STOMACH NEUROENDOCRINE TUMORS

Note1: Small NETs arising in the setting of autoimmune gastritis are not included

Note 2: For poorly-differentiated and high-grade neuroendocrine carcinomas, use template for gastric carcinomas.

Procedure
> Endoscopic resection
> Partial gastrectomy
> Total gastrectomy

Tumor Site (select all that apply)
> Cardia / fundus.
> Body.
> Antrum.
> Pylorus.
> Not specified

Tumor Size (greatest dimension): _____ cm

Tumor Focality
> Single
> Multiple. Number of tumors:
> Cannot be determined

Histologic Type and Grade
> G1: Well-differentiated neuroendocrine tumor
> G2: Well-differentiated neuroendocrine tumor
> G3: Well-differentiated neuroendocrine tumor
> GX: Well-differentiated neuroendocrine tumor, grade cannot be assessed
> Other:

Grade	Mitotic rate (/10 HPF)	Ki67 index (%)
G1	<2	<3
G2	2-20	3-20
G3	>20	>20

Mitotic Rate:
> <2 mitoses per 2 mm^2
> 2-20 mitoses per 2 mm^2
> >20 mitoses per 2 mm^2
> Cannot be determined (explain): _____

*Note: 10 HPF is defined as a 2 mm^2 area. AJCC recommends counting 10mm^2 and dividing by 5. The area will vary based on your eyepiece field number. If your field number is "22" (written on your eyepiece), using a 40x objective, **42 HPF = 10mm^2** & **8.4 HPF = 2mm^2***

Ki-67 Labeling Index:
AJCC recommends counting 500 to 2000 cells in area of highest labeling

<3% in area of highest labeling
3-20% in area of highest labeling
>20% in area of highest labeling
Cannot be determined (explain): _____

Tumor Extension
No evidence of primary tumor
Invades lamina propria / muscularis mucosae
Invades submucosa
Invades muscularis propria
Invades subserosal tissue
Penetrates visceral peritoneum
Directly invades adjacent organs or structures
Cannot be assessed

Margins:
- Negative (all margins including proximal, distal, and radial margins uninvolved by tumor).
- Negative (all margins including mucosal and deep margins uninvolved by tumor).
- Involved by neuroendocrine tumor. Specify margin(s):
- Cannot be assessed

Lymphovascular Invasion
___ Not identified
___ Present
___ Cannot be determined

Distant Metastases?   Yes (site):   Unknown

Regional Lymph Nodes:
No lymph nodes submitted or found
Number of nodes involved / total examined: __ / __

Pathologic Stage Classification (AJCC 8th Edition)

Primary Tumor (pT)
pT0: No evidence of primary tumor
pT1: Tumor invades lamina propria or submucosa and 1 cm or less in size
pT2: Tumor invades muscularis propria or >1 cm in size
pT3: Tumor invades through the muscularis propria and into the subserosa
pT4: Tumor invades visceral peritoneum (serosal) or other organs or adjacent structures

*Note: For **multiple tumors:***

- *Add (m) TX(#) [where # = number of primary tumors identified] or TX(m)*
    - *Example: pT3(2) or T3(m) for two primary tumors*
- *For multiple tumors with different T, use the highest.*

Regional Lymph Nodes (pN)

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

Distant Metastasis (pM)

pM1: Distant metastasis
   pM1a: confined to liver
   pM1b: metastases in at least one extrahepatic site: specify site
   pM1c: both hepatic and at least on extrahepatic site