

Summary030520

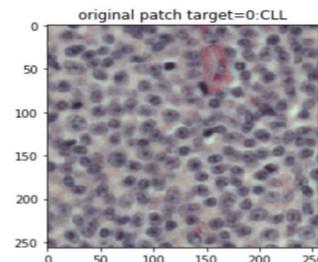
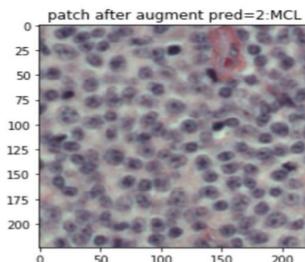
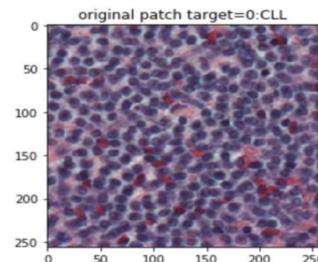
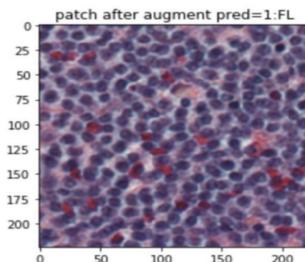
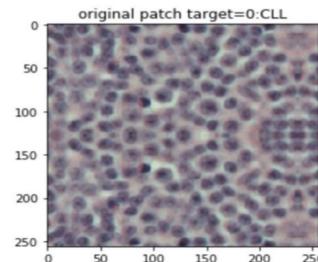
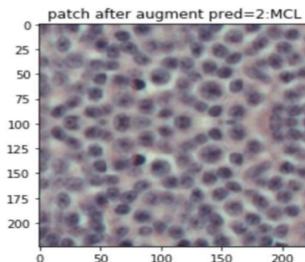
Thursday, March 5, 2020 4:36 PM

```
#     print(output)
gt=label.cpu()[0]
pred=np.argmax(output)
confmatrix[gt,pred]+=1
if (gt != pred) :
    pred_name=class_names[pred]
    gt_name=class_names[gt]
    #print(f"true class:{gt}")
    #print(f"Predicted class:{pred}")
    #print("-----")
#--- to visualize, uncomment here
fig, ax = plt.subplots(1,2, figsize=(10,4)) # 1 row, 2 columns
#plt.title(f'pred:{pred_name} target:{gt_name}')
ax[0].imshow(np.moveaxis(X.detach().squeeze().cpu().numpy(),0,-1))
ax[0].set_title(f"patch after augment pred={pred}:{pred_name}")
ax[1].imshow(img_orig.cpu().squeeze())
ax[1].set_title(f"original patch target={gt}:{gt_name}")

#--- to limit the number of output, uncomment here
if(i>npprint):
    break

print(confmatrix)
print(f"Accuracy:\t{confmatrix.trace()/confmatrix.sum()}")


[[146.   2.    5.]
 [ 3.  108.   1.]
 [ 1.   2.  234.]]
Accuracy: 0.9721115537848606
```



patch after augment pred=1:FL

original patch target=2:MCL

