## Colorectal Carcinoma

**Site:**
- Cecum
- Right colon
- Transverse colon
- Left colon
- Sigmoid colon
- Rectosigmoid junction
- Rectum

**Size:**

**Type of carcinoma:**
- Ordinary
  - Grade if ordinary: Well, Moderate, Poor
- Special variant, subtypes:
  - Mucinous (>50% volume is mucin)
  - Medullary
  - Small cell undifferentiated
  - Signet ring cell
  - Other unusual
- Treated (treatment often makes determination of type and grade impossible)

**For rectal carcinoma, has the carcinoma been treated pre-operatively?**
- Neoadjuvant therapy effect is present with
  - no residual tumor (complete response, grade 0)
  - marked response (grade 1, minimal residual cancer)
  - moderate response (grade 2)
  - no definite response identified (grade 3, poor or no response)

**Depth of invasion:**
- Submucosa
- Muscularis propria
- Subserosa/pericolic or perirectal adipose tissue/mesocolon (chose the appropriate site)
- To serosal surface or to adjacent organs

**Tumor budding:**
- Yes
- No

**Extramural venous invasion:**
- Yes
- No

**Number of positive lymph nodes/total number of nodes found:**
- Yes
- No

**Metastatic deposits in adipose tissue (Satellite tumor deposits):**
- Yes (specify number of deposits)
- No

**Distant metastases:**
- Yes (specify site)
- Unknown

**Resection margin involved:**
- Yes (specify margin involved)
- No

**Radial resection margin involved (rectal carcinoma only):**
- Yes
- No
Microsatellite genetic testing and MMR protein IHC ordered: Date______
pTNM

T Stage
- TX Primary tumor cannot be assessed
- T0 No evidence of primary tumor
- T1 Tumor invades submucosa
- T2 Tumor invades muscularis propria
- T3 Tumor invades through muscularis propria
- T4a Tumor penetrates to the surface of the visceral peritoneum
- T4b Tumor invades or is adherent to adjacent organs or structure.

N Stage (tumor nodules with smooth contours in adipose tissue in regional node area are classified as lymph nodes)
- NX Regional lymph nodes cannot be assessed
- N0 No regional lymph node metastasis
- N1a Metastasis in 1 pericolic or perirectal lymph node
- N1b Metastasis in 2-3 pericolic or perirectal lymph nodes
- N1c Tumor deposits in adipose tissue when in T1 and T2 tumors when the nodes are negative.
- N2a Metastasis in 4-6 pericolic or perirectal lymph nodes
- N2b Metastasis in 7 or more pericolic or perirectal lymph nodes

M Stage
- M1a Distant metastasis, single site
- M1b Distant metastasis, multiple sites
If not M1, then do not include an M stage.
We cannot determine if there are no distant metastasis, so M0 cannot be used.

PDS template: crcre