

## **RECTAL CANCER MRI, LOCAL STAGING**

STUDY: First / Follow-up, comparison with the study from \_\_\_\_\_

Specify magnetic field strength, coils used, type and dose of IV contrast administration

Specify Pulse sequences

Findings:

Tumor morphology: Solid, polypoid, vegetative, ulcerated, semianular, flat, mucinous

Tumor localization:

Circumferential tumor involvement: from [ ] to [ ] o'clock

Distance from anorectal junction to lower pole of tumor: [ ] cm

Relation to anterior peritoneal reflection: [below/above/crossing]

Tumor length: [ ] cm

Local invasion (T staging):

- Submucosa infiltration (T1)
- Muscularis infiltration (T2)
- Distance between the outermost edge of the muscularis propria and the maximum extramural spread of the tumor <1.00 mm (T3a)
- Distance between the outermost edge of the muscularis propria and the maximum extramural spread of the tumor 1.01–5.00 mm (T3b)
- Distance between the outermost edge of the muscularis propria and the maximum extramural spread of the tumor 5.01–15.00 mm (T3c)
- Distance between the outermost edge of the muscularis propria and the maximum extramural spread of the tumor >15.01 mm (T3d)
- Infiltration of the adjacent organs (T4a)
- Visceral peritoneum invasion (T4b)

Anal sphincter invasion: [no/yes, internal sphincter only/yes, internal sphincter + intersphincteric plane/yes, internal + external sphincter]

If yes, lowest part of invasion [upper/middle/distal] third of anal canal

Mesorectal fascia (MRF) involvement:

Shortest distance between tumor and MRF: [ ] mm, indicating a [free (> 2 mm)/threatened-involved (≤ 2 mm)] margin

Circumferential location of shortest distance between tumor and MRF: [ ] o'clock

Lymph nodes and tumor deposits:

Total number of lymph nodes: [ ]

Total number of suspicious lymph nodes: [ ], of which [ ] within mesorectum, [ ] extramesorectal

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- [ ] nodes with short axis  $\geq 9$  mm
- [ ] nodes with short axis 5–8 mm and at least 2 morphologic suspicious criteria
- [ ] nodes with short axis 5 mm and all 3 morphologic suspicious criteria
- [ ] mucinous nodes (any size)

N-stage: [N0/N+]

Number of tumor deposits within the mesorectum: [ ]

Extramural vascular invasion (EMVI):

Presence of EMVI: [yes/no]

Conclusion: short summary of findings.