Epoch: 29 Train Loss: 0.27286886668298393 Val Loss: 1.3242984674870968

OA=0.962, Precision=0.143, Recall=0.016, F1-score=0.029

**Epoch =30**

**Time: more than 27 hours training**

**Training data: D:\Datasets\Levir\_croped\_256\_10000**

Epoch: 0 Train Loss: 1.306527200354833 Val Loss: 1.210191786289215

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Epoch: 1 Train Loss: 1.1677848253075935 Val Loss: 1.31559797595529

------------------------------------------------------------------------------------

Epoch: 2 Train Loss: 1.0909218722826814 Val Loss: 1.0873944890849732

------------------------------------------------------------------------------------

Epoch: 3 Train Loss: 1.0237380342396427 Val Loss: 1.0623409406227224

------------------------------------------------------------------------------------

Epoch: 4 Train Loss: 0.9686280097046943 Val Loss: 1.057751558282796

------------------------------------------------------------------------------------

Epoch: 5 Train Loss: 0.9229249080566511 Val Loss: 1.0517751732293297

------------------------------------------------------------------------------------

Epoch: 6 Train Loss: 0.8707949799489757 Val Loss: 1.0458957219825071

------------------------------------------------------------------------------------

Epoch: 7 Train Loss: 0.830452577164184 Val Loss: 1.053576936616617

------------------------------------------------------------------------------------

Epoch: 8 Train Loss: 0.7801027235375148 Val Loss: 1.0612568338127697

------------------------------------------------------------------------------------

Epoch: 9 Train Loss: 0.7298404944541792 Val Loss: 1.0548692363149978

------------------------------------------------------------------------------------

Epoch: 10 Train Loss: 0.6875689676091007 Val Loss: 1.0629593992934507

------------------------------------------------------------------------------------

Epoch: 11 Train Loss: 0.6532560777446451 Val Loss: 1.0700922284056158

------------------------------------------------------------------------------------

Epoch: 12 Train Loss: 0.627966212763634 Val Loss: 1.0682545286767624

------------------------------------------------------------------------------------

Epoch: 13 Train Loss: 0.5904301256621809 Val Loss: 1.071884521666695

------------------------------------------------------------------------------------

Epoch: 14 Train Loss: 0.5657250549150928 Val Loss: 1.080155801247148

------------------------------------------------------------------------------------

Epoch: 15 Train Loss: 0.5399868122246712 Val Loss: 1.1301489016588997

------------------------------------------------------------------------------------

Epoch: 16 Train Loss: 0.5182495873812671 Val Loss: 1.1009143520804012

------------------------------------------------------------------------------------

Epoch: 17 Train Loss: 0.4978087081756766 Val Loss: 1.0853999371037764

------------------------------------------------------------------------------------

Epoch: 18 Train Loss: 0.4718058344708186 Val Loss: 1.0910195918644177

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Epoch: 16 Train Loss: 0.5182495873812671 Val Loss: 1.1009143520804012

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Epoch: 17 Train Loss: 0.4978087081756766 Val Loss: 1.0853999371037764

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Epoch: 18 Train Loss: 0.4718058344708186 Val Loss: 1.0910195918644177

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Epoch: 16 Train Loss: 0.5182495873812671 Val Loss: 1.1009143520804012

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Epoch: 17 Train Loss: 0.4978087081756766 Val Loss: 1.0853999371037764

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Epoch: 18 Train Loss: 0.4718058344708186 Val Loss: 1.0910195918644177

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Epoch: 18 Train Loss: 0.4718058344708186 Val Loss: 1.0910195918644177

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Epoch: 19 Train Loss: 0.461213488965274 Val Loss: 1.1036293401437647

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Epoch: 24 Train Loss: 0.39784196754024453 Val Loss: 1.0908341302591211

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Epoch: 25 Train Loss: 0.39050835126066863 Val Loss: 1.1143689997055952

Epoch: 24 Train Loss: 0.39784196754024453 Val Loss: 1.0908341302591211

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Epoch: 25 Train Loss: 0.39050835126066863 Val Loss: 1.1143689997055952

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Epoch: 26 Train Loss: 0.3762048584957645 Val Loss: 1.1467249542474747

------------------------------------------------------------------------------------

Epoch: 27 Train Loss: 0.3644031030402336 Val Loss: 1.1052618727964514

------------------------------------------------------------------------------------

Epoch: 28 Train Loss: 0.36397346901839184 Val Loss: 1.1737138935748268

------------------------------------------------------------------------------------

Epoch: 29 Train Loss: 0.3485856929870501 Val Loss: 1.1310442344230764

OA=0.951, Precision=0.170, Recall=0.045, F1-score=0.072