Confusion Matrix - training
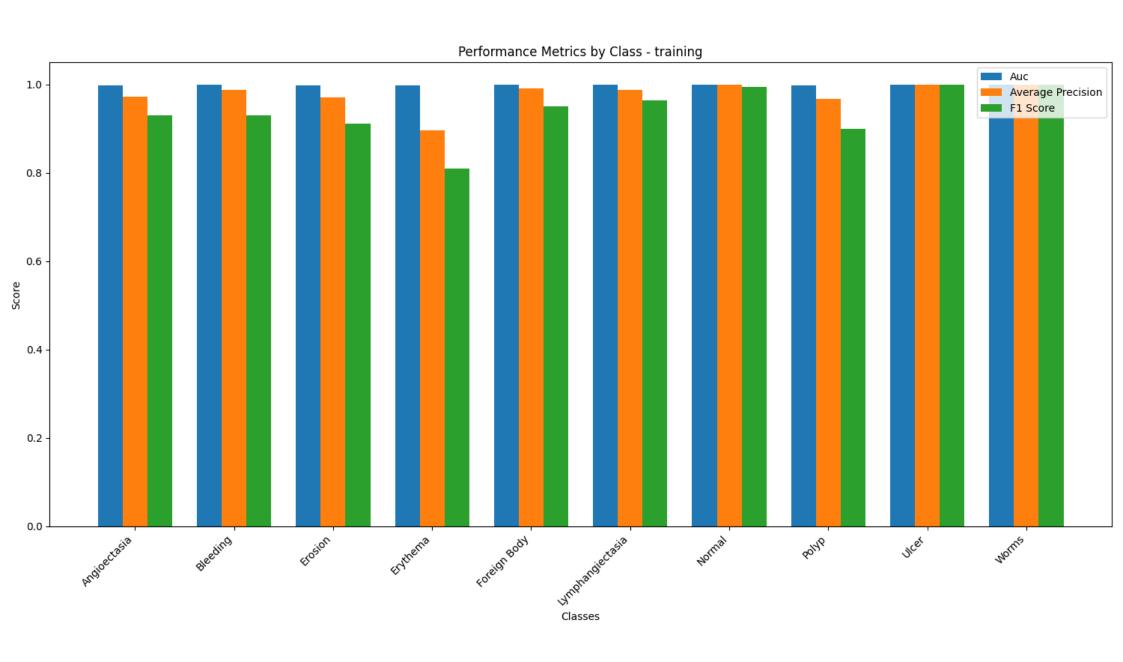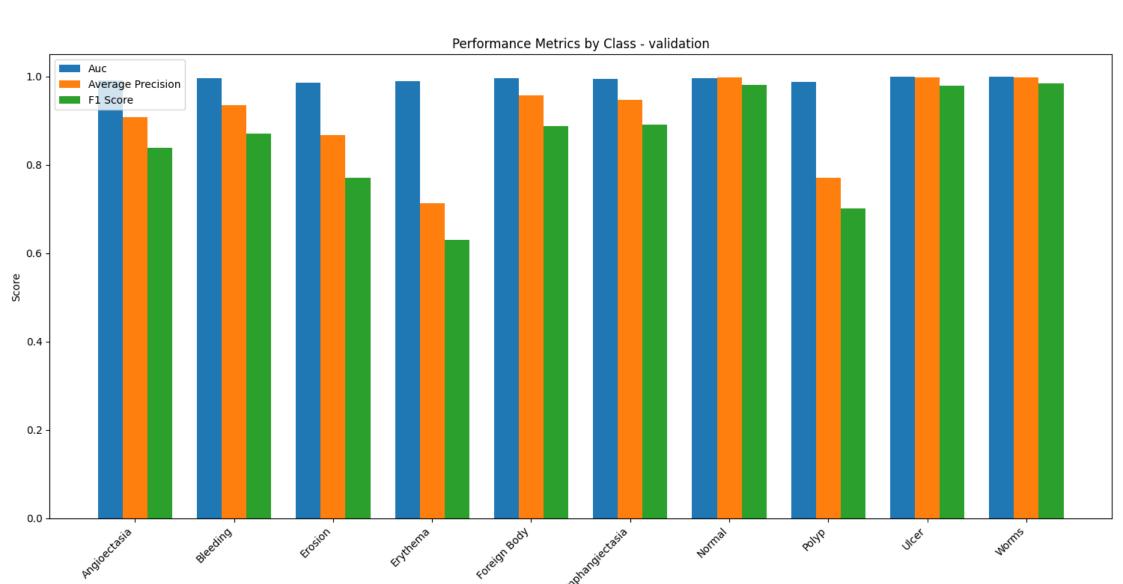
Confusion Matrix - validation

|  | Angioectasia | Bleeding | Erosion | Erythema | Foreign Body | Lymphangiectasia | Normal | Polyp | Ulcer | Worms |
|---|---|---|---|---|---|---|---|---|---|---|
| Angioectasia | 409 | 3 | 38 | 5 | 1 | 2 | 30 | 9 | 0 | 0 |
| Bleeding | 5 | 316 | 19 | 4 | 0 | 1 | 12 | 2 | 0 | 0 |
| Erosion | 30 | 24 | 884 | 50 | 16 | 6 | 96 | 43 | 6 | 0 |
| Erythema | 6 | 6 | 41 | 177 | 2 | 2 | 20 | 43 | 0 | 0 |
| Foreign Body | 2 | 0 | 20 | 3 | 299 | 1 | 12 | 3 | 0 | 0 |
| Lymphangiectasia | 4 | 0 | 9 | 2 | 1 | 301 | 22 | 4 | 0 | 0 |
| Normal | 15 | 10 | 91 | 10 | 10 | 14 | 12088 | 49 | 0 | 0 |
| Polyp | 7 | 7 | 34 | 14 | 4 | 5 | 76 | 353 | 0 | 0 |
| Ulcer | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 281 | 0 |
| Worms | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 66 |

Performance Metrics by Class - training

Performance Metrics by Class - validation

Precision-Recall Curves - training
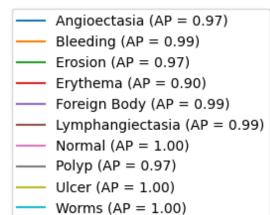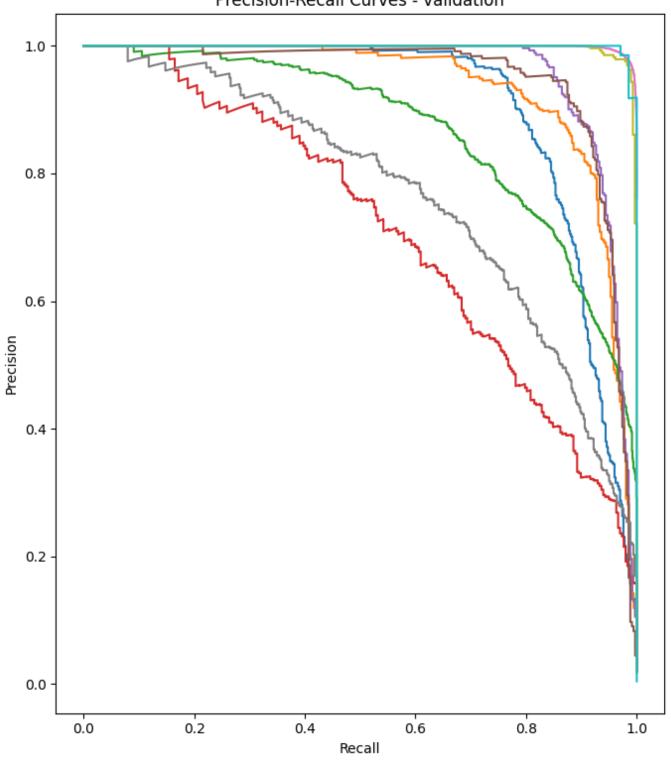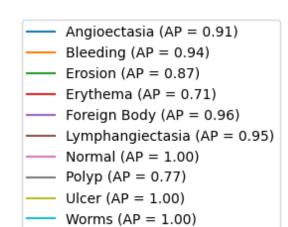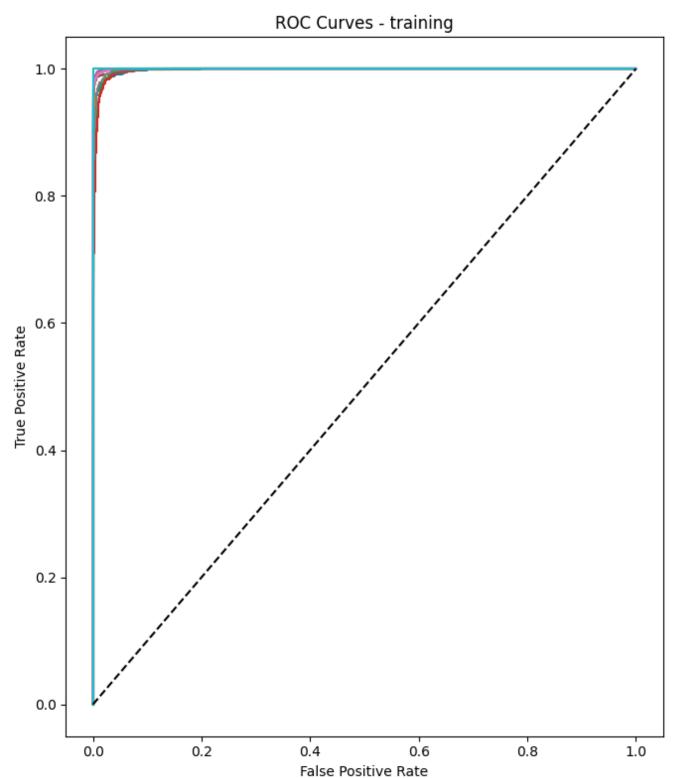
Angioectasia (AP = 0.97)
Bleeding (AP = 0.99)
Erosion (AP = 0.97)
Erythema (AP = 0.90)
Foreign Body (AP = 0.99)
Lymphangiectasia (AP = 0.99)
Normal (AP = 1.00)
Polyp (AP = 0.97)
Ulcer (AP = 1.00)
Worms (AP = 1.00)

Precision-Recall Curves - validation

Legend:
- Angioectasia (AP = 0.91)
- Bleeding (AP = 0.94)
- Erosion (AP = 0.87)
- Erythema (AP = 0.71)
- Foreign Body (AP = 0.96)
- Lymphangiectasia (AP = 0.95)
- Normal (AP = 1.00)
- Polyp (AP = 0.77)
- Ulcer (AP = 1.00)
- Worms (AP = 1.00)

Recall (x-axis)
Precision (y-axis)

ROC Curves - training

Legend:
- Angioectasia (AUC = 1.00)
- Bleeding (AUC = 1.00)
- Erosion (AUC = 1.00)
- Erythema (AUC = 1.00)
- Foreign Body (AUC = 1.00)
- Lymphangiectasia (AUC = 1.00)
- Normal (AUC = 1.00)
- Polyp (AUC = 1.00)
- Ulcer (AUC = 1.00)
- Worms (AUC = 1.00)

ROC Curves - validation

Legend:
- Angioectasia (AUC = 0.99)
- Bleeding (AUC = 1.00)
- Erosion (AUC = 0.99)
- Erythema (AUC = 0.99)
- Foreign Body (AUC = 1.00)
- Lymphangiectasia (AUC = 1.00)
- Normal (AUC = 1.00)
- Polyp (AUC = 0.99)
- Ulcer (AUC = 1.00)
- Worms (AUC = 1.00)

X-axis: False Positive Rate
Y-axis: True Positive Rate