

MRI ABDOMEN WITHOUT & WITH GAD

Special Note: ALL abdominal MRI regardless of indication with the exception of MRA, MR Prostate and MR Enterography

- If MRCP ordered, do entire abdomen protocol with MRCP sequences
- Use this protocol for all adrenal/renal/pancreas/liver MRI exams

Scan Range	Dome of diaphragm through aortic bifurcation
FOV	Fits to patient
Patient Position	Supine, arms out of FOV
Localizer	3 plane scout
Breathing	Breath hold acquisition should be encouraged

PLANE	SEQUENCE	FAT SAT	MODE	SLT/SP	FOV	NOTES
Axial	T2		Haste	5 / 1	350 mm	
Axial	T2	Y	BLADE	5 / 1		
Axial	T1		in/out of phase	5 / 1		
Axial	T1	Y	VIBE/LAVA/Thrive	5 / 1		
Axial	Bal GE		SSGRE TRUE-SSFP FIESTA Bal-FFE	5 / 1		
Coronal	T2		Haste	5 / 1		
Coronal	MRCP			SLAB		Only perform if MRCP ordered
Coronal	MRCP			THINS		Only perform if MRCP ordered
Coronal	MRCP			5 / 1		Only perform if MRCP ordered
Axial + C	T1	Y		5 / 1		Post contrast scans: 20 SEC DELAY, 70 SEC DELAY
Axial + C	DWI with ADC map					For all patients. Do this between the 70 sec and 3 min delay.
Axial + C	T1	Y				3 Min delay, 5 min delay, ** 10 min delay if using EOVISt**
Post-processing						Need SUBTRACTION images on the above axial post contrast series.

MRI ABDOMEN WITHOUT & WITH GAD

Special Note: ALL abdominal MRI regardless of indication with the exception of MRA, MR Prostate and MR Enterography

- If MRCP ordered, do entire abdomen protocol with MRCP sequences
- Include MRCP thin slice and MRCP coronal scan on all abdominal studies
- Use this protocol for all adrenal/renal/pancreas/liver MRI exams

OLD- updated MAR 2025

Scan Range						Dome of diaphragm through aortic bifurcation
FOV						Fits to patient
Patient Position						Supine, arms out of FOV
Localizer						3 plane scout
Breathing						Breath hold acquisition should be encouraged
PLANE	SEQUENCE	FAT SAT	MODE	SLT/SP	FOV	NOTES
Axial	T2			5 / 1	350 mm	
Axial	T2	Y		5 / 1		
Axial	T1		in/out of phase	5 / 1		
Axial	T1	Y		5 / 1		
Axial	DWI with ADC map					ONLY for RENAL, PANCREAS, and LIVER MASSES.
Axial	Bal GE		SSGRE TRUE-SSFP FIESTA Bal-FFE	5 / 1		
Coronal	T2			5 / 1		
Coronal	T2	Y		5 / 1		
Coronal	T1	Y		5 / 1		
Coronal	MRCP			SLAB		
Coronal	MRCP			THINS		
Coronal	MRCP			5 / 1		
Axial + C	T1	Y		5 / 1		Post contrast scans: 20 SEC DELAY, 70 SEC DELAY, 3 MIN DELAY, 5 MIN DELAY. ** 10 MIN DELAY if using EOVI
Post-processing	on the above sequence					Need SUBTRACTION images on the above axial post contrast series.
Coronal + C	T1	Y		5 / 1		POST CONTRAST 5 MIN DELAY