batch 88/248, train_loss: 0.3062, step time: 1.0281
Batch 89/248, train_loss: 0.0737, step time: 1.0333
Batch 90/248, train_loss: 0.1646, step time: 1.0359
Batch 91/248, train_loss: 0.5342, step time: 1.0361
Batch 92/248, train_loss: 0.1964, step time: 1.0372
Batch 93/248, train_loss: 0.1578, step time: 1.0266
Batch 94/248, train_loss: 0.2499, step time: 1.0489
Batch 95/248, train_loss: 0.1495, step time: 1.0245
Batch 96/248, train_loss: 0.1516, step time: 1.0243
Batch 97/248, train_loss: 0.2754, step time: 1.0390
Batch 98/248, train_loss: 0.1531, step time: 1.0484
Batch 99/248, train_loss: 0.2822, step time: 1.0316
Batch 100/248, train_loss: 0.2507, step time: 1.0402
Batch 101/248, train_loss: 0.0575, step time: 1.0493
Batch 102/248, train_loss: 0.1244, step time: 1.0263
Batch 103/248, train_loss: 0.2849, step time: 1.0359
Batch 104/248, train_loss: 0.3103, step time: 1.0411
Batch 105/248, train_loss: 0.0837, step time: 1.0443
Batch 106/248, train_loss: 0.1264, step time: 1.0505
Batch 107/248, train_loss: 0.2109, step time: 1.0411
Batch 108/248, train_loss: 0.4256, step time: 1.0599
Batch 109/248, train_loss: 0.2900, step time: 1.0226
Batch 110/248, train_loss: 0.2347, step time: 1.0521
Batch 111/248, train_loss: 0.0905, step time: 1.0284
Batch 112/248, train_loss: 0.0920, step time: 1.0328
Batch 113/248, train_loss: 0.5272, step time: 1.0364
Batch 114/248, train_loss: 0.1405, step time: 1.0406
Batch 115/248, train_loss: 0.1404, step time: 1.0357
Batch 116/248, train_loss: 0.0681, step time: 1.0348
Batch 117/248, train_loss: 0.9530, step time: 1.0292
Batch 118/248, train_loss: 0.1793, step time: 1.0435
Batch 119/248, train_loss: 0.2398, step time: 1.0389
Batch 120/248, train_loss: 0.2291, step time: 1.0336
Batch 121/248, train_loss: 0.3043, step time: 1.0270
Batch 122/248, train_loss: 0.4270, step time: 1.0371
Batch 123/248, train_loss: 0.0620, step time: 1.0366
Batch 124/248, train_loss: 0.2545, step time: 1.0561
Batch 125/248, train_loss: 0.4688, step time: 1.0561
Batch 126/248, train_loss: 0.2562, step time: 1.0326
Batch 127/248, train_loss: 0.1213, step time: 1.0376
Batch 128/248, train_loss: 0.1491, step time: 1.0464
Batch 129/248, train_loss: 0.0889, step time: 1.0332
Batch 130/248, train_loss: 0.0796, step time: 1.0454
Batch 131/248, train_loss: 0.3631, step time: 1.0231
Batch 132/248, train_loss: 0.1793, step time: 1.0350
Batch 133/248, train_loss: 0.1237, step time: 1.0365
Batch 134/248, train_loss: 0.4976, step time: 1.0248
Batch 135/248, train_loss: 0.2301, step time: 1.0331
Batch 136/248, train_loss: 0.1121, step time: 1.0365
Batch 137/248, train_loss: 0.1044, step time: 1.0336
Batch 138/248, train_loss: 0.0707, step time: 1.0549
Batch 139/248, train_loss: 0.1438, step time: 1.0444
Batch 140/248, train_loss: 0.1426, step time: 1.0506
Batch 141/248, train_loss: 0.1542, step time: 1.0268
Batch 142/248, train_loss: 0.4794, step time: 1.0457
Batch 143/248, train_loss: 0.2368, step time: 1.0557
Batch 144/248, train_loss: 0.1382, step time: 1.0257
Batch 145/248, train_loss: 0.0549, step time: 1.0297
Batch 146/248, train_loss: 0.3121, step time: 1.0251
Batch 147/248, train_loss: 0.0448, step time: 1.0388
Batch 148/248, train_loss: 0.4797, step time: 1.0415
Batch 149/248, train_loss: 0.1372, step time: 1.0342
Batch 150/248, train_loss: 0.2313, step time: 1.0342

Batch 151/248, train_loss: 0.2776, step time: 1.0543
Batch 152/248, train_loss: 0.0419, step time: 1.0264
Batch 153/248, train_loss: 0.1773, step time: 1.0493
Batch 154/248, train_loss: 0.4946, step time: 1.0496
Batch 155/248, train_loss: 0.1083, step time: 1.0340
Batch 156/248, train_loss: 0.1391, step time: 1.0267
Batch 157/248, train_loss: 0.2864, step time: 1.0490
Batch 158/248, train_loss: 0.9997, step time: 1.0426
Batch 159/248, train_loss: 0.3129, step time: 1.0499
Batch 160/248, train_loss: 0.0912, step time: 1.0280
Batch 161/248, train_loss: 0.0740, step time: 1.0534
Batch 162/248, train_loss: 0.0676, step time: 1.0406
Batch 163/248, train_loss: 0.1295, step time: 1.0268
Batch 164/248, train_loss: 0.1476, step time: 1.0293
Batch 165/248, train_loss: 0.3807, step time: 1.0393
Batch 166/248, train_loss: 0.1061, step time: 1.0404
Batch 167/248, train_loss: 0.1781, step time: 1.0418
Batch 168/248, train_loss: 0.1437, step time: 1.0350
Batch 169/248, train_loss: 0.1258, step time: 1.0445
Batch 170/248, train_loss: 0.5060, step time: 1.0531
Batch 171/248, train_loss: 0.0834, step time: 1.0510
Batch 172/248, train_loss: 0.4660, step time: 1.0270
Batch 173/248, train_loss: 0.0732, step time: 1.0439
Batch 174/248, train_loss: 0.7024, step time: 1.0501
Batch 175/248, train_loss: 0.0977, step time: 1.0319
Batch 176/248, train_loss: 0.3937, step time: 1.0243
Batch 177/248, train_loss: 0.2292, step time: 1.0555
Batch 178/248, train_loss: 0.1722, step time: 1.0468
Batch 179/248, train_loss: 0.0800, step time: 1.0272
Batch 180/248, train_loss: 0.3173, step time: 1.0236
Batch 181/248, train_loss: 0.0870, step time: 1.0297
Batch 182/248, train_loss: 0.7444, step time: 1.0322
Batch 183/248, train_loss: 0.0983, step time: 1.0410
Batch 184/248, train_loss: 0.1713, step time: 1.0459
Batch 185/248, train_loss: 0.0966, step time: 1.0397
Batch 186/248, train_loss: 0.0815, step time: 1.0229
Batch 187/248, train_loss: 0.1505, step time: 1.0406
Batch 188/248, train_loss: 0.2146, step time: 1.0306
Batch 189/248, train_loss: 0.4761, step time: 1.0352
Batch 190/248, train_loss: 0.1357, step time: 1.0333
Batch 191/248, train_loss: 0.6138, step time: 1.0345
Batch 192/248, train_loss: 0.2060, step time: 1.0374
Batch 193/248, train_loss: 0.2567, step time: 1.0274
Batch 194/248, train_loss: 0.0897, step time: 1.0379
Batch 195/248, train_loss: 0.6223, step time: 1.0427
Batch 196/248, train_loss: 0.6533, step time: 1.0276
Batch 197/248, train_loss: 0.1784, step time: 1.0541
Batch 198/248, train_loss: 0.5136, step time: 1.0492
Batch 199/248, train_loss: 0.1282, step time: 1.0246
Batch 200/248, train_loss: 0.1459, step time: 1.0413
Batch 201/248, train_loss: 0.1416, step time: 1.0254
Batch 202/248, train_loss: 0.3613, step time: 1.0234
Batch 203/248, train_loss: 0.5172, step time: 1.0243
Batch 204/248, train_loss: 0.1528, step time: 1.0487
Batch 205/248, train_loss: 0.2896, step time: 1.0266
Batch 206/248, train_loss: 0.3876, step time: 1.0404
Batch 207/248, train_loss: 0.0896, step time: 1.0312
Batch 208/248, train_loss: 0.1678, step time: 1.0453
Batch 209/248, train_loss: 0.1264, step time: 1.0351
Batch 210/248, train_loss: 0.0672, step time: 1.0249
Batch 211/248, train_loss: 0.0795, step time: 1.0356
Batch 212/248, train_loss: 0.2192, step time: 1.0238
Batch 213/248, train_loss: 0.1839, step time: 1.0313
Batch 214/248, train_loss: 0.0846, step time: 1.0318
Batch 215/248, train_loss: 0.2016, step time: 1.0388
Batch 216/248, train_loss: 0.1381, step time: 1.0268
Batch 217/248, train_loss: 0.2773, step time: 1.0381
Batch 218/248, train_loss: 0.7218, step time: 1.0541
Batch 219/248, train_loss: 0.0776, step time: 1.0474
Batch 220/248, train_loss: 0.2093, step time: 1.0518
Batch 221/248, train_loss: 0.2563, step time: 1.0338
Batch 222/248, train_loss: 0.2103, step time: 1.0273
Batch 223/248, train_loss: 0.0528, step time: 1.0289
Batch 224/248, train_loss: 0.0836, step time: 1.0322
Batch 225/248, train_loss: 0.1959, step time: 1.0260
Batch 226/248, train_loss: 0.1162, step time: 1.0529
Batch 227/248, train_loss: 0.0991, step time: 1.0497
Batch 228/248, train_loss: 0.1543, step time: 1.0329
Batch 229/248, train_loss: 0.0912, step time: 1.0413
Batch 230/248, train_loss: 0.0657, step time: 1.0432
Batch 231/248, train_loss: 0.3585, step time: 1.0527
Batch 232/248, train_loss: 0.0756, step time: 1.0529
Batch 233/248, train_loss: 0.8656, step time: 1.0378
Batch 234/248, train_loss: 0.4330, step time: 1.0538
Batch 235/248, train_loss: 0.2889, step time: 1.0457

```
Batch 236/248, train_loss: 0.7816, step time: 1.0415
Batch 237/248, train_loss: 0.1341, step time: 1.0469
Batch 238/248, train_loss: 0.1025, step time: 1.0484
Batch 239/248, train_loss: 0.0577, step time: 1.0356
Batch 240/248, train_loss: 0.2642, step time: 1.0354
Batch 241/248, train_loss: 0.6981, step time: 1.0308
Batch 242/248, train_loss: 0.1647, step time: 1.0252
Batch 243/248, train_loss: 0.3111, step time: 1.0347
Batch 244/248, train_loss: 0.4025, step time: 1.0219
Batch 245/248, train_loss: 0.0826, step time: 1.0523
Batch 246/248, train_loss: 0.5821, step time: 1.0529
Batch 247/248, train_loss: 0.0799, step time: 1.0300
Batch 248/248, train_loss: 0.9997, step time: 1.0411
```

Labels



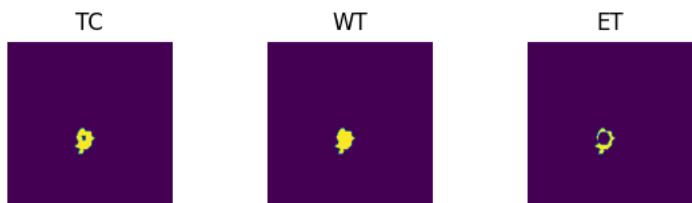
Predictions



VAL

```
Batch 1/31, val_loss: 0.8077
Batch 2/31, val_loss: 0.8136
Batch 3/31, val_loss: 0.9465
Batch 4/31, val_loss: 0.9193
Batch 5/31, val_loss: 0.9592
Batch 6/31, val_loss: 0.6438
Batch 7/31, val_loss: 0.7867
Batch 8/31, val_loss: 0.9194
Batch 9/31, val_loss: 0.6580
Batch 10/31, val_loss: 0.9309
Batch 11/31, val_loss: 0.7133
Batch 12/31, val_loss: 0.9446
Batch 13/31, val_loss: 0.8889
Batch 14/31, val_loss: 0.9125
Batch 15/31, val_loss: 0.9639
Batch 16/31, val_loss: 0.8722
Batch 17/31, val_loss: 0.9335
Batch 18/31, val_loss: 0.8939
Batch 19/31, val_loss: 0.7034
Batch 20/31, val_loss: 0.8310
Batch 21/31, val_loss: 0.9250
Batch 22/31, val_loss: 0.9538
Batch 23/31, val_loss: 0.9237
Batch 24/31, val_loss: 0.7059
Batch 25/31, val_loss: 0.7085
Batch 26/31, val_loss: 0.8196
Batch 27/31, val_loss: 0.9558
Batch 28/31, val_loss: 0.7421
Batch 29/31, val_loss: 0.9614
Batch 30/31, val_loss: 0.9343
Batch 31/31, val_loss: 0.9330
```

Labels



Predictions





```
epoch 95
average train loss: 0.2438
average validation loss: 0.8582
saved as best model: False
current mean dice: 0.5197
current TC dice: 0.5545
current WT dice: 0.5546
current ET dice: 0.4853
Best Mean Metric: 0.5454
time consuming of epoch 95 is: 1666.6726
```

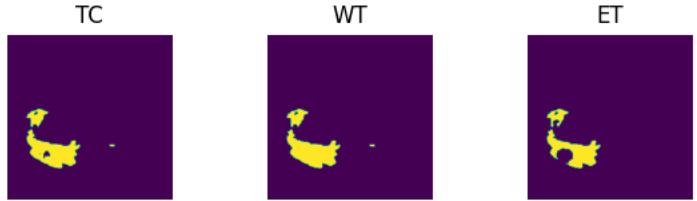
```
-----
epoch 96/100
TRAIN
Batch 1/248, train_loss: 0.0920, step time: 1.0458
Batch 2/248, train_loss: 0.7069, step time: 1.0589
Batch 3/248, train_loss: 0.2829, step time: 1.0441
Batch 4/248, train_loss: 0.9494, step time: 1.0347
Batch 5/248, train_loss: 0.1806, step time: 1.0352
Batch 6/248, train_loss: 0.1849, step time: 1.0415
Batch 7/248, train_loss: 0.0691, step time: 1.0356
Batch 8/248, train_loss: 0.5297, step time: 1.0370
Batch 9/248, train_loss: 0.0479, step time: 1.0288
Batch 10/248, train_loss: 0.2242, step time: 1.0287
Batch 11/248, train_loss: 0.1789, step time: 1.0337
Batch 12/248, train_loss: 0.2986, step time: 1.0486
Batch 13/248, train_loss: 0.2791, step time: 1.0383
Batch 14/248, train_loss: 0.0586, step time: 1.0522
Batch 15/248, train_loss: 0.3524, step time: 1.0393
Batch 16/248, train_loss: 0.1633, step time: 1.0371
Batch 17/248, train_loss: 0.2359, step time: 1.0357
Batch 18/248, train_loss: 0.2879, step time: 1.0565
Batch 19/248, train_loss: 0.0900, step time: 1.0311
Batch 20/248, train_loss: 0.0940, step time: 1.0293
Batch 21/248, train_loss: 0.0552, step time: 1.0288
Batch 22/248, train_loss: 0.3570, step time: 1.0245
Batch 23/248, train_loss: 0.2920, step time: 1.0381
Batch 24/248, train_loss: 0.0876, step time: 1.0379
Batch 25/248, train_loss: 0.0643, step time: 1.0272
Batch 26/248, train_loss: 0.3675, step time: 1.0448
Batch 27/248, train_loss: 0.0766, step time: 1.0339
Batch 28/248, train_loss: 0.1665, step time: 1.0403
Batch 29/248, train_loss: 0.3117, step time: 1.0429
Batch 30/248, train_loss: 0.2042, step time: 1.0330
Batch 31/248, train_loss: 0.2749, step time: 1.0423
Batch 32/248, train_loss: 0.0873, step time: 1.0460
Batch 33/248, train_loss: 0.0682, step time: 1.0357
Batch 34/248, train_loss: 0.0477, step time: 1.0341
Batch 35/248, train_loss: 0.0567, step time: 1.0448
Batch 36/248, train_loss: 0.3747, step time: 1.4487
Batch 37/248, train_loss: 0.1508, step time: 1.0570
Batch 38/248, train_loss: 0.2595, step time: 1.0437
Batch 39/248, train_loss: 0.1934, step time: 1.0313
Batch 40/248, train_loss: 0.5176, step time: 1.0510
Batch 41/248, train_loss: 0.1789, step time: 1.0261
Batch 42/248, train_loss: 0.0761, step time: 1.0530
Batch 43/248, train_loss: 0.0489, step time: 1.0269
Batch 44/248, train_loss: 0.1274, step time: 1.0529
Batch 45/248, train_loss: 0.4521, step time: 1.0238
Batch 46/248, train_loss: 0.1417, step time: 1.0362
Batch 47/248, train_loss: 0.0804, step time: 1.0433
Batch 48/248, train_loss: 0.1555, step time: 1.0336
Batch 49/248, train_loss: 0.3540, step time: 1.0400
Batch 50/248, train_loss: 0.1487, step time: 1.0308
Batch 51/248, train_loss: 0.1361, step time: 1.0374
Batch 52/248, train_loss: 0.1146, step time: 1.0417
Batch 53/248, train_loss: 0.3443, step time: 1.0471
Batch 54/248, train_loss: 0.2654, step time: 1.0524
Batch 55/248, train_loss: 0.2767, step time: 1.0417
Batch 56/248, train_loss: 0.1761, step time: 1.0245
Batch 57/248, train_loss: 0.2181, step time: 1.0376
Batch 58/248, train_loss: 0.0798, step time: 1.0409
Batch 59/248, train_loss: 0.0815, step time: 1.0371
Batch 60/248, train_loss: 0.0596, step time: 1.0365
Batch 61/248, train_loss: 0.0860, step time: 1.0353
Batch 62/248, train_loss: 0.2152, step time: 1.0300
Batch 63/248, train_loss: 0.4447, step time: 1.0325
Batch 64/248, train_loss: 0.3379, step time: 1.0472
Batch 65/248, train_loss: 0.2353, step time: 1.0340
```

Batch 66/248, train_loss: 0.1151, step time: 1.0362
Batch 67/248, train_loss: 0.0758, step time: 1.0479
Batch 68/248, train_loss: 0.1106, step time: 1.0329
Batch 69/248, train_loss: 0.3257, step time: 1.0340
Batch 70/248, train_loss: 0.1455, step time: 1.0402
Batch 71/248, train_loss: 0.1266, step time: 1.0509
Batch 72/248, train_loss: 0.0628, step time: 1.0401
Batch 73/248, train_loss: 0.0800, step time: 1.0288
Batch 74/248, train_loss: 0.9618, step time: 1.0302
Batch 75/248, train_loss: 0.1194, step time: 1.0242
Batch 76/248, train_loss: 0.4355, step time: 1.0488
Batch 77/248, train_loss: 0.7238, step time: 1.0526
Batch 78/248, train_loss: 0.1063, step time: 1.0291
Batch 79/248, train_loss: 0.1086, step time: 1.0322
Batch 80/248, train_loss: 0.1859, step time: 1.0470
Batch 81/248, train_loss: 0.1717, step time: 1.0538
Batch 82/248, train_loss: 0.0951, step time: 1.0487
Batch 83/248, train_loss: 0.5713, step time: 1.0234
Batch 84/248, train_loss: 0.1761, step time: 1.0547
Batch 85/248, train_loss: 0.3353, step time: 1.0349
Batch 86/248, train_loss: 0.2238, step time: 1.0462
Batch 87/248, train_loss: 0.5477, step time: 1.0286
Batch 88/248, train_loss: 0.2923, step time: 1.0329
Batch 89/248, train_loss: 0.0739, step time: 1.0347
Batch 90/248, train_loss: 0.1669, step time: 1.0520
Batch 91/248, train_loss: 0.3263, step time: 1.0316
Batch 92/248, train_loss: 0.2149, step time: 1.0434
Batch 93/248, train_loss: 0.1619, step time: 1.0297
Batch 94/248, train_loss: 0.2456, step time: 1.0409
Batch 95/248, train_loss: 0.1276, step time: 1.0500
Batch 96/248, train_loss: 0.1462, step time: 1.0335
Batch 97/248, train_loss: 0.2281, step time: 1.0278
Batch 98/248, train_loss: 0.1075, step time: 1.0306
Batch 99/248, train_loss: 0.2891, step time: 1.0314
Batch 100/248, train_loss: 0.2392, step time: 1.0389
Batch 101/248, train_loss: 0.0553, step time: 1.0515
Batch 102/248, train_loss: 0.1211, step time: 1.0344
Batch 103/248, train_loss: 0.3014, step time: 1.0204
Batch 104/248, train_loss: 0.2932, step time: 1.0320
Batch 105/248, train_loss: 0.0840, step time: 1.0243
Batch 106/248, train_loss: 0.1199, step time: 1.0415
Batch 107/248, train_loss: 0.2139, step time: 1.0238
Batch 108/248, train_loss: 0.3838, step time: 1.0419
Batch 109/248, train_loss: 0.2868, step time: 1.0347
Batch 110/248, train_loss: 0.2361, step time: 1.0233
Batch 111/248, train_loss: 0.0893, step time: 1.0251
Batch 112/248, train_loss: 0.0986, step time: 1.0273
Batch 113/248, train_loss: 0.5308, step time: 1.0246
Batch 114/248, train_loss: 0.1287, step time: 1.0457
Batch 115/248, train_loss: 0.1527, step time: 1.0515
Batch 116/248, train_loss: 0.0684, step time: 1.0271
Batch 117/248, train_loss: 0.5672, step time: 1.0341
Batch 118/248, train_loss: 0.1742, step time: 1.0412
Batch 119/248, train_loss: 0.2191, step time: 1.0267
Batch 120/248, train_loss: 0.2199, step time: 1.0338
Batch 121/248, train_loss: 0.3067, step time: 1.0433
Batch 122/248, train_loss: 0.3604, step time: 1.0325
Batch 123/248, train_loss: 0.0632, step time: 1.0382
Batch 124/248, train_loss: 0.2382, step time: 1.0391
Batch 125/248, train_loss: 0.4401, step time: 1.0473
Batch 126/248, train_loss: 0.1592, step time: 1.0434
Batch 127/248, train_loss: 0.1139, step time: 1.0424
Batch 128/248, train_loss: 0.1653, step time: 1.0444
Batch 129/248, train_loss: 0.0952, step time: 1.0399
Batch 130/248, train_loss: 0.0789, step time: 1.0297
Batch 131/248, train_loss: 0.3245, step time: 1.0416
Batch 132/248, train_loss: 0.1802, step time: 1.0329
Batch 133/248, train_loss: 0.1394, step time: 1.0373
Batch 134/248, train_loss: 0.4732, step time: 1.0326
Batch 135/248, train_loss: 0.1988, step time: 1.0318
Batch 136/248, train_loss: 0.1168, step time: 1.0353
Batch 137/248, train_loss: 0.1062, step time: 1.0426
Batch 138/248, train_loss: 0.0643, step time: 1.0365
Batch 139/248, train_loss: 0.1506, step time: 1.0475
Batch 140/248, train_loss: 0.1545, step time: 1.0442
Batch 141/248, train_loss: 0.1493, step time: 1.0474
Batch 142/248, train_loss: 0.4659, step time: 1.0339
Batch 143/248, train_loss: 0.2175, step time: 1.0302
Batch 144/248, train_loss: 0.1376, step time: 1.0505
Batch 145/248, train_loss: 0.0550, step time: 1.0339
Batch 146/248, train_loss: 0.2697, step time: 1.0206
Batch 147/248, train_loss: 0.0485, step time: 1.0456
Batch 148/248, train_loss: 0.4665, step time: 1.0326
Batch 149/248, train_loss: 0.1349, step time: 1.0425
Batch 150/248, train_loss: 0.2462, step time: 1.0346

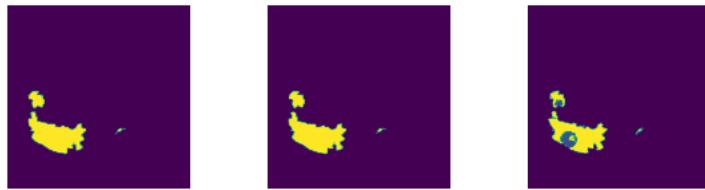
Batch 151/248, train_loss: 0.2754, step time: 1.0215
Batch 152/248, train_loss: 0.0422, step time: 1.0311
Batch 153/248, train_loss: 0.1672, step time: 1.0176
Batch 154/248, train_loss: 0.5139, step time: 1.0115
Batch 155/248, train_loss: 0.1271, step time: 1.0277
Batch 156/248, train_loss: 0.1356, step time: 1.0194
Batch 157/248, train_loss: 0.2877, step time: 1.0090
Batch 158/248, train_loss: 0.9992, step time: 1.0100
Batch 159/248, train_loss: 0.2944, step time: 1.0072
Batch 160/248, train_loss: 0.0932, step time: 1.0238
Batch 161/248, train_loss: 0.0658, step time: 1.0071
Batch 162/248, train_loss: 0.0634, step time: 1.0254
Batch 163/248, train_loss: 0.1235, step time: 1.0199
Batch 164/248, train_loss: 0.1429, step time: 1.0277
Batch 165/248, train_loss: 0.4189, step time: 1.0319
Batch 166/248, train_loss: 0.0924, step time: 1.0251
Batch 167/248, train_loss: 0.1813, step time: 1.0087
Batch 168/248, train_loss: 0.1455, step time: 1.0337
Batch 169/248, train_loss: 0.1221, step time: 1.0213
Batch 170/248, train_loss: 0.4650, step time: 1.0180
Batch 171/248, train_loss: 0.0794, step time: 1.0130
Batch 172/248, train_loss: 0.4591, step time: 1.0337
Batch 173/248, train_loss: 0.0653, step time: 1.0083
Batch 174/248, train_loss: 0.5811, step time: 1.0200
Batch 175/248, train_loss: 0.0964, step time: 1.0147
Batch 176/248, train_loss: 0.3853, step time: 1.0336
Batch 177/248, train_loss: 0.2261, step time: 1.0264
Batch 178/248, train_loss: 0.1664, step time: 1.0135
Batch 179/248, train_loss: 0.0795, step time: 1.0230
Batch 180/248, train_loss: 0.1598, step time: 1.0192
Batch 181/248, train_loss: 0.0834, step time: 1.0056
Batch 182/248, train_loss: 0.2856, step time: 1.0074
Batch 183/248, train_loss: 0.0970, step time: 1.0054
Batch 184/248, train_loss: 0.1701, step time: 1.0161
Batch 185/248, train_loss: 0.0991, step time: 1.0142
Batch 186/248, train_loss: 0.0815, step time: 1.0131
Batch 187/248, train_loss: 0.1660, step time: 1.0072
Batch 188/248, train_loss: 0.1970, step time: 1.0308
Batch 189/248, train_loss: 0.4112, step time: 1.0255
Batch 190/248, train_loss: 0.1342, step time: 1.0202
Batch 191/248, train_loss: 0.6033, step time: 1.0114
Batch 192/248, train_loss: 0.1853, step time: 1.0104
Batch 193/248, train_loss: 0.2370, step time: 1.0241
Batch 194/248, train_loss: 0.0815, step time: 1.0234
Batch 195/248, train_loss: 0.6221, step time: 1.0247
Batch 196/248, train_loss: 0.8006, step time: 1.0060
Batch 197/248, train_loss: 0.1749, step time: 1.0152
Batch 198/248, train_loss: 0.5196, step time: 1.0074
Batch 199/248, train_loss: 0.1301, step time: 1.0161
Batch 200/248, train_loss: 0.1466, step time: 1.0189
Batch 201/248, train_loss: 0.1165, step time: 1.0283
Batch 202/248, train_loss: 0.3742, step time: 1.0061
Batch 203/248, train_loss: 0.3611, step time: 1.0216
Batch 204/248, train_loss: 0.1131, step time: 1.0122
Batch 205/248, train_loss: 0.2855, step time: 1.0197
Batch 206/248, train_loss: 0.2734, step time: 1.0199
Batch 207/248, train_loss: 0.0788, step time: 1.0203
Batch 208/248, train_loss: 0.1311, step time: 1.0259
Batch 209/248, train_loss: 0.1256, step time: 1.0108
Batch 210/248, train_loss: 0.0613, step time: 1.0131
Batch 211/248, train_loss: 0.0776, step time: 1.0127
Batch 212/248, train_loss: 0.1877, step time: 1.0159
Batch 213/248, train_loss: 0.1584, step time: 1.0112
Batch 214/248, train_loss: 0.0909, step time: 1.0103
Batch 215/248, train_loss: 0.1928, step time: 1.0187
Batch 216/248, train_loss: 0.1315, step time: 1.0169
Batch 217/248, train_loss: 0.2594, step time: 1.0150
Batch 218/248, train_loss: 0.7158, step time: 1.0191
Batch 219/248, train_loss: 0.0836, step time: 1.0092
Batch 220/248, train_loss: 0.2210, step time: 1.0047
Batch 221/248, train_loss: 0.2670, step time: 1.0194
Batch 222/248, train_loss: 0.2437, step time: 1.0075
Batch 223/248, train_loss: 0.0520, step time: 1.0089
Batch 224/248, train_loss: 0.0906, step time: 1.0022
Batch 225/248, train_loss: 0.1844, step time: 1.0163
Batch 226/248, train_loss: 0.1190, step time: 1.0042
Batch 227/248, train_loss: 0.1040, step time: 1.0188
Batch 228/248, train_loss: 0.1635, step time: 1.0327
Batch 229/248, train_loss: 0.0906, step time: 1.0066
Batch 230/248, train_loss: 0.0644, step time: 1.0145
Batch 231/248, train_loss: 0.2991, step time: 1.0107
Batch 232/248, train_loss: 0.0743, step time: 1.0124
Batch 233/248, train_loss: 0.7239, step time: 1.0077
Batch 234/248, train_loss: 0.4176, step time: 1.0124
Batch 235/248, train_loss: 0.3628, step time: 1.0277

```
Batch 229/248, train_loss: 0.2020, step time: 1.0227  
Batch 230/248, train_loss: 0.1323, step time: 1.0094  
Batch 231/248, train_loss: 0.1009, step time: 1.0219  
Batch 232/248, train_loss: 0.0524, step time: 1.0285  
Batch 240/248, train_loss: 0.2548, step time: 1.0219  
Batch 241/248, train_loss: 0.6990, step time: 1.0090  
Batch 242/248, train_loss: 0.1718, step time: 1.0277  
Batch 243/248, train_loss: 0.3087, step time: 1.0114  
Batch 244/248, train_loss: 0.3370, step time: 1.0185  
Batch 245/248, train_loss: 0.0815, step time: 1.0213  
Batch 246/248, train_loss: 0.5650, step time: 1.0097  
Batch 247/248, train_loss: 0.0796, step time: 1.0042  
Batch 248/248, train_loss: 0.9998, step time: 1.0196
```

Labels



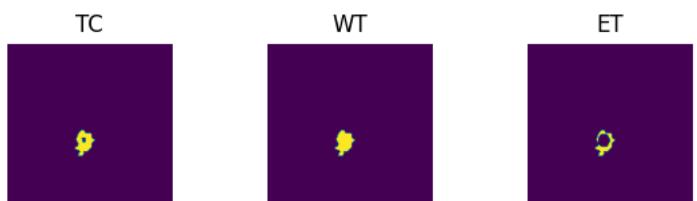
Predictions



VAL

```
Batch 1/31, val_loss: 0.7846  
Batch 2/31, val_loss: 0.8144  
Batch 3/31, val_loss: 0.9358  
Batch 4/31, val_loss: 0.9066  
Batch 5/31, val_loss: 0.9493  
Batch 6/31, val_loss: 0.6336  
Batch 7/31, val_loss: 0.7788  
Batch 8/31, val_loss: 0.9090  
Batch 9/31, val_loss: 0.6488  
Batch 10/31, val_loss: 0.8873  
Batch 11/31, val_loss: 0.6957  
Batch 12/31, val_loss: 0.9357  
Batch 13/31, val_loss: 0.8564  
Batch 14/31, val_loss: 0.9016  
Batch 15/31, val_loss: 0.9547  
Batch 16/31, val_loss: 0.8564  
Batch 17/31, val_loss: 0.9205  
Batch 18/31, val_loss: 0.8832  
Batch 19/31, val_loss: 0.6914  
Batch 20/31, val_loss: 0.8165  
Batch 21/31, val_loss: 0.9145  
Batch 22/31, val_loss: 0.9414  
Batch 23/31, val_loss: 0.9121  
Batch 24/31, val_loss: 0.6906  
Batch 25/31, val_loss: 0.6937  
Batch 26/31, val_loss: 0.8027  
Batch 27/31, val_loss: 0.9429  
Batch 28/31, val_loss: 0.7073  
Batch 29/31, val_loss: 0.9530  
Batch 30/31, val_loss: 0.9209  
Batch 31/31, val_loss: 0.9215
```

Labels



Predictions





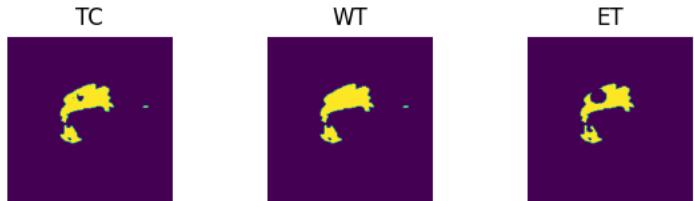
```
epoch 96
  average train loss: 0.2299
  average validation loss: 0.8439
  saved as best model: False
  current mean dice: 0.5395
  current TC dice: 0.5778
  current WT dice: 0.5816
  current ET dice: 0.5021
Best Mean Metric: 0.5454
time consuming of epoch 96 is: 1661.1540
-----
epoch 97/100
TRAIN
  Batch 1/248, train_loss: 0.0868, step time: 1.0166
  Batch 2/248, train_loss: 0.6592, step time: 1.0059
  Batch 3/248, train_loss: 0.3162, step time: 1.0078
  Batch 4/248, train_loss: 0.8937, step time: 1.0188
  Batch 5/248, train_loss: 0.1737, step time: 1.0267
  Batch 6/248, train_loss: 0.1724, step time: 1.0110
  Batch 7/248, train_loss: 0.0638, step time: 1.0221
  Batch 8/248, train_loss: 0.4927, step time: 1.0288
  Batch 9/248, train_loss: 0.0451, step time: 1.0211
  Batch 10/248, train_loss: 0.2405, step time: 1.0180
  Batch 11/248, train_loss: 0.1647, step time: 1.0085
  Batch 12/248, train_loss: 0.2753, step time: 1.0081
  Batch 13/248, train_loss: 0.2860, step time: 1.0146
  Batch 14/248, train_loss: 0.0521, step time: 1.0113
  Batch 15/248, train_loss: 0.3363, step time: 1.0315
  Batch 16/248, train_loss: 0.1522, step time: 1.0255
  Batch 17/248, train_loss: 0.2357, step time: 1.0135
  Batch 18/248, train_loss: 0.2715, step time: 1.0297
  Batch 19/248, train_loss: 0.1073, step time: 1.0178
  Batch 20/248, train_loss: 0.0943, step time: 1.0178
  Batch 21/248, train_loss: 0.0515, step time: 1.0215
  Batch 22/248, train_loss: 0.3639, step time: 1.0056
  Batch 23/248, train_loss: 0.2781, step time: 1.0272
  Batch 24/248, train_loss: 0.0934, step time: 1.0124
  Batch 25/248, train_loss: 0.0596, step time: 1.0196
  Batch 26/248, train_loss: 0.3726, step time: 1.0151
  Batch 27/248, train_loss: 0.0683, step time: 1.0182
  Batch 28/248, train_loss: 0.1449, step time: 1.0186
  Batch 29/248, train_loss: 0.3291, step time: 1.0200
  Batch 30/248, train_loss: 0.2157, step time: 1.0198
  Batch 31/248, train_loss: 0.2761, step time: 1.0102
  Batch 32/248, train_loss: 0.0836, step time: 1.0221
  Batch 33/248, train_loss: 0.0666, step time: 1.0244
  Batch 34/248, train_loss: 0.0483, step time: 1.0082
  Batch 35/248, train_loss: 0.0553, step time: 1.0173
  Batch 36/248, train_loss: 0.3184, step time: 1.0073
  Batch 37/248, train_loss: 0.1489, step time: 1.0126
  Batch 38/248, train_loss: 0.2531, step time: 1.0309
  Batch 39/248, train_loss: 0.1642, step time: 1.0145
  Batch 40/248, train_loss: 0.5510, step time: 1.0139
  Batch 41/248, train_loss: 0.1528, step time: 1.0028
  Batch 42/248, train_loss: 0.0769, step time: 1.0138
  Batch 43/248, train_loss: 0.0504, step time: 1.0169
  Batch 44/248, train_loss: 0.1150, step time: 1.0130
  Batch 45/248, train_loss: 0.4026, step time: 1.0162
  Batch 46/248, train_loss: 0.1377, step time: 1.0045
  Batch 47/248, train_loss: 0.0693, step time: 1.0098
  Batch 48/248, train_loss: 0.1975, step time: 1.0181
  Batch 49/248, train_loss: 0.3771, step time: 1.0216
  Batch 50/248, train_loss: 0.1433, step time: 1.0043
  Batch 51/248, train_loss: 0.1531, step time: 1.0124
  Batch 52/248, train_loss: 0.1171, step time: 1.0035
  Batch 53/248, train_loss: 0.3496, step time: 1.0048
  Batch 54/248, train_loss: 0.2665, step time: 1.0306
  Batch 55/248, train_loss: 0.2434, step time: 1.0059
  Batch 56/248, train_loss: 0.1771, step time: 1.0026
  Batch 57/248, train_loss: 0.2267, step time: 1.0196
  Batch 58/248, train_loss: 0.0742, step time: 1.0094
  Batch 59/248, train_loss: 0.0965, step time: 1.0082
  Batch 60/248, train_loss: 0.0649, step time: 1.0232
  Batch 61/248, train_loss: 0.0817, step time: 1.0022
  Batch 62/248, train_loss: 0.2228, step time: 1.0282
  Batch 63/248, train_loss: 0.4184, step time: 1.0276
  Batch 64/248, train_loss: 0.3374, step time: 1.0216
  Batch 65/248, train_loss: 0.2451, step time: 1.0296
```

Batch 55/248, train_loss: 0.1151, step time: 1.0229
Batch 66/248, train_loss: 0.1149, step time: 1.0108
Batch 67/248, train_loss: 0.0728, step time: 1.0141
Batch 68/248, train_loss: 0.0948, step time: 1.0303
Batch 69/248, train_loss: 0.3323, step time: 1.0241
Batch 70/248, train_loss: 0.1451, step time: 1.0318
Batch 71/248, train_loss: 0.1199, step time: 1.0171
Batch 72/248, train_loss: 0.0590, step time: 1.0085
Batch 73/248, train_loss: 0.1459, step time: 1.0389
Batch 74/248, train_loss: 0.9795, step time: 1.0266
Batch 75/248, train_loss: 0.1286, step time: 1.0256
Batch 76/248, train_loss: 0.4828, step time: 1.0363
Batch 77/248, train_loss: 0.6321, step time: 1.0371
Batch 78/248, train_loss: 0.1144, step time: 1.0198
Batch 79/248, train_loss: 0.1028, step time: 1.0214
Batch 80/248, train_loss: 0.1864, step time: 1.0274
Batch 81/248, train_loss: 0.1698, step time: 1.0261
Batch 82/248, train_loss: 0.0979, step time: 1.0207
Batch 83/248, train_loss: 0.5721, step time: 1.0357
Batch 84/248, train_loss: 0.1964, step time: 1.0270
Batch 85/248, train_loss: 0.3673, step time: 1.0435
Batch 86/248, train_loss: 0.2343, step time: 1.0467
Batch 87/248, train_loss: 0.4771, step time: 1.0410
Batch 88/248, train_loss: 0.3155, step time: 1.0359
Batch 89/248, train_loss: 0.0756, step time: 1.0201
Batch 90/248, train_loss: 0.1710, step time: 1.0355
Batch 91/248, train_loss: 0.3332, step time: 1.0249
Batch 92/248, train_loss: 0.2136, step time: 1.0227
Batch 93/248, train_loss: 0.1629, step time: 1.0257
Batch 94/248, train_loss: 0.2437, step time: 1.0419
Batch 95/248, train_loss: 0.1316, step time: 1.0463
Batch 96/248, train_loss: 0.1469, step time: 1.0243
Batch 97/248, train_loss: 0.2532, step time: 1.0298
Batch 98/248, train_loss: 0.1059, step time: 1.0311
Batch 99/248, train_loss: 0.2838, step time: 1.0418
Batch 100/248, train_loss: 0.2689, step time: 1.0481
Batch 101/248, train_loss: 0.0572, step time: 1.0385
Batch 102/248, train_loss: 0.0944, step time: 1.0201
Batch 103/248, train_loss: 0.2963, step time: 1.0457
Batch 104/248, train_loss: 0.2860, step time: 1.0290
Batch 105/248, train_loss: 0.0828, step time: 1.0229
Batch 106/248, train_loss: 0.1199, step time: 1.0325
Batch 107/248, train_loss: 0.2103, step time: 1.0556
Batch 108/248, train_loss: 0.4180, step time: 1.0389
Batch 109/248, train_loss: 0.2861, step time: 1.0344
Batch 110/248, train_loss: 0.2328, step time: 1.0273
Batch 111/248, train_loss: 0.0875, step time: 1.0323
Batch 112/248, train_loss: 0.1113, step time: 1.0359
Batch 113/248, train_loss: 0.5942, step time: 1.0280
Batch 114/248, train_loss: 0.1235, step time: 1.0425
Batch 115/248, train_loss: 0.1422, step time: 1.0401
Batch 116/248, train_loss: 0.0686, step time: 1.0445
Batch 117/248, train_loss: 0.5573, step time: 1.0259
Batch 118/248, train_loss: 0.1606, step time: 1.0375
Batch 119/248, train_loss: 0.2462, step time: 1.0319
Batch 120/248, train_loss: 0.2198, step time: 1.0417
Batch 121/248, train_loss: 0.2988, step time: 1.0308
Batch 122/248, train_loss: 0.3489, step time: 1.0428
Batch 123/248, train_loss: 0.0600, step time: 1.0452
Batch 124/248, train_loss: 0.2246, step time: 1.0412
Batch 125/248, train_loss: 0.4484, step time: 1.0361
Batch 126/248, train_loss: 0.1821, step time: 1.0394
Batch 127/248, train_loss: 0.1127, step time: 1.0483
Batch 128/248, train_loss: 0.1244, step time: 1.0344
Batch 129/248, train_loss: 0.0926, step time: 1.0445
Batch 130/248, train_loss: 0.0759, step time: 1.0379
Batch 131/248, train_loss: 0.3553, step time: 1.0349
Batch 132/248, train_loss: 0.1892, step time: 1.0198
Batch 133/248, train_loss: 0.1346, step time: 1.0390
Batch 134/248, train_loss: 0.4879, step time: 1.0249
Batch 135/248, train_loss: 0.1956, step time: 1.0317
Batch 136/248, train_loss: 0.1117, step time: 1.0346
Batch 137/248, train_loss: 0.1100, step time: 1.0537
Batch 138/248, train_loss: 0.0672, step time: 1.0376
Batch 139/248, train_loss: 0.1818, step time: 1.0303
Batch 140/248, train_loss: 0.1490, step time: 1.0393
Batch 141/248, train_loss: 0.1449, step time: 1.0343
Batch 142/248, train_loss: 0.4898, step time: 1.0433
Batch 143/248, train_loss: 0.2786, step time: 1.0430
Batch 144/248, train_loss: 0.1408, step time: 1.0367
Batch 145/248, train_loss: 0.0529, step time: 1.0478
Batch 146/248, train_loss: 0.3585, step time: 1.0256
Batch 147/248, train_loss: 0.0447, step time: 1.0299
Batch 148/248, train_loss: 0.4540, step time: 1.0298
Batch 149/248, train_loss: 0.1309, step time: 1.0533

Batch 150/248, train_loss: 0.2221, step time: 1.0295
Batch 151/248, train_loss: 0.2714, step time: 1.0391
Batch 152/248, train_loss: 0.0428, step time: 1.0375
Batch 153/248, train_loss: 0.1647, step time: 1.0392
Batch 154/248, train_loss: 0.5087, step time: 1.0286
Batch 155/248, train_loss: 0.1192, step time: 1.0501
Batch 156/248, train_loss: 0.1406, step time: 1.0430
Batch 157/248, train_loss: 0.2829, step time: 1.0363
Batch 158/248, train_loss: 0.9973, step time: 1.0232
Batch 159/248, train_loss: 0.3158, step time: 1.0247
Batch 160/248, train_loss: 0.0978, step time: 1.0393
Batch 161/248, train_loss: 0.0721, step time: 1.0503
Batch 162/248, train_loss: 0.0658, step time: 1.0483
Batch 163/248, train_loss: 0.1324, step time: 1.0285
Batch 164/248, train_loss: 0.1313, step time: 1.0308
Batch 165/248, train_loss: 0.3797, step time: 1.0508
Batch 166/248, train_loss: 0.1053, step time: 1.0442
Batch 167/248, train_loss: 0.1798, step time: 1.0469
Batch 168/248, train_loss: 0.1406, step time: 1.0313
Batch 169/248, train_loss: 0.1176, step time: 1.0381
Batch 170/248, train_loss: 0.4595, step time: 1.0222
Batch 171/248, train_loss: 0.0809, step time: 1.0224
Batch 172/248, train_loss: 0.4084, step time: 1.0357
Batch 173/248, train_loss: 0.0680, step time: 1.0389
Batch 174/248, train_loss: 0.6803, step time: 1.0492
Batch 175/248, train_loss: 0.1088, step time: 1.0358
Batch 176/248, train_loss: 0.3847, step time: 1.0378
Batch 177/248, train_loss: 0.2361, step time: 1.0533
Batch 178/248, train_loss: 0.1861, step time: 1.0234
Batch 179/248, train_loss: 0.0853, step time: 1.0254
Batch 180/248, train_loss: 0.1543, step time: 1.0417
Batch 181/248, train_loss: 0.0931, step time: 1.0357
Batch 182/248, train_loss: 0.6250, step time: 1.0522
Batch 183/248, train_loss: 0.0983, step time: 1.0353
Batch 184/248, train_loss: 0.1539, step time: 1.0479
Batch 185/248, train_loss: 0.0928, step time: 1.0417
Batch 186/248, train_loss: 0.0817, step time: 1.0348
Batch 187/248, train_loss: 0.1718, step time: 1.0248
Batch 188/248, train_loss: 0.2003, step time: 1.0345
Batch 189/248, train_loss: 0.3976, step time: 1.0438
Batch 190/248, train_loss: 0.1435, step time: 1.0285
Batch 191/248, train_loss: 0.6300, step time: 1.0472
Batch 192/248, train_loss: 0.1719, step time: 1.0367
Batch 193/248, train_loss: 0.2426, step time: 1.0295
Batch 194/248, train_loss: 0.0848, step time: 1.0498
Batch 195/248, train_loss: 0.6176, step time: 1.0455
Batch 196/248, train_loss: 0.6357, step time: 1.0456
Batch 197/248, train_loss: 0.1622, step time: 1.0398
Batch 198/248, train_loss: 0.5407, step time: 1.0493
Batch 199/248, train_loss: 0.1383, step time: 1.0554
Batch 200/248, train_loss: 0.1290, step time: 1.0335
Batch 201/248, train_loss: 0.1160, step time: 1.0231
Batch 202/248, train_loss: 0.3732, step time: 1.0474
Batch 203/248, train_loss: 0.3363, step time: 1.0364
Batch 204/248, train_loss: 0.1081, step time: 1.0323
Batch 205/248, train_loss: 0.2732, step time: 1.0246
Batch 206/248, train_loss: 0.2167, step time: 1.0315
Batch 207/248, train_loss: 0.0754, step time: 1.0361
Batch 208/248, train_loss: 0.1449, step time: 1.0412
Batch 209/248, train_loss: 0.1243, step time: 1.0374
Batch 210/248, train_loss: 0.0685, step time: 1.0387
Batch 211/248, train_loss: 0.0776, step time: 1.0390
Batch 212/248, train_loss: 0.2229, step time: 1.0439
Batch 213/248, train_loss: 0.1519, step time: 1.0480
Batch 214/248, train_loss: 0.0889, step time: 1.0304
Batch 215/248, train_loss: 0.1851, step time: 1.0299
Batch 216/248, train_loss: 0.1364, step time: 1.0460
Batch 217/248, train_loss: 0.2473, step time: 1.0326
Batch 218/248, train_loss: 0.7062, step time: 1.0470
Batch 219/248, train_loss: 0.0845, step time: 1.0382
Batch 220/248, train_loss: 0.2217, step time: 1.0295
Batch 221/248, train_loss: 0.2556, step time: 1.0528
Batch 222/248, train_loss: 0.2214, step time: 1.0254
Batch 223/248, train_loss: 0.0508, step time: 1.0366
Batch 224/248, train_loss: 0.0893, step time: 1.0316
Batch 225/248, train_loss: 0.1798, step time: 1.0215
Batch 226/248, train_loss: 0.1181, step time: 1.0213
Batch 227/248, train_loss: 0.1048, step time: 1.0361
Batch 228/248, train_loss: 0.1489, step time: 1.0382
Batch 229/248, train_loss: 0.0956, step time: 1.0335
Batch 230/248, train_loss: 0.0651, step time: 1.0390
Batch 231/248, train_loss: 0.2860, step time: 1.0293
Batch 232/248, train_loss: 0.0787, step time: 1.0300
Batch 233/248, train_loss: 0.7896, step time: 1.0271
Batch 234/248, train_loss: 0.4230, step time: 1.0517

```
Batch 235/248, train_loss: 0.2534, step time: 1.0323
Batch 236/248, train_loss: 0.7477, step time: 1.0461
Batch 237/248, train_loss: 0.1331, step time: 1.0368
Batch 238/248, train_loss: 0.0995, step time: 1.0256
Batch 239/248, train_loss: 0.0530, step time: 1.0206
Batch 240/248, train_loss: 0.2420, step time: 1.0319
Batch 241/248, train_loss: 0.6156, step time: 1.0460
Batch 242/248, train_loss: 0.1606, step time: 1.0441
Batch 243/248, train_loss: 0.3068, step time: 1.0384
Batch 244/248, train_loss: 0.3426, step time: 1.0361
Batch 245/248, train_loss: 0.0864, step time: 1.0262
Batch 246/248, train_loss: 0.5530, step time: 1.0238
Batch 247/248, train_loss: 0.0776, step time: 1.0480
Batch 248/248, train_loss: 0.9999, step time: 1.0308
```

Labels



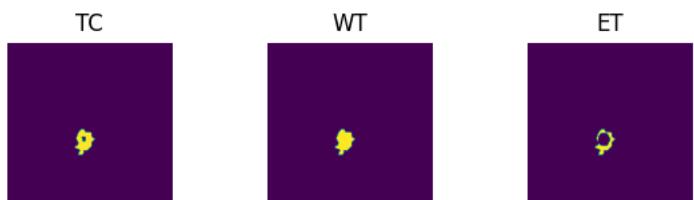
Predictions



VAL

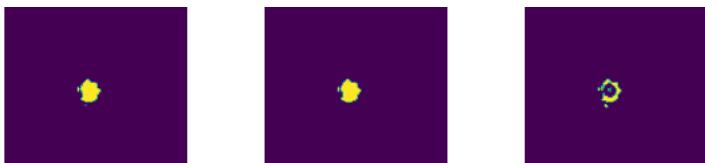
```
Batch 1/31, val_loss: 0.7901
Batch 2/31, val_loss: 0.8120
Batch 3/31, val_loss: 0.9375
Batch 4/31, val_loss: 0.9103
Batch 5/31, val_loss: 0.9492
Batch 6/31, val_loss: 0.6348
Batch 7/31, val_loss: 0.7773
Batch 8/31, val_loss: 0.9135
Batch 9/31, val_loss: 0.6477
Batch 10/31, val_loss: 0.8915
Batch 11/31, val_loss: 0.6986
Batch 12/31, val_loss: 0.9379
Batch 13/31, val_loss: 0.8591
Batch 14/31, val_loss: 0.9053
Batch 15/31, val_loss: 0.9540
Batch 16/31, val_loss: 0.8606
Batch 17/31, val_loss: 0.9220
Batch 18/31, val_loss: 0.8842
Batch 19/31, val_loss: 0.6936
Batch 20/31, val_loss: 0.8200
Batch 21/31, val_loss: 0.9135
Batch 22/31, val_loss: 0.9387
Batch 23/31, val_loss: 0.9141
Batch 24/31, val_loss: 0.6920
Batch 25/31, val_loss: 0.6961
Batch 26/31, val_loss: 0.8059
Batch 27/31, val_loss: 0.9480
Batch 28/31, val_loss: 0.7102
Batch 29/31, val_loss: 0.9543
Batch 30/31, val_loss: 0.9275
Batch 31/31, val_loss: 0.9223
```

Labels



Predictions





```
epoch 97
  average train loss: 0.2303
  average validation loss: 0.8459
  saved as best model: False
  current mean dice: 0.5228
  current TC dice: 0.5647
  current WT dice: 0.5642
  current ET dice: 0.4846
Best Mean Metric: 0.5454
time consuming of epoch 97 is: 1646.0587
-----
```

```
epoch 98/100
```

```
TRAIN
```

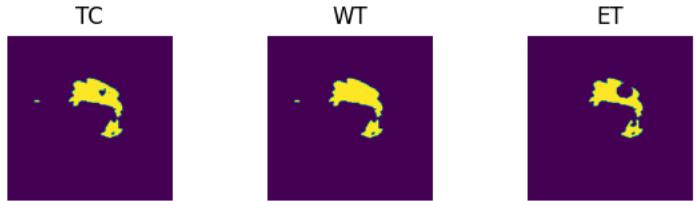
```
Batch 1/248, train_loss: 0.0763, step time: 1.0199
Batch 2/248, train_loss: 0.5912, step time: 1.0356
Batch 3/248, train_loss: 0.2569, step time: 1.0225
Batch 4/248, train_loss: 0.9279, step time: 1.0243
Batch 5/248, train_loss: 0.1767, step time: 1.0086
Batch 6/248, train_loss: 0.1605, step time: 1.0172
Batch 7/248, train_loss: 0.0664, step time: 1.0242
Batch 8/248, train_loss: 0.4507, step time: 1.0262
Batch 9/248, train_loss: 0.0439, step time: 1.0088
Batch 10/248, train_loss: 0.2416, step time: 1.0180
Batch 11/248, train_loss: 0.1633, step time: 1.0181
Batch 12/248, train_loss: 0.2837, step time: 1.0049
Batch 13/248, train_loss: 0.2614, step time: 1.0216
Batch 14/248, train_loss: 0.0560, step time: 1.0252
Batch 15/248, train_loss: 0.3285, step time: 1.0345
Batch 16/248, train_loss: 0.1529, step time: 1.0090
Batch 17/248, train_loss: 0.2185, step time: 1.0119
Batch 18/248, train_loss: 0.2410, step time: 1.0088
Batch 19/248, train_loss: 0.0991, step time: 1.0203
Batch 20/248, train_loss: 0.0896, step time: 1.0115
Batch 21/248, train_loss: 0.0573, step time: 1.0328
Batch 22/248, train_loss: 0.3899, step time: 1.0111
Batch 23/248, train_loss: 0.2969, step time: 1.0127
Batch 24/248, train_loss: 0.0920, step time: 1.0177
Batch 25/248, train_loss: 0.0605, step time: 1.0153
Batch 26/248, train_loss: 0.3596, step time: 1.0189
Batch 27/248, train_loss: 0.0741, step time: 1.0157
Batch 28/248, train_loss: 0.1645, step time: 1.0093
Batch 29/248, train_loss: 0.3448, step time: 1.0184
Batch 30/248, train_loss: 0.2505, step time: 1.0316
Batch 31/248, train_loss: 0.2866, step time: 1.0307
Batch 32/248, train_loss: 0.0840, step time: 1.0168
Batch 33/248, train_loss: 0.0701, step time: 1.0080
Batch 34/248, train_loss: 0.0460, step time: 1.0150
Batch 35/248, train_loss: 0.0540, step time: 1.0068
Batch 36/248, train_loss: 0.3109, step time: 1.0222
Batch 37/248, train_loss: 0.1482, step time: 1.0099
Batch 38/248, train_loss: 0.2520, step time: 1.0250
Batch 39/248, train_loss: 0.1671, step time: 1.0078
Batch 40/248, train_loss: 0.5221, step time: 1.0181
Batch 41/248, train_loss: 0.1668, step time: 1.0105
Batch 42/248, train_loss: 0.0766, step time: 1.0053
Batch 43/248, train_loss: 0.0520, step time: 1.0162
Batch 44/248, train_loss: 0.1215, step time: 1.0175
Batch 45/248, train_loss: 0.4046, step time: 1.0061
Batch 46/248, train_loss: 0.1302, step time: 1.0164
Batch 47/248, train_loss: 0.0747, step time: 1.0145
Batch 48/248, train_loss: 0.1642, step time: 1.0129
Batch 49/248, train_loss: 0.3586, step time: 1.0222
Batch 50/248, train_loss: 0.1510, step time: 1.0077
Batch 51/248, train_loss: 0.1439, step time: 1.0148
Batch 52/248, train_loss: 0.1317, step time: 1.0103
Batch 53/248, train_loss: 0.3260, step time: 1.0100
Batch 54/248, train_loss: 0.2681, step time: 1.0122
Batch 55/248, train_loss: 0.2291, step time: 1.0076
Batch 56/248, train_loss: 0.1748, step time: 1.0187
Batch 57/248, train_loss: 0.2178, step time: 1.0257
Batch 58/248, train_loss: 0.0769, step time: 1.0188
Batch 59/248, train_loss: 0.0902, step time: 1.0112
Batch 60/248, train_loss: 0.0616, step time: 1.0138
Batch 61/248, train_loss: 0.0824, step time: 1.0050
Batch 62/248, train_loss: 0.2253, step time: 1.0116
Batch 63/248, train_loss: 0.3866, step time: 1.0170
Batch 64/248, train_loss: 0.3380, step time: 1.0295
-----
```

Batch 65/248, train_loss: 0.2832, step time: 1.0118
Batch 66/248, train_loss: 0.1140, step time: 1.0223
Batch 67/248, train_loss: 0.0739, step time: 1.0281
Batch 68/248, train_loss: 0.1042, step time: 1.0269
Batch 69/248, train_loss: 0.3454, step time: 1.0169
Batch 70/248, train_loss: 0.1434, step time: 1.0155
Batch 71/248, train_loss: 0.1200, step time: 1.0119
Batch 72/248, train_loss: 0.0577, step time: 1.0119
Batch 73/248, train_loss: 0.0946, step time: 1.0036
Batch 74/248, train_loss: 0.9809, step time: 1.0059
Batch 75/248, train_loss: 0.1260, step time: 1.0044
Batch 76/248, train_loss: 0.4727, step time: 1.0279
Batch 77/248, train_loss: 0.6535, step time: 1.0093
Batch 78/248, train_loss: 0.1077, step time: 1.0093
Batch 79/248, train_loss: 0.1121, step time: 1.0160
Batch 80/248, train_loss: 0.1866, step time: 1.0282
Batch 81/248, train_loss: 0.1825, step time: 1.0073
Batch 82/248, train_loss: 0.0974, step time: 1.0040
Batch 83/248, train_loss: 0.5797, step time: 1.0109
Batch 84/248, train_loss: 0.1911, step time: 1.0186
Batch 85/248, train_loss: 0.3382, step time: 1.0080
Batch 86/248, train_loss: 0.2394, step time: 1.0172
Batch 87/248, train_loss: 0.4733, step time: 1.0300
Batch 88/248, train_loss: 0.2924, step time: 1.0054
Batch 89/248, train_loss: 0.0734, step time: 1.0154
Batch 90/248, train_loss: 0.1645, step time: 1.0062
Batch 91/248, train_loss: 0.3385, step time: 1.0071
Batch 92/248, train_loss: 0.2028, step time: 1.0032
Batch 93/248, train_loss: 0.1622, step time: 1.0109
Batch 94/248, train_loss: 0.2386, step time: 1.0276
Batch 95/248, train_loss: 0.1383, step time: 1.0166
Batch 96/248, train_loss: 0.1437, step time: 1.0038
Batch 97/248, train_loss: 0.3454, step time: 1.0057
Batch 98/248, train_loss: 0.1039, step time: 1.0049
Batch 99/248, train_loss: 0.2726, step time: 1.0103
Batch 100/248, train_loss: 0.2591, step time: 1.0190
Batch 101/248, train_loss: 0.0535, step time: 1.0248
Batch 102/248, train_loss: 0.1013, step time: 1.0040
Batch 103/248, train_loss: 0.2965, step time: 1.0212
Batch 104/248, train_loss: 0.2893, step time: 1.0112
Batch 105/248, train_loss: 0.0865, step time: 1.0044
Batch 106/248, train_loss: 0.1226, step time: 1.0148
Batch 107/248, train_loss: 0.2117, step time: 1.0067
Batch 108/248, train_loss: 0.3848, step time: 1.0240
Batch 109/248, train_loss: 0.2927, step time: 1.0129
Batch 110/248, train_loss: 0.2067, step time: 1.0296
Batch 111/248, train_loss: 0.0957, step time: 1.0232
Batch 112/248, train_loss: 0.1094, step time: 1.0115
Batch 113/248, train_loss: 0.5217, step time: 1.0123
Batch 114/248, train_loss: 0.1236, step time: 1.0272
Batch 115/248, train_loss: 0.1323, step time: 1.0052
Batch 116/248, train_loss: 0.0666, step time: 1.0109
Batch 117/248, train_loss: 0.6254, step time: 1.0051
Batch 118/248, train_loss: 0.1343, step time: 1.0148
Batch 119/248, train_loss: 0.2135, step time: 1.0017
Batch 120/248, train_loss: 0.2202, step time: 1.0230
Batch 121/248, train_loss: 0.3042, step time: 1.0232
Batch 122/248, train_loss: 0.3654, step time: 1.0081
Batch 123/248, train_loss: 0.0622, step time: 1.0256
Batch 124/248, train_loss: 0.2308, step time: 1.0144
Batch 125/248, train_loss: 0.4206, step time: 1.0239
Batch 126/248, train_loss: 0.1447, step time: 1.0038
Batch 127/248, train_loss: 0.1161, step time: 1.0283
Batch 128/248, train_loss: 0.1363, step time: 1.0057
Batch 129/248, train_loss: 0.0934, step time: 1.0076
Batch 130/248, train_loss: 0.0748, step time: 1.0277
Batch 131/248, train_loss: 0.2913, step time: 1.0120
Batch 132/248, train_loss: 0.1786, step time: 1.0094
Batch 133/248, train_loss: 0.1336, step time: 1.0036
Batch 134/248, train_loss: 0.4848, step time: 1.0208
Batch 135/248, train_loss: 0.2112, step time: 1.0091
Batch 136/248, train_loss: 0.1142, step time: 1.0118
Batch 137/248, train_loss: 0.1031, step time: 1.0264
Batch 138/248, train_loss: 0.0670, step time: 1.0057
Batch 139/248, train_loss: 0.1238, step time: 1.0068
Batch 140/248, train_loss: 0.1541, step time: 1.0306
Batch 141/248, train_loss: 0.1418, step time: 1.0045
Batch 142/248, train_loss: 0.4705, step time: 1.0269
Batch 143/248, train_loss: 0.2197, step time: 1.0071
Batch 144/248, train_loss: 0.1392, step time: 1.0080
Batch 145/248, train_loss: 0.0513, step time: 1.0119
Batch 146/248, train_loss: 0.3246, step time: 1.0222
Batch 147/248, train_loss: 0.0467, step time: 1.0145
Batch 148/248, train_loss: 0.4387, step time: 1.0190
Batch 149/248, train_loss: 0.1320, step time: 1.0152

Batch 150/248, train_loss: 0.2201, step time: 1.0023
Batch 151/248, train_loss: 0.2729, step time: 1.0036
Batch 152/248, train_loss: 0.0414, step time: 1.0118
Batch 153/248, train_loss: 0.1569, step time: 1.0124
Batch 154/248, train_loss: 0.4807, step time: 1.0180
Batch 155/248, train_loss: 0.1007, step time: 1.0062
Batch 156/248, train_loss: 0.1449, step time: 1.0234
Batch 157/248, train_loss: 0.2858, step time: 1.0038
Batch 158/248, train_loss: 0.9909, step time: 1.0024
Batch 159/248, train_loss: 0.3074, step time: 1.0136
Batch 160/248, train_loss: 0.0857, step time: 1.0056
Batch 161/248, train_loss: 0.0641, step time: 1.0081
Batch 162/248, train_loss: 0.0702, step time: 1.0078
Batch 163/248, train_loss: 0.1243, step time: 1.0290
Batch 164/248, train_loss: 0.1499, step time: 1.0223
Batch 165/248, train_loss: 0.3649, step time: 1.0152
Batch 166/248, train_loss: 0.0861, step time: 1.0162
Batch 167/248, train_loss: 0.1760, step time: 1.0229
Batch 168/248, train_loss: 0.1424, step time: 1.0153
Batch 169/248, train_loss: 0.1161, step time: 1.0217
Batch 170/248, train_loss: 0.4385, step time: 1.0303
Batch 171/248, train_loss: 0.0800, step time: 1.0080
Batch 172/248, train_loss: 0.3801, step time: 1.0042
Batch 173/248, train_loss: 0.0635, step time: 1.0167
Batch 174/248, train_loss: 0.7723, step time: 1.0060
Batch 175/248, train_loss: 0.0969, step time: 1.0230
Batch 176/248, train_loss: 0.3730, step time: 1.0301
Batch 177/248, train_loss: 0.2302, step time: 1.0102
Batch 178/248, train_loss: 0.1642, step time: 1.0081
Batch 179/248, train_loss: 0.0804, step time: 1.0156
Batch 180/248, train_loss: 0.1631, step time: 1.0212
Batch 181/248, train_loss: 0.0902, step time: 1.0196
Batch 182/248, train_loss: 0.4118, step time: 1.0300
Batch 183/248, train_loss: 0.0913, step time: 1.0176
Batch 184/248, train_loss: 0.1621, step time: 1.0273
Batch 185/248, train_loss: 0.0909, step time: 1.0063
Batch 186/248, train_loss: 0.0818, step time: 1.0107
Batch 187/248, train_loss: 0.1605, step time: 1.0080
Batch 188/248, train_loss: 0.1901, step time: 1.0132
Batch 189/248, train_loss: 0.4036, step time: 1.0297
Batch 190/248, train_loss: 0.1327, step time: 1.0059
Batch 191/248, train_loss: 0.6000, step time: 1.0200
Batch 192/248, train_loss: 0.1921, step time: 1.0132
Batch 193/248, train_loss: 0.2462, step time: 1.0080
Batch 194/248, train_loss: 0.0818, step time: 1.0077
Batch 195/248, train_loss: 0.6219, step time: 1.0043
Batch 196/248, train_loss: 0.5995, step time: 1.0254
Batch 197/248, train_loss: 0.1729, step time: 1.0173
Batch 198/248, train_loss: 0.5909, step time: 1.0082
Batch 199/248, train_loss: 0.1264, step time: 1.0160
Batch 200/248, train_loss: 0.1310, step time: 1.0096
Batch 201/248, train_loss: 0.1131, step time: 1.0240
Batch 202/248, train_loss: 0.3741, step time: 1.0093
Batch 203/248, train_loss: 0.3788, step time: 1.0214
Batch 204/248, train_loss: 0.1106, step time: 1.0130
Batch 205/248, train_loss: 0.2817, step time: 1.0308
Batch 206/248, train_loss: 0.3102, step time: 1.0048
Batch 207/248, train_loss: 0.0705, step time: 1.0050
Batch 208/248, train_loss: 0.1137, step time: 1.0029
Batch 209/248, train_loss: 0.1250, step time: 1.0204
Batch 210/248, train_loss: 0.0678, step time: 1.0128
Batch 211/248, train_loss: 0.0770, step time: 1.0164
Batch 212/248, train_loss: 0.1754, step time: 1.0191
Batch 213/248, train_loss: 0.1550, step time: 1.0091
Batch 214/248, train_loss: 0.0874, step time: 1.0099
Batch 215/248, train_loss: 0.1720, step time: 1.0255
Batch 216/248, train_loss: 0.1296, step time: 1.0100
Batch 217/248, train_loss: 0.2613, step time: 1.0250
Batch 218/248, train_loss: 0.7210, step time: 1.0160
Batch 219/248, train_loss: 0.0821, step time: 1.0131
Batch 220/248, train_loss: 0.2107, step time: 1.0034
Batch 221/248, train_loss: 0.2703, step time: 1.0161
Batch 222/248, train_loss: 0.2222, step time: 1.0279
Batch 223/248, train_loss: 0.0520, step time: 1.0064
Batch 224/248, train_loss: 0.0915, step time: 1.0231
Batch 225/248, train_loss: 0.2081, step time: 1.0039
Batch 226/248, train_loss: 0.1180, step time: 1.0053
Batch 227/248, train_loss: 0.1036, step time: 1.0172
Batch 228/248, train_loss: 0.1521, step time: 1.0133
Batch 229/248, train_loss: 0.0883, step time: 1.0221
Batch 230/248, train_loss: 0.0657, step time: 1.0223
Batch 231/248, train_loss: 0.2725, step time: 1.0064
Batch 232/248, train_loss: 0.0736, step time: 1.0263
Batch 233/248, train_loss: 0.8007, step time: 1.0243
Batch 234/248. train loss: 0.4066. step time: 1.0142

```
Batch 235/248, train_loss: 0.2502, step time: 1.0203
Batch 236/248, train_loss: 0.7263, step time: 1.0135
Batch 237/248, train_loss: 0.1359, step time: 1.0126
Batch 238/248, train_loss: 0.1056, step time: 1.0143
Batch 239/248, train_loss: 0.0491, step time: 1.0315
Batch 240/248, train_loss: 0.2215, step time: 1.0100
Batch 241/248, train_loss: 0.5367, step time: 1.0117
Batch 242/248, train_loss: 0.1654, step time: 1.0195
Batch 243/248, train_loss: 0.3689, step time: 1.0199
Batch 244/248, train_loss: 0.3371, step time: 1.0135
Batch 245/248, train_loss: 0.0876, step time: 1.0213
Batch 246/248, train_loss: 0.5325, step time: 1.0265
Batch 247/248, train_loss: 0.0732, step time: 1.0228
Batch 248/248, train_loss: 0.9999, step time: 1.0290
```

Labels



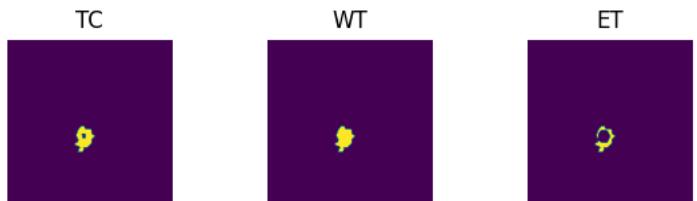
Predictions



VAL

```
Batch 1/31, val_loss: 0.7841
Batch 2/31, val_loss: 0.8133
Batch 3/31, val_loss: 0.9298
Batch 4/31, val_loss: 0.9034
Batch 5/31, val_loss: 0.9456
Batch 6/31, val_loss: 0.6299
Batch 7/31, val_loss: 0.7754
Batch 8/31, val_loss: 0.9020
Batch 9/31, val_loss: 0.6451
Batch 10/31, val_loss: 0.8740
Batch 11/31, val_loss: 0.6949
Batch 12/31, val_loss: 0.9310
Batch 13/31, val_loss: 0.8539
Batch 14/31, val_loss: 0.8993
Batch 15/31, val_loss: 0.9499
Batch 16/31, val_loss: 0.8561
Batch 17/31, val_loss: 0.9177
Batch 18/31, val_loss: 0.8776
Batch 19/31, val_loss: 0.6884
Batch 20/31, val_loss: 0.8147
Batch 21/31, val_loss: 0.9160
Batch 22/31, val_loss: 0.9300
Batch 23/31, val_loss: 0.9078
Batch 24/31, val_loss: 0.6891
Batch 25/31, val_loss: 0.6912
Batch 26/31, val_loss: 0.8026
Batch 27/31, val_loss: 0.9377
Batch 28/31, val_loss: 0.7036
Batch 29/31, val_loss: 0.9511
Batch 30/31, val_loss: 0.9227
Batch 31/31, val_loss: 0.9184
```

Labels



Predictions





```
epoch 98
average train loss: 0.2265
average validation loss: 0.8405
saved as best model: False
current mean dice: 0.5343
current TC dice: 0.5714
current WT dice: 0.5728
current ET dice: 0.5053
Best Mean Metric: 0.5454
time consuming of epoch 98 is: 1636.2128
-----
```

```
epoch 99/100
TRAIN
```

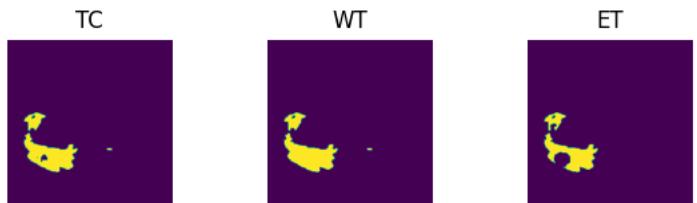
```
Batch 1/248, train_loss: 0.0723, step time: 1.0234
Batch 2/248, train_loss: 0.6098, step time: 1.0192
Batch 3/248, train_loss: 0.2806, step time: 1.0118
Batch 4/248, train_loss: 0.9392, step time: 1.0271
Batch 5/248, train_loss: 0.1780, step time: 1.0193
Batch 6/248, train_loss: 0.1561, step time: 1.0192
Batch 7/248, train_loss: 0.0650, step time: 1.0061
Batch 8/248, train_loss: 0.4550, step time: 1.0306
Batch 9/248, train_loss: 0.0456, step time: 1.0184
Batch 10/248, train_loss: 0.2279, step time: 1.0294
Batch 11/248, train_loss: 0.1616, step time: 1.0069
Batch 12/248, train_loss: 0.2916, step time: 1.0172
Batch 13/248, train_loss: 0.2780, step time: 1.0192
Batch 14/248, train_loss: 0.0549, step time: 1.0052
Batch 15/248, train_loss: 0.3509, step time: 1.0168
Batch 16/248, train_loss: 0.1518, step time: 1.0168
Batch 17/248, train_loss: 0.2207, step time: 1.0105
Batch 18/248, train_loss: 0.2673, step time: 1.0139
Batch 19/248, train_loss: 0.0845, step time: 1.0149
Batch 20/248, train_loss: 0.0991, step time: 1.0318
Batch 21/248, train_loss: 0.0529, step time: 1.0095
Batch 22/248, train_loss: 0.3677, step time: 1.0056
Batch 23/248, train_loss: 0.3089, step time: 1.0186
Batch 24/248, train_loss: 0.0910, step time: 1.0209
Batch 25/248, train_loss: 0.0602, step time: 1.0279
Batch 26/248, train_loss: 0.3571, step time: 1.0195
Batch 27/248, train_loss: 0.0733, step time: 1.0153
Batch 28/248, train_loss: 0.1437, step time: 1.0208
Batch 29/248, train_loss: 0.3907, step time: 1.0042
Batch 30/248, train_loss: 0.3844, step time: 1.0115
Batch 31/248, train_loss: 0.2755, step time: 1.0106
Batch 32/248, train_loss: 0.0867, step time: 1.0200
Batch 33/248, train_loss: 0.0665, step time: 1.0263
Batch 34/248, train_loss: 0.0459, step time: 1.0189
Batch 35/248, train_loss: 0.0572, step time: 1.0077
Batch 36/248, train_loss: 0.4156, step time: 1.0105
Batch 37/248, train_loss: 0.1484, step time: 1.0053
Batch 38/248, train_loss: 0.2496, step time: 1.0033
Batch 39/248, train_loss: 0.1700, step time: 1.0121
Batch 40/248, train_loss: 0.5508, step time: 1.0036
Batch 41/248, train_loss: 0.1641, step time: 1.0247
Batch 42/248, train_loss: 0.0709, step time: 1.0203
Batch 43/248, train_loss: 0.0453, step time: 1.0218
Batch 44/248, train_loss: 0.1139, step time: 1.0141
Batch 45/248, train_loss: 0.4059, step time: 1.0162
Batch 46/248, train_loss: 0.1379, step time: 1.0208
Batch 47/248, train_loss: 0.0720, step time: 1.0107
Batch 48/248, train_loss: 0.1637, step time: 1.0214
Batch 49/248, train_loss: 0.3655, step time: 1.0241
Batch 50/248, train_loss: 0.1505, step time: 1.0142
Batch 51/248, train_loss: 0.1362, step time: 1.0151
Batch 52/248, train_loss: 0.1207, step time: 1.0034
Batch 53/248, train_loss: 0.3398, step time: 1.0159
Batch 54/248, train_loss: 0.2692, step time: 1.0140
Batch 55/248, train_loss: 0.2325, step time: 1.0303
Batch 56/248, train_loss: 0.1740, step time: 1.0057
Batch 57/248, train_loss: 0.2228, step time: 1.0033
Batch 58/248, train_loss: 0.0770, step time: 1.0172
Batch 59/248, train_loss: 0.0817, step time: 1.0143
Batch 60/248, train_loss: 0.0621, step time: 1.0167
Batch 61/248, train_loss: 0.0868, step time: 1.0105
Batch 62/248, train_loss: 0.2234, step time: 1.0252
Batch 63/248, train_loss: 0.3919, step time: 1.0158
Batch 64/248, train_loss: 0.3598, step time: 1.0257
```

Batch 65/248, train_loss: 0.2437, step time: 1.0064
Batch 66/248, train_loss: 0.1101, step time: 1.0082
Batch 67/248, train_loss: 0.0762, step time: 1.0082
Batch 68/248, train_loss: 0.1054, step time: 1.0131
Batch 69/248, train_loss: 0.3600, step time: 1.0166
Batch 70/248, train_loss: 0.1450, step time: 1.0176
Batch 71/248, train_loss: 0.1159, step time: 1.0211
Batch 72/248, train_loss: 0.0588, step time: 1.0152
Batch 73/248, train_loss: 0.0743, step time: 1.0132
Batch 74/248, train_loss: 0.8894, step time: 0.9998
Batch 75/248, train_loss: 0.1261, step time: 1.0273
Batch 76/248, train_loss: 0.4714, step time: 1.0266
Batch 77/248, train_loss: 0.7393, step time: 1.0226
Batch 78/248, train_loss: 0.1103, step time: 1.0146
Batch 79/248, train_loss: 0.1113, step time: 1.0220
Batch 80/248, train_loss: 0.1882, step time: 1.0370
Batch 81/248, train_loss: 0.1591, step time: 1.0231
Batch 82/248, train_loss: 0.0916, step time: 1.0363
Batch 83/248, train_loss: 0.5753, step time: 1.0198
Batch 84/248, train_loss: 0.1836, step time: 1.0259
Batch 85/248, train_loss: 0.3357, step time: 1.0323
Batch 86/248, train_loss: 0.2434, step time: 1.0111
Batch 87/248, train_loss: 0.4718, step time: 1.0073
Batch 88/248, train_loss: 0.2955, step time: 1.0163
Batch 89/248, train_loss: 0.0721, step time: 1.0108
Batch 90/248, train_loss: 0.1708, step time: 1.0044
Batch 91/248, train_loss: 0.3323, step time: 1.0055
Batch 92/248, train_loss: 0.2157, step time: 1.0074
Batch 93/248, train_loss: 0.1586, step time: 1.0125
Batch 94/248, train_loss: 0.2348, step time: 1.0186
Batch 95/248, train_loss: 0.1528, step time: 1.0156
Batch 96/248, train_loss: 0.1426, step time: 1.0036
Batch 97/248, train_loss: 0.2762, step time: 1.0154
Batch 98/248, train_loss: 0.1038, step time: 1.0239
Batch 99/248, train_loss: 0.2833, step time: 1.0061
Batch 100/248, train_loss: 0.2672, step time: 1.0175
Batch 101/248, train_loss: 0.0565, step time: 1.0095
Batch 102/248, train_loss: 0.0892, step time: 1.0031
Batch 103/248, train_loss: 0.2925, step time: 1.0182
Batch 104/248, train_loss: 0.2747, step time: 1.0120
Batch 105/248, train_loss: 0.0839, step time: 1.0128
Batch 106/248, train_loss: 0.1320, step time: 1.0070
Batch 107/248, train_loss: 0.1915, step time: 1.0129
Batch 108/248, train_loss: 0.3840, step time: 1.0111
Batch 109/248, train_loss: 0.2562, step time: 1.0027
Batch 110/248, train_loss: 0.2185, step time: 1.0180
Batch 111/248, train_loss: 0.0903, step time: 1.0215
Batch 112/248, train_loss: 0.0867, step time: 1.0269
Batch 113/248, train_loss: 0.5336, step time: 1.0075
Batch 114/248, train_loss: 0.1274, step time: 1.0113
Batch 115/248, train_loss: 0.1375, step time: 1.0098
Batch 116/248, train_loss: 0.0648, step time: 1.0292
Batch 117/248, train_loss: 0.5397, step time: 1.0183
Batch 118/248, train_loss: 0.1304, step time: 1.0070
Batch 119/248, train_loss: 0.2489, step time: 1.0179
Batch 120/248, train_loss: 0.2187, step time: 1.0188
Batch 121/248, train_loss: 0.2923, step time: 1.0367
Batch 122/248, train_loss: 0.3546, step time: 1.0090
Batch 123/248, train_loss: 0.0557, step time: 1.0375
Batch 124/248, train_loss: 0.2284, step time: 1.0265
Batch 125/248, train_loss: 0.4250, step time: 1.0372
Batch 126/248, train_loss: 0.1608, step time: 1.0191
Batch 127/248, train_loss: 0.1106, step time: 1.0088
Batch 128/248, train_loss: 0.1341, step time: 1.0125
Batch 129/248, train_loss: 0.0967, step time: 1.0136
Batch 130/248, train_loss: 0.0787, step time: 1.0334
Batch 131/248, train_loss: 0.3056, step time: 1.0340
Batch 132/248, train_loss: 0.1586, step time: 1.0279
Batch 133/248, train_loss: 0.1483, step time: 1.0133
Batch 134/248, train_loss: 0.4809, step time: 1.0272
Batch 135/248, train_loss: 0.1847, step time: 1.0065
Batch 136/248, train_loss: 0.1093, step time: 1.0287
Batch 137/248, train_loss: 0.1093, step time: 1.0291
Batch 138/248, train_loss: 0.0659, step time: 1.0218
Batch 139/248, train_loss: 0.1271, step time: 1.0111
Batch 140/248, train_loss: 0.1362, step time: 1.0232
Batch 141/248, train_loss: 0.1581, step time: 1.0134
Batch 142/248, train_loss: 0.4600, step time: 1.0261
Batch 143/248, train_loss: 0.2355, step time: 1.0249
Batch 144/248, train_loss: 0.1398, step time: 1.0075
Batch 145/248, train_loss: 0.0514, step time: 1.0042
Batch 146/248, train_loss: 0.3299, step time: 1.0174
Batch 147/248, train_loss: 0.0454, step time: 1.0045
Batch 148/248, train_loss: 0.4235, step time: 1.0294
Batch 149/248, train_loss: 0.1249, step time: 1.0106

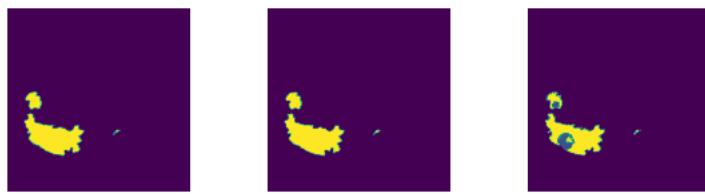
Batch 125/248, train_loss: 0.2210, step time: 1.0100
Batch 150/248, train_loss: 0.2068, step time: 1.0261
Batch 151/248, train_loss: 0.2689, step time: 1.0200
Batch 152/248, train_loss: 0.0434, step time: 1.0139
Batch 153/248, train_loss: 0.1560, step time: 1.0192
Batch 154/248, train_loss: 0.5105, step time: 1.0082
Batch 155/248, train_loss: 0.1043, step time: 1.0247
Batch 156/248, train_loss: 0.1425, step time: 1.0242
Batch 157/248, train_loss: 0.2746, step time: 1.0037
Batch 158/248, train_loss: 0.9912, step time: 1.0036
Batch 159/248, train_loss: 0.2933, step time: 1.0082
Batch 160/248, train_loss: 0.0832, step time: 1.0157
Batch 161/248, train_loss: 0.0726, step time: 1.0128
Batch 162/248, train_loss: 0.0689, step time: 1.0231
Batch 163/248, train_loss: 0.1317, step time: 1.4117
Batch 164/248, train_loss: 0.1556, step time: 1.0048
Batch 165/248, train_loss: 0.3753, step time: 1.0139
Batch 166/248, train_loss: 0.0867, step time: 1.0054
Batch 167/248, train_loss: 0.1748, step time: 1.0277
Batch 168/248, train_loss: 0.1403, step time: 1.0128
Batch 169/248, train_loss: 0.1185, step time: 1.0109
Batch 170/248, train_loss: 0.4403, step time: 1.0103
Batch 171/248, train_loss: 0.0819, step time: 1.0212
Batch 172/248, train_loss: 0.4087, step time: 1.0077
Batch 173/248, train_loss: 0.0651, step time: 1.0216
Batch 174/248, train_loss: 0.5969, step time: 1.0081
Batch 175/248, train_loss: 0.1001, step time: 1.0089
Batch 176/248, train_loss: 0.3859, step time: 1.0097
Batch 177/248, train_loss: 0.2249, step time: 1.0318
Batch 178/248, train_loss: 0.1616, step time: 1.0268
Batch 179/248, train_loss: 0.0777, step time: 1.0266
Batch 180/248, train_loss: 0.1563, step time: 1.0105
Batch 181/248, train_loss: 0.0815, step time: 1.0290
Batch 182/248, train_loss: 0.4357, step time: 1.0168
Batch 183/248, train_loss: 0.0955, step time: 1.0113
Batch 184/248, train_loss: 0.1581, step time: 1.0111
Batch 185/248, train_loss: 0.0928, step time: 1.0292
Batch 186/248, train_loss: 0.0812, step time: 1.0232
Batch 187/248, train_loss: 0.1636, step time: 1.0225
Batch 188/248, train_loss: 0.2005, step time: 1.0081
Batch 189/248, train_loss: 0.4311, step time: 1.0074
Batch 190/248, train_loss: 0.1252, step time: 1.0092
Batch 191/248, train_loss: 0.5998, step time: 1.0301
Batch 192/248, train_loss: 0.1875, step time: 1.0170
Batch 193/248, train_loss: 0.2424, step time: 1.0215
Batch 194/248, train_loss: 0.0836, step time: 1.0123
Batch 195/248, train_loss: 0.6134, step time: 1.0212
Batch 196/248, train_loss: 0.6403, step time: 1.0287
Batch 197/248, train_loss: 0.1807, step time: 1.0208
Batch 198/248, train_loss: 0.5576, step time: 1.0257
Batch 199/248, train_loss: 0.1401, step time: 1.0116
Batch 200/248, train_loss: 0.1432, step time: 1.0097
Batch 201/248, train_loss: 0.1139, step time: 1.0046
Batch 202/248, train_loss: 0.3570, step time: 1.0043
Batch 203/248, train_loss: 0.3518, step time: 1.0091
Batch 204/248, train_loss: 0.1065, step time: 1.0185
Batch 205/248, train_loss: 0.2754, step time: 1.0238
Batch 206/248, train_loss: 0.2723, step time: 1.0185
Batch 207/248, train_loss: 0.0757, step time: 1.0108
Batch 208/248, train_loss: 0.1383, step time: 1.0092
Batch 209/248, train_loss: 0.1206, step time: 1.0151
Batch 210/248, train_loss: 0.0643, step time: 1.0238
Batch 211/248, train_loss: 0.0752, step time: 1.0235
Batch 212/248, train_loss: 0.1997, step time: 1.0179
Batch 213/248, train_loss: 0.1553, step time: 1.0084
Batch 214/248, train_loss: 0.0844, step time: 1.0105
Batch 215/248, train_loss: 0.1663, step time: 1.0203
Batch 216/248, train_loss: 0.1504, step time: 1.0046
Batch 217/248, train_loss: 0.2523, step time: 1.0083
Batch 218/248, train_loss: 0.7208, step time: 1.0054
Batch 219/248, train_loss: 0.0735, step time: 1.0036
Batch 220/248, train_loss: 0.2153, step time: 1.0105
Batch 221/248, train_loss: 0.2644, step time: 1.0185
Batch 222/248, train_loss: 0.2098, step time: 1.0034
Batch 223/248, train_loss: 0.0509, step time: 1.0199
Batch 224/248, train_loss: 0.1219, step time: 1.0180
Batch 225/248, train_loss: 0.1793, step time: 1.0113
Batch 226/248, train_loss: 0.1157, step time: 1.0080
Batch 227/248, train_loss: 0.0950, step time: 1.0087
Batch 228/248, train_loss: 0.1544, step time: 1.0315
Batch 229/248, train_loss: 0.0876, step time: 1.0263
Batch 230/248, train_loss: 0.0658, step time: 1.0236
Batch 231/248, train_loss: 0.2996, step time: 1.0221
Batch 232/248, train_loss: 0.0774, step time: 1.0184
Batch 233/248, train_loss: 0.7446, step time: 1.0097
Data: 224/248 train_loss: 0.1057 step_time: 1.0221

```
Batch 234/248, train_loss: 0.4057, step time: 1.0284
Batch 235/248, train_loss: 0.2527, step time: 1.0190
Batch 236/248, train_loss: 0.7451, step time: 1.0216
Batch 237/248, train_loss: 0.1380, step time: 1.0105
Batch 238/248, train_loss: 0.1010, step time: 1.0223
Batch 239/248, train_loss: 0.0522, step time: 1.0043
Batch 240/248, train_loss: 0.2305, step time: 1.0044
Batch 241/248, train_loss: 0.5092, step time: 1.0165
Batch 242/248, train_loss: 0.1720, step time: 1.0172
Batch 243/248, train_loss: 0.3729, step time: 1.0125
Batch 244/248, train_loss: 0.3385, step time: 1.0177
Batch 245/248, train_loss: 0.0849, step time: 1.0308
Batch 246/248, train_loss: 0.5139, step time: 1.0275
Batch 247/248, train_loss: 0.0771, step time: 1.0120
Batch 248/248, train_loss: 0.9999, step time: 1.0050
```

Labels



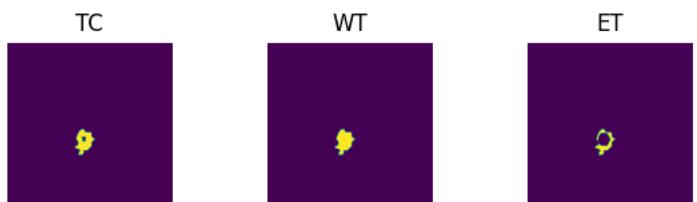
Predictions



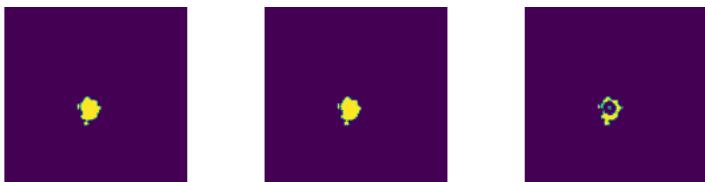
VAL

```
Batch 1/31, val_loss: 0.7802
Batch 2/31, val_loss: 0.8103
Batch 3/31, val_loss: 0.9282
Batch 4/31, val_loss: 0.9065
Batch 5/31, val_loss: 0.9434
Batch 6/31, val_loss: 0.6300
Batch 7/31, val_loss: 0.7818
Batch 8/31, val_loss: 0.9034
Batch 9/31, val_loss: 0.6422
Batch 10/31, val_loss: 0.8761
Batch 11/31, val_loss: 0.6956
Batch 12/31, val_loss: 0.9300
Batch 13/31, val_loss: 0.8516
Batch 14/31, val_loss: 0.8984
Batch 15/31, val_loss: 0.9481
Batch 16/31, val_loss: 0.8515
Batch 17/31, val_loss: 0.9190
Batch 18/31, val_loss: 0.8758
Batch 19/31, val_loss: 0.6878
Batch 20/31, val_loss: 0.8056
Batch 21/31, val_loss: 0.9151
Batch 22/31, val_loss: 0.9358
Batch 23/31, val_loss: 0.9049
Batch 24/31, val_loss: 0.6887
Batch 25/31, val_loss: 0.6944
Batch 26/31, val_loss: 0.7982
Batch 27/31, val_loss: 0.9380
Batch 28/31, val_loss: 0.7030
Batch 29/31, val_loss: 0.9493
Batch 30/31, val_loss: 0.9205
Batch 31/31, val_loss: 0.9159
```

Labels



Predictions



```
epoch 99
    average train loss: 0.2263
    average validation loss: 0.8397
    saved as best model: False
    current mean dice: 0.5240
    current TC dice: 0.5589
    current WT dice: 0.5607
    current ET dice: 0.4948
Best Mean Metric: 0.5454
time consuming of epoch 99 is: 1642.7718
```

```
-----  
epoch 100/100  
TRAIN
```

```
Batch 1/248, train_loss: 0.0802, step time: 1.0168
Batch 2/248, train_loss: 0.5738, step time: 1.0191
Batch 3/248, train_loss: 0.2673, step time: 1.0405
Batch 4/248, train_loss: 0.8824, step time: 1.0106
Batch 5/248, train_loss: 0.1729, step time: 1.0165
Batch 6/248, train_loss: 0.1714, step time: 1.0073
Batch 7/248, train_loss: 0.0632, step time: 1.0271
Batch 8/248, train_loss: 0.4649, step time: 1.0187
Batch 9/248, train_loss: 0.0438, step time: 1.0159
Batch 10/248, train_loss: 0.2092, step time: 1.0074
Batch 11/248, train_loss: 0.1559, step time: 1.0168
Batch 12/248, train_loss: 0.2721, step time: 1.0075
Batch 13/248, train_loss: 0.2562, step time: 1.0189
Batch 14/248, train_loss: 0.0531, step time: 1.0068
Batch 15/248, train_loss: 0.3311, step time: 1.0175
Batch 16/248, train_loss: 0.1570, step time: 1.0223
Batch 17/248, train_loss: 0.2303, step time: 1.0167
Batch 18/248, train_loss: 0.2808, step time: 1.0045
Batch 19/248, train_loss: 0.0898, step time: 1.0146
Batch 20/248, train_loss: 0.0956, step time: 1.0047
Batch 21/248, train_loss: 0.0537, step time: 1.0093
Batch 22/248, train_loss: 0.4594, step time: 1.0270
Batch 23/248, train_loss: 0.2297, step time: 1.0216
Batch 24/248, train_loss: 0.0904, step time: 1.0203
Batch 25/248, train_loss: 0.0628, step time: 1.0042
Batch 26/248, train_loss: 0.3397, step time: 1.0044
Batch 27/248, train_loss: 0.0715, step time: 1.0059
Batch 28/248, train_loss: 0.1401, step time: 1.0095
Batch 29/248, train_loss: 0.3107, step time: 1.0224
Batch 30/248, train_loss: 0.1948, step time: 1.0084
Batch 31/248, train_loss: 0.2711, step time: 1.0121
Batch 32/248, train_loss: 0.0898, step time: 1.0220
Batch 33/248, train_loss: 0.0650, step time: 1.0208
Batch 34/248, train_loss: 0.0487, step time: 1.0184
Batch 35/248, train_loss: 0.0559, step time: 1.0076
Batch 36/248, train_loss: 0.3368, step time: 1.0248
Batch 37/248, train_loss: 0.1604, step time: 1.0168
Batch 38/248, train_loss: 0.2725, step time: 1.0221
Batch 39/248, train_loss: 0.1685, step time: 1.0054
Batch 40/248, train_loss: 0.5382, step time: 1.0135
Batch 41/248, train_loss: 0.1910, step time: 1.0093
Batch 42/248, train_loss: 0.0779, step time: 1.0156
Batch 43/248, train_loss: 0.0503, step time: 1.0210
Batch 44/248, train_loss: 0.1185, step time: 1.0289
Batch 45/248, train_loss: 0.3978, step time: 1.0061
Batch 46/248, train_loss: 0.1318, step time: 1.0110
Batch 47/248, train_loss: 0.0790, step time: 1.0196
Batch 48/248, train_loss: 0.1865, step time: 1.0046
Batch 49/248, train_loss: 0.3667, step time: 1.0206
Batch 50/248, train_loss: 0.1577, step time: 1.0094
Batch 51/248, train_loss: 0.1271, step time: 1.0250
Batch 52/248, train_loss: 0.1201, step time: 1.0201
Batch 53/248, train_loss: 0.3488, step time: 1.0132
Batch 54/248, train_loss: 0.2707, step time: 1.0208
Batch 55/248, train_loss: 0.2382, step time: 1.0112
Batch 56/248, train_loss: 0.1892, step time: 1.0136
Batch 57/248, train_loss: 0.2314, step time: 1.0128
Batch 58/248, train_loss: 0.0758, step time: 1.0043
Batch 59/248, train_loss: 0.0913, step time: 1.0229
Batch 60/248, train_loss: 0.0629, step time: 1.0051
Batch 61/248, train_loss: 0.0774, step time: 1.0084
Batch 62/248, train_loss: 0.2227, step time: 1.0145
Batch 63/248, train_loss: 0.3963, step time: 1.0240
Batch 64/248, train_loss: 0.3616, step time: 1.0169
```

Batch 54/248, train_loss: 0.3010, step time: 1.0100
Batch 65/248, train_loss: 0.2206, step time: 1.0029
Batch 66/248, train_loss: 0.1107, step time: 1.0050
Batch 67/248, train_loss: 0.0724, step time: 1.0245
Batch 68/248, train_loss: 0.0975, step time: 1.0039
Batch 69/248, train_loss: 0.3340, step time: 1.0255
Batch 70/248, train_loss: 0.1511, step time: 1.0114
Batch 71/248, train_loss: 0.1354, step time: 1.0046
Batch 72/248, train_loss: 0.0580, step time: 1.0210
Batch 73/248, train_loss: 0.0755, step time: 1.0240
Batch 74/248, train_loss: 0.9820, step time: 1.0169
Batch 75/248, train_loss: 0.1186, step time: 1.0097
Batch 76/248, train_loss: 0.4206, step time: 1.0168
Batch 77/248, train_loss: 0.6237, step time: 1.0242
Batch 78/248, train_loss: 0.1113, step time: 1.0226
Batch 79/248, train_loss: 0.1069, step time: 1.0217
Batch 80/248, train_loss: 0.2036, step time: 1.0305
Batch 81/248, train_loss: 0.1668, step time: 1.0269
Batch 82/248, train_loss: 0.0943, step time: 1.0279
Batch 83/248, train_loss: 0.5555, step time: 1.0199
Batch 84/248, train_loss: 0.1818, step time: 1.0326
Batch 85/248, train_loss: 0.3435, step time: 1.0372
Batch 86/248, train_loss: 0.2251, step time: 1.0134
Batch 87/248, train_loss: 0.4861, step time: 1.0190
Batch 88/248, train_loss: 0.3157, step time: 1.0419
Batch 89/248, train_loss: 0.0745, step time: 1.0272
Batch 90/248, train_loss: 0.1616, step time: 1.0145
Batch 91/248, train_loss: 0.3299, step time: 1.0398
Batch 92/248, train_loss: 0.1933, step time: 1.0342
Batch 93/248, train_loss: 0.1560, step time: 1.0253
Batch 94/248, train_loss: 0.2820, step time: 1.0224
Batch 95/248, train_loss: 0.1320, step time: 1.0275
Batch 96/248, train_loss: 0.1411, step time: 1.0198
Batch 97/248, train_loss: 0.2773, step time: 1.0319
Batch 98/248, train_loss: 0.1063, step time: 1.0152
Batch 99/248, train_loss: 0.2856, step time: 1.0070
Batch 100/248, train_loss: 0.2387, step time: 1.0095
Batch 101/248, train_loss: 0.0577, step time: 1.0228
Batch 102/248, train_loss: 0.1003, step time: 1.0181
Batch 103/248, train_loss: 0.2926, step time: 1.0217
Batch 104/248, train_loss: 0.2852, step time: 1.0196
Batch 105/248, train_loss: 0.0834, step time: 1.0126
Batch 106/248, train_loss: 0.1271, step time: 1.0237
Batch 107/248, train_loss: 0.2038, step time: 1.0132
Batch 108/248, train_loss: 0.3940, step time: 1.0131
Batch 109/248, train_loss: 0.2651, step time: 1.0121
Batch 110/248, train_loss: 0.2094, step time: 1.0270
Batch 111/248, train_loss: 0.0896, step time: 1.0298
Batch 112/248, train_loss: 0.0849, step time: 1.0303
Batch 113/248, train_loss: 0.5436, step time: 1.0172
Batch 114/248, train_loss: 0.1219, step time: 1.0193
Batch 115/248, train_loss: 0.1373, step time: 1.0143
Batch 116/248, train_loss: 0.0694, step time: 1.0310
Batch 117/248, train_loss: 0.6612, step time: 1.0092
Batch 118/248, train_loss: 0.1641, step time: 1.0054
Batch 119/248, train_loss: 0.2093, step time: 1.0156
Batch 120/248, train_loss: 0.2214, step time: 1.0090
Batch 121/248, train_loss: 0.3033, step time: 1.0110
Batch 122/248, train_loss: 0.3841, step time: 1.0065
Batch 123/248, train_loss: 0.0629, step time: 1.0162
Batch 124/248, train_loss: 0.2277, step time: 1.0105
Batch 125/248, train_loss: 0.4549, step time: 1.0207
Batch 126/248, train_loss: 0.1572, step time: 1.0097
Batch 127/248, train_loss: 0.1084, step time: 1.0079
Batch 128/248, train_loss: 0.1312, step time: 1.0152
Batch 129/248, train_loss: 0.0907, step time: 1.0211
Batch 130/248, train_loss: 0.0748, step time: 1.0136
Batch 131/248, train_loss: 0.3052, step time: 1.0029
Batch 132/248, train_loss: 0.1719, step time: 1.0166
Batch 133/248, train_loss: 0.1198, step time: 1.0072
Batch 134/248, train_loss: 0.4849, step time: 1.0199
Batch 135/248, train_loss: 0.2067, step time: 1.0140
Batch 136/248, train_loss: 0.1097, step time: 1.0145
Batch 137/248, train_loss: 0.1117, step time: 1.0176
Batch 138/248, train_loss: 0.0632, step time: 1.0119
Batch 139/248, train_loss: 0.1347, step time: 1.0218
Batch 140/248, train_loss: 0.1581, step time: 1.0041
Batch 141/248, train_loss: 0.1392, step time: 1.0053
Batch 142/248, train_loss: 0.4538, step time: 1.0042
Batch 143/248, train_loss: 0.2171, step time: 1.0268
Batch 144/248, train_loss: 0.1385, step time: 1.0069
Batch 145/248, train_loss: 0.0539, step time: 1.0120
Batch 146/248, train_loss: 0.3141, step time: 1.0183
Batch 147/248, train_loss: 0.0464, step time: 1.0075
Batch 148/248, train_loss: 0.4204, step time: 1.0287

Batch 149/248, train_loss: 0.1237, step time: 1.0040
Batch 150/248, train_loss: 0.1858, step time: 1.0066
Batch 151/248, train_loss: 0.2687, step time: 1.0108
Batch 152/248, train_loss: 0.0419, step time: 1.0154
Batch 153/248, train_loss: 0.1598, step time: 1.0170
Batch 154/248, train_loss: 0.5032, step time: 1.0041
Batch 155/248, train_loss: 0.0993, step time: 1.0240
Batch 156/248, train_loss: 0.1436, step time: 1.0254
Batch 157/248, train_loss: 0.2875, step time: 1.0069
Batch 158/248, train_loss: 0.9989, step time: 1.0100
Batch 159/248, train_loss: 0.3113, step time: 1.0150
Batch 160/248, train_loss: 0.0904, step time: 1.0024
Batch 161/248, train_loss: 0.0651, step time: 1.0090
Batch 162/248, train_loss: 0.0711, step time: 1.0153
Batch 163/248, train_loss: 0.1243, step time: 1.0269
Batch 164/248, train_loss: 0.1424, step time: 1.0052
Batch 165/248, train_loss: 0.3622, step time: 1.0327
Batch 166/248, train_loss: 0.0913, step time: 1.0041
Batch 167/248, train_loss: 0.1793, step time: 1.0284
Batch 168/248, train_loss: 0.1388, step time: 1.0236
Batch 169/248, train_loss: 0.1206, step time: 1.0079
Batch 170/248, train_loss: 0.4310, step time: 1.0106
Batch 171/248, train_loss: 0.0802, step time: 1.0088
Batch 172/248, train_loss: 0.4057, step time: 1.0139
Batch 173/248, train_loss: 0.0672, step time: 1.0297
Batch 174/248, train_loss: 0.5177, step time: 1.0131
Batch 175/248, train_loss: 0.0942, step time: 1.0158
Batch 176/248, train_loss: 0.3667, step time: 1.0274
Batch 177/248, train_loss: 0.2191, step time: 1.0054
Batch 178/248, train_loss: 0.1632, step time: 1.0178
Batch 179/248, train_loss: 0.0793, step time: 1.0201
Batch 180/248, train_loss: 0.1633, step time: 1.0136
Batch 181/248, train_loss: 0.0886, step time: 1.0165
Batch 182/248, train_loss: 0.2961, step time: 1.0295
Batch 183/248, train_loss: 0.0908, step time: 1.0299
Batch 184/248, train_loss: 0.1670, step time: 1.0051
Batch 185/248, train_loss: 0.0941, step time: 1.0265
Batch 186/248, train_loss: 0.0841, step time: 1.0192
Batch 187/248, train_loss: 0.1588, step time: 1.0049
Batch 188/248, train_loss: 0.1843, step time: 1.0080
Batch 189/248, train_loss: 0.3949, step time: 1.0275
Batch 190/248, train_loss: 0.1279, step time: 1.0110
Batch 191/248, train_loss: 0.5947, step time: 1.0087
Batch 192/248, train_loss: 0.1842, step time: 1.0239
Batch 193/248, train_loss: 0.2540, step time: 1.0175
Batch 194/248, train_loss: 0.0883, step time: 1.0183
Batch 195/248, train_loss: 0.6065, step time: 1.0067
Batch 196/248, train_loss: 0.7893, step time: 1.0306
Batch 197/248, train_loss: 0.1740, step time: 1.0149
Batch 198/248, train_loss: 0.5256, step time: 1.0173
Batch 199/248, train_loss: 0.1428, step time: 1.0125
Batch 200/248, train_loss: 0.1391, step time: 1.0225
Batch 201/248, train_loss: 0.1111, step time: 1.0083
Batch 202/248, train_loss: 0.3533, step time: 1.0277
Batch 203/248, train_loss: 0.3439, step time: 1.0258
Batch 204/248, train_loss: 0.1162, step time: 1.0268
Batch 205/248, train_loss: 0.2746, step time: 1.0275
Batch 206/248, train_loss: 0.3189, step time: 1.0116
Batch 207/248, train_loss: 0.0768, step time: 1.0195
Batch 208/248, train_loss: 0.1386, step time: 1.0145
Batch 209/248, train_loss: 0.1280, step time: 1.0162
Batch 210/248, train_loss: 0.0651, step time: 1.0055
Batch 211/248, train_loss: 0.0818, step time: 1.0291
Batch 212/248, train_loss: 0.2071, step time: 1.0114
Batch 213/248, train_loss: 0.1573, step time: 1.0218
Batch 214/248, train_loss: 0.0860, step time: 1.0191
Batch 215/248, train_loss: 0.1775, step time: 1.0067
Batch 216/248, train_loss: 0.1236, step time: 1.0039
Batch 217/248, train_loss: 0.2674, step time: 1.0085
Batch 218/248, train_loss: 0.7110, step time: 1.0090
Batch 219/248, train_loss: 0.0773, step time: 1.0167
Batch 220/248, train_loss: 0.2054, step time: 1.0055
Batch 221/248, train_loss: 0.2704, step time: 1.0088
Batch 222/248, train_loss: 0.2062, step time: 1.0206
Batch 223/248, train_loss: 0.0533, step time: 1.0291
Batch 224/248, train_loss: 0.0829, step time: 1.0091
Batch 225/248, train_loss: 0.2094, step time: 1.0288
Batch 226/248, train_loss: 0.1206, step time: 1.0196
Batch 227/248, train_loss: 0.1048, step time: 1.0084
Batch 228/248, train_loss: 0.1650, step time: 1.0128
Batch 229/248, train_loss: 0.0914, step time: 1.0135
Batch 230/248, train_loss: 0.0655, step time: 1.0184
Batch 231/248, train_loss: 0.3044, step time: 1.0175
Batch 232/248, train_loss: 0.0713, step time: 1.0232
Batch 233/248, train_loss: 0.7175, step time: 1.0057

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Batch 234/248, train_loss: 0.3978, step time: 1.0260
Batch 235/248, train_loss: 0.2499, step time: 1.0071
Batch 236/248, train_loss: 0.7289, step time: 1.0116
Batch 237/248, train_loss: 0.1345, step time: 1.0174
Batch 238/248, train_loss: 0.1065, step time: 1.0154
Batch 239/248, train_loss: 0.0510, step time: 1.0252
Batch 240/248, train_loss: 0.2237, step time: 1.0197
Batch 241/248, train_loss: 0.5987, step time: 1.0199
Batch 242/248, train_loss: 0.1819, step time: 1.0107
Batch 243/248, train_loss: 0.3075, step time: 1.0097
Batch 244/248, train_loss: 0.3404, step time: 1.0283
Batch 245/248, train_loss: 0.0810, step time: 1.0121
Batch 246/248, train_loss: 0.5249, step time: 1.0104
Batch 247/248, train_loss: 0.0792, step time: 1.0250
Batch 248/248, train_loss: 0.9999, step time: 1.0065
```

Labels

