

Pathology Report: AUTOSEG007^ABDOMEN

Patient Name: AUTOSEG007^ABDOMEN

Date of Birth: 01/07/1970

Medical Record Number: MRN10000001

Date of Surgery: 03/15/2025

Date of Report: 03/20/2025

Clinical History

Patient presented with chronic abdominal pain and unintentional weight loss. Imaging studies revealed a small bowel mass suspicious for malignancy.

Specimen

Segmental resection of the small bowel.

Gross Description

Received fresh, an oriented small bowel segment measuring 18.0 cm in length. Serial sectioning reveals a firm, tan-white, ulcerated mass measuring 2.0 cm in greatest dimension located 3.5 cm from the nearest serosal margin. The remainder of the mucosa appears unremarkable.

Microscopic Description

Sections of the bowel wall show invasive adenocarcinoma, moderately differentiated. Tumor glands exhibit moderate nuclear atypia and desmoplastic stroma. The adjacent mucosa shows ulceration with associated inflammatory changes. Resection margins are free of tumor.

Immunohistochemistry

- CK20: Positive
- CDX2: Positive
- Ki-67: 22%

Diagnosis

Small bowel resection:

- Invasive adenocarcinoma, moderately differentiated
- Tumor size: 2.0 cm
- Margins: Negative
- Pathologic stage: pT2N0M0

Comments

The morphology and immunophenotype support a diagnosis of primary small bowel adenocarcinoma. Recommend consideration of adjuvant chemotherapy based on multidisciplinary review.

Pathologist: Dr. John Doe, MD

Electronic Signature: John Doe, MD

Date Signed: 03/20/2025