

COLON AND RECTUM NEUROENDOCRINE TUMORS

Procedure

- ☐ Partial colectomy. Specify segment(s) resected:
☐ Rectal/rectosigmoid colon (low anterior resection)
☐ Total abdominal colectomy
☐ Abdominoperineal resection
☐ Transanal disk excision (local excision)
☐ Other:

Tumor Site: (select all that apply)

- ☐ Colon - cecum
☐ Right (ascending) colon
☐ Colon - hepatic flexure
☐ Transverse colon
☐ Colon - splenic flexure
☐ Left (descending) colon
☐ Sigmoid colon
☐ Rectum
☐ Not specified

Tumor Size (greatest dimension): ___ cm

Tumor Focality

- ☐ Single
☐ Multiple; Number of tumors:
☐ Cannot be determined

Histologic Type and Grade

- ☐ Well-differentiated neuroendocrine tumor; G1: Low grade
☐ Well-differentiated neuroendocrine tumor; G2: Intermediate grade
☐ Other:

For poorly differentiated high-grade neuroendocrine carcinomas, use template for colorectal carcinomas

Grade	Mitotic Rate (per 10 HPF) #	Ki-67 Index (%)##
G1	<2	≤2
G2	2 to 20	3 to 20
G3	>20	>20

Proliferative Rate

Mitotic count: ___/10 high-power fields (HPF)

Ki-67 index: ___% of 2000 cells in area of highest labeling

Depth of invasion (Microscopic Tumor Extension): [pulldown menu]

- ☐ lamina propria
- ☐ muscularis mucosae
- ☐ submucosa
- ☐ muscularis propria
- ☐ subserosal or pericolic soft tissues
- ☐ penetrates visceral peritoneum
- ☐ directly invades adjacent structures

Resection Margins:

Negative

Involved by neuroendocrine tumor. Specify margin(s):

Lymph-Vascular Invasion

- ☐ Present
- ☐ Not identified
- ☐ Indeterminate

Distant Metastases? Yes Unknown**Lymph nodes:**

No regional lymph node metastasis

Metastasis in regional lymph nodes. Number of Lymph Nodes Involved/total Examined:

Pathologic Staging (pTNM) by 7th edition AJCC cancer staging manualPrimary Tumor (pT) – add “m” for multiple tumors

- T1:** Tumor invades lamina propria or submucosa and size 2 cm or less
- T1a:** Tumor size less than 1 cm in greatest dimension
- T1b:** Tumor size 1 to 2 cm in greatest dimension
- T2:** Tumor invades muscularis propria or size more than 2 cm with invasion of lamina propria or submucosa
- T3:** Tumor invades through the muscularis propria into the subserosa, or into nonperitonealized pericolic or perirectal tissues
- T4:** Tumor invades peritoneum or other organs

Regional Lymph Nodes (pN)

- N0:** No regional lymph node metastasis
- N1:** Metastasis in regional lymph nodes

Distant Metastasis (pM)

- M1:** Distant metastasis