

## 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 slices and MRCP coronal slab for all MRI abdomen studies
- 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			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					<b>ONLY for RENAL, PANCREAS, and LIVER MASSES.</b>
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					<b>Need SUBTRACTION images on the above axial post contrast series.</b>
Coronal + C	T1	Y		5 / 1		POST CONTRAST 5 MIN DELAY