Duodenum and Small Intestine Carcinoma

Site:
- Duodenum bulb
- Duodenum second part including papilla (not ampulla) of Vater
- Duodenum third or fourth part
- Jejunum
- Ileum

Size:

Type of carcinoma
- Ordinary (no descriptor is needed) Give grade.
  - Grade: Well Moderate Poor

Special variant:
- Mucinous (>50% volume is mucin)
- Small cell undifferentiated
- Signet ring cell
- Large cell undifferentiated
- Mixed carcinoid-adenocarcinoma

Depth of invasion:
- lamina propria/muscularis mucosae
- submucosa
- muscularis propria
- subserosa
- mesentery: 2 cm or less? More than 2 cm?
- retroperitoneum (duodenal tumors only) 2 cm or less?
  - More than 2 cm?
- pancreas and/or bile duct (duodenal tumors only)
- abdominal wall

Number of positive lymph nodes/the total number of nodes examined: /

Distant metastases: Yes (specify site) Unknown

Resection margin involved: Yes (specify margin involved) No

pT N M

T Stage
- TX Primary tumor cannot be assessed
- T0 No evidence of primary tumor
- T1a Tumor invades lamina propria/muscularis mucosae
- T1b Tumor invades submucosa
- T2 Tumor invades muscularis propria
- T3 Tumor invades into subserosa, mesentery, retroperitoneum (for duodenal carcinoma)—with extension 2 cm or less.
- T4 Tumor perforates visceral peritoneum or directly invades other organs or mesentery or retroperitoneum, more than 2 cm deep or abdominal wall by way of serosa. For duodenum only, invasion of pancreas or bile duct
N Stage
   NX Regional lymph nodes cannot be assessed
   N0 No regional lymph node metastasis
   N1 Metastases in 1-3 regional nodes
   N2 Metastases in 4 or more regional nodes

M Stage
   M1 Distant metastasis
   If not M1, then do not include an M stage.
   We cannot determine if there are no distant metastasis, so M0 cannot be used.

(AJCC staging Manual, 7th ed.)