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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Mitotic Rate (per 10 HPF)</th>
<th>Ki-67 Index (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>&lt;2</td>
<td>≤2</td>
</tr>
<tr>
<td>G2</td>
<td>2 to 20</td>
<td>3 to 20</td>
</tr>
<tr>
<td>G3</td>
<td>&gt;20</td>
<td>&gt;20</td>
</tr>
</tbody>
</table>

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): [pull down menu]
___ lamina propria
___ muscularis mucosae
___ submucosa
___ muscularis propria
___ subserosal or perirectal 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 manual

Primary 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 perirectal 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