

## Radiology of Indiana

Protocols	Scan #	FOV (CM)	Slice Thickness (mm)	Spacing (mm)	Special Instructions/Comments
<b>Abdomen</b>					Any abdomen study without an organ specific indication. Otherwise, see organ specific protocol.
Ax Fiesta/ True FISP		~30-40	5	1	
Ax 3D Dual Echo		~30-40	5	2.5	
Ax T2 SSFSE/HASTE		~30-40	5	1	
Cor T2 SSFSE/HASTE		~30-40	4	1	
Ax T2 FS Propeller/T2 Haste FS		~30-40	5	1	
Ax DWI (50/1000)		~30-40	8	2	Only send B50 and 1000
ADC		~30-40	8	2	
Ax Pre (Lava or sim)		~30-40	5	2.5	If there is a "mask" phase you don't need to complete pre-contrast LAVA. If not, we need a separate pre-contrast LAVA.
Ax Post Dyn (20 sec, 1 min 3 min)		~30-40	5	2.5	
Cor Post 5 min		~30-40	4	2	
Ax Post 10 min		~30-40	5	2.5	
Ax T1 Lava 20 min (Eovist only)		~30-40	5	2.5	FYI: All Vibes/Lavas should be Fat Sat or "water only" images for all MRI body protocols
<b>Adrenal</b>					
Ax Fiesta/ True FISP		~30-40	5	1	
Ax 3D Dual Echo		~30-40	5	2.5	
Coronal 3D Dual Echo		~30-40	5	2.5	
Ax T2 SSFSE/HASTE		~30-41	5	1	
Cor T2 SSFSE/HASTE		~30-40	4	1	
Ax T2 FS Propeller/T2 Haste FS		~30-40	5	1	
Ax DWI (50/1000)		~30-40	8	2	Only send B50 and 1000
ADC		~30-40	8	2	
Ax Lava or similar		~30-40	5	2.5	
<b>Liver</b>					
Ax Fiesta/ True FISP		~30-40	5	1	Please refer to Liver & Abdominal MRI Clinical Guidelines for Gadolinium Based Contrast Agents
Ax 3D Dual Echo		~30-40	5	2.5	For dedicated liver indication, axial coverage can be from lung bases to below liver. Does not need to cover below kidneys
Ax T2 SSFSE/HASTE		~30-41	5	1	
Cor T2 SSFSE/HASTE		~30-40	4	1	
Ax T2 FS Propeller/T2 Haste FS		~30-40	5	1	
Ax DWI (50/1000)		~30-40	8	2	Only send B50 and 1000
ADC		~30-40	8	2	
Ax Pre (Lava or sim)		~30-40	5	2.5	
Ax Post Dyn (20 sec, 1 min 3 min)		~30-40	5	2.5	
Cor Post 5 min		~30-40	4	2	
Ax Post 10 min		~30-40	5	2.5	
Ax T1 Lava 20 min (Eovist only)		~30-40	5	2.5	
<b>Pancreas with MRCP</b>					Pancreatic protocol must include MRCP in order
					F/U IPMN, pancreatic cyst, chronic pancreatitis, pancreatic mass.
Ax Fiesta/ True FISP		~30-40	3	1	For dedicated pancreas indication, axial coverage can be from bottom of heart/left hemidiaphragm to below C-loop of
Ax 3D Dual Echo		~30-40	4	2	duodenum. Plan from coronal localizer. Coronal images must cover pancreas from front to back using axial images for
Ax T2 SSFSE/HASTE		~30-41	5	1	planning. Do not need to cover skin to skin on coronal. Smallest FOV as possible.
Cor T2 SSFSE/HASTE		~30-40	4	1	
Ax T2 FS Propeller/T2 Haste FS		~30-40	4	1	
Ax DWI (50/1000)		~30-40	7	1	Only send B50 and 1000
2D MRCP		~30-40	40	0	3 Oblique views. See planning images
Cor 3D MRCP		~30-40	1.4	0.7	Focus on pancreatic duct
3D MIP		~30-40			Single thick slab from 3D images
ADC		~30-40	7	1	
Ax Pre (Lava or sim)		~30-40	3	1	
Ax Post Dynamic (45 sec, 80 sec, 3 min)		~30-40	4	1.5	
Cor Post 5 min		~30-40	4	2	
Ax Post 10 min		~30-40	3	1	
<b>Renal</b>					
Ax Fiesta/ True FISP		~30-40	4	1	For dedicated renal indication (usually renal mass), axials must cover from above adrenal glands to below kidneys. Plan from
Ax 3D Dual Echo		~30-40	6	1.5	localizer. Does not need to cover entire abdomen. Coronal images must cover both kidneys from front to back using axial
Ax T2 SSFSE/HASTE		~30-41	5	1	images for planning. Do not need to cover skin to skin.
Cor T2 SSFSE/HASTE		~30-40	4	1	
Ax T2 FS Propeller/T2 Haste FS		~30-40	4	1	
Ax DWI (50/1000)		~30-40	7	1	Only send B50 and 1000
ADC		~30-40	7	1	
Ax Pre (Lava or sim)		~30-40	3	1	
Cor Pre (Lava or sim)		~30-40	3	1	
Ax Post Dyn (20 sec, 60 sec, 90 sec)		~30-40	3	1	
Cor Post 3 min		~30-40	3	1	
Ax Post (acquired after Cor Post 3 min)		~30-40	3	1	
Post process subtraction					Cor post minus pre; Ax post minus pre
<b>Liver with MRCP</b>					
Ax Fiesta/True FISP		~30-40	5	1	Any MRCP study without a pancreas specific indication (otherwise use Pancreas with MRCP protocol). Must cover entire liver
Ax 3D Dual Echo		~30-40	5	2.5	axial and coronal. Does not need to include entire kidney on axial unless needed to cover liver. Does not need skin to skin coverage
Ax T2 SSFSE/HASTE		~30-41	5	1	on coronal.
Cor T2 SSFSE/HASTE		~30-40	4	1	







