

**MRI Primary Rectal Cancer Staging Template  
SAR Rectal/Anal Cancer DFP 2019**

**CLINICAL INFORMATION:** [Free text]

**TECHNIQUE:** [Free text]

**COMPARISON:**

**PRIMARY TUMOR: MORPHOLOGY, LOCATION, AND CHARACTERISTICS:**

Distance to the anal verge: [ ] cm

Distance to the top of sphincter complex/anorectal junction: [ ] cm

Relationship to anterior peritoneal reflection:  Above  Straddles  Below

Craniocaudal length: [ ] cm

Circumferential location (o'clock position): [ ] to [ ] o'clock

Morphology:  Polypoid  Annular  Semiannular

Mucinous:  No  Yes (>50% of the tumor/tumor pool has very high T2 signal intensity compared to perirectal fat/muscle)

**MR-T category:**

- Tx
- T1/2 (tumor confined to rectal wall)
- T3a (tumor penetrates < 1 mm beyond muscularis propria)
- T3b (tumor penetrates 1- 5 mm beyond muscularis propria)
- T3c (tumor penetrates >5-15 mm beyond muscularis propria)
- T3d (tumor penetrates > 15 mm beyond muscularis propria)
- T4a (tumor penetrates through surface of anterior peritoneal reflection)
- T4b\* (tumor invades or adherent to adjacent organs or structures)

\* If T4b, structures with possible invasion: [free text]

**\*\* FOR LOW RECTAL TUMORS - Invasion of anal sphincter complex:**

- Absent
  - Invades internal sphincter (IS) only
  - Invades IS and extends into intersphincteric space (ISS)
  - Invades IS + ISS + extends into or through external sphincter
- IF present:  upper anal canal  mid anal canal  distal anal canal

**EMVI:**  No  Yes

**CRM (for T3 only)**

Shortest distance of tumor to MRF (or anticipated CRM): [ ] mm (location)

N/A: (tumor at peritonealized portion of the rectum)

Is there a separate tumor deposit, LN or EMVI threatening ( $\geq 1$ mm and  $\leq 2$  mm) or invading ( $< 1$  mm) the MRF?  No  Yes (if yes, note location)

**LYMPH NODES:**

**Mesorectal/superior rectal lymph nodes and/or tumor deposits:**

- N0 (no visible lymph nodes/deposits)
- N+ (short axis  $\geq 9$  mm)
- N+ (short axis 5-8 mm AND at least 2 morphologic criteria\*)
- N+ (short axis  $< 5$  mm AND all 3 morphologic criteria\*)

\*Suspicious morphologic criteria: (1) round shape, (2) irregular borders, (3) heterogeneous signal intensity

Superior most suspicious lymph node/deposit is located: []

*Optional:* Total number of regional lymph nodes: []  
Total number of suspicious locoregional lymph nodes: []

**Extra mesorectal lymph nodes:** any suspicious?  No  Yes (if yes, location)

Locoregional: internal iliac, obturator

M1: external iliac, common iliac, inguinal, retroperitoneal

**Other:** [free text: bones, peritoneal mets, other incidental findings]

**IMPRESSION:**

Stage: T [] N[]

CRM:  clear  threatened  involved

Sphincter involvement:  No  Yes

Suspicious extra mesorectal lymph nodes:  No  Yes