

MR Rectal Cancer

Last Updated: 12/2025

Name	Plane	Type	Thick	Space
Refer to DFP recommended protocols for manufacturer and magnet strength specific protocols				
OPTIONAL				
T1 FS Ax Pre	Axial	3D T1w SPGR with fat saturation pre-contrast	4 mm	-2 mm
T1 FS Ax Post	Axial	3D T1w SPGR with fat saturation post-contrast	4 mm	-2 mm
CONTRACT:	Use of rectal contrast and IV contrast is not recommended for initial staging (ESGAR 2012 Guidelines) Optional for post-treatment re-staging			
TYPE		Extracellular gadolinium-based contrast material		
DOSE	0.1 mL/kg body weight			
DELAY	1-2 mL/sec followed by 10-20 mL saline flush			

Notes:

Reference SAR Rectal Cancer DFP recommended protocol

<https://abdominalradiology.org/wp-content/uploads/2021/03/MR-Protocols.pdf>

Refer to:

<https://abdominalradiology.org/sar-subpages/dfp-panels/>

For downloadable protocols with installation instructions

Enema prep before MRI