UMMMC Body MRI Protocols

UPADTED Jan 2020

Protocol	Body Part	Protocol	Indication	C+	Other	Anti-peristaltic	Site	Monitored	Technologist Notes & Plane Prescription Guide
A1	Abdomen	Liver Routine	Liver lesion, HCC surveillance / follow-up	YES					
A2	Abdomen	Liver Eovist	FNH vs. Adenoma; Biliary leaks etc	YES					
A3	Abdomen	Liver Iron	Iron quantification				SS 3T		
A4	Abdomen	Liver Fat	Fat quantification (PDFF)				SS 3T		
A5	Abdomen	MRCP C-	Elevated LFTs						
A6	Abdomen	MRCP C+	Pancreas mass / CholangioCA, Chronic pancreatitis or pancreatitis complications	YES					
A7	Abdomen	Adrenal Routine	Adrenal mass						Do not inject contrast, unless specified by radiologist
A8	Abdomen	Renal Routine	Renal mass	YES					
A9	Abdomen	Short MRCP	Pancreatic cyst Follow-up, R/O CBD stone						
A10	Abdomen	ED MRCP	Acute Pancreatitis					YES	***radiologist to confirm before ending exam***
A11	Abdomen	Donor MRCP	Live Liver donor evaluation	YES			SS 3T	YES	***radiologist to confirm before ending exam***
A12	Abdomen	Secretin MRCP	Chronic pancreatitis, pancreatic leaks		Secretin			YES	Thick slab plane prescribed by radiologist
A13	Abdomen	Cardiac Iron	Cardiac Iron Quantification				SS 3T	YES	
A14	Abdomen	Short Renal C-	F/U partial nephrectomy & Small renal masses						
A15	Abdomen	PKD Volumetry	Volumetry for Polycystic Kidneys						
A16	Abdomen	MR Elastography	MR Elastography + A3 + A4						
A17	Abdomen	A1 + A16	For first time HCC screening and MR Elastography						
A18	Abdomen	HCC screening; baseline exam	Same Sequences as A1						
A19	Abdomen	HCC screening; follow-up exam	Only T2 Coronal and Dynamic Pre-Post (for LIRADS)						
A20	Abdomen	HCC screening; with EOVIST	For macronodular livers with multiple regen nodules						
P1	Pelvis	Pelvis General	Pelvic masses, pelvic symptoms	YES		Preferred			
P2	Pelvis	Uterine Anomalies	Uterine Anomalies					YES	For oblique planes
P3	Pelvis	Rectal Mass	For mid to high rectal lesions	YES	Rectal	Preferred		YES	For Axial oblique planes Click HERE
P4	Pelvis	Anal Mass	For low rectal and anal canal lesions	YES	Rectal	Preferred		YES	For Axial and Coronal oblique planes Click HERE
P5	Pelvis	Perianal Fistula	Perianal fistual / pain	YES					For Axial and Coronal oblique planes Click HERE
P6	Pelvis	MP Prostate	Prostate CA	YES		Preferred	SS 3T		
P7	Pelvis	Pelvic MRV	Pelvic MRV	YES					Do not do routine TRICKS for pelvic MRV
P8	Pelvis	Pelvis post UFE	Post-UFE	YES					
P9	Pelvis	MR Defecography	Pelvic floor dysfunction		Rectal				Vaginal Gel ONLY if post-hysterectomy
P10	Pelvis	Cervix Tandem	XRT planning (Dr Moni)				Memorial		
P11	Pelvis	Prostate Spacer	XRT planning (Dr Aronowitz)				Marlborough		
P12	Pelvis	Endometrial CA	Endometrial Cancer Staging / Monitoring	YES		**MUST**		YES	For Axial oblique planes Click HERE
P13	Pelvis	Cervical CA	Cervical Cancer Staging / Monitoring	YES	Vaginal	**MUST**		YES	For Axial oblique planes Click HERE
P14	Pelvis	Prostate Post-PAE	Post prostate embolization	YES					
P15	Pelvis	Inguinal Hernia Post-Repair	Inguinal Hernia Post-Repair						
P16	Pelvis	Scrotal	Scrotal / testicular Abnormalities	YES					
P17	Pelvis	Penile	Penile masses, fracture, other abnormalities	YES					
P18	Pelvis	Urethral Diverticulum	Urethral Diverticulum	YES					
AP1	Abd-Pelvis	MR Urogram	TCC, urothelial mass	YES					
AP2	Abd-Pelvis	Onco General	General ONCO follow-up / surveillance	YES					
AP3	Abd-Pelvis	MRE	IBD flare / activity, SB mass	YES	Breeza	**MUST**			
AP4	Abd-Pelvis	Peritoneal CA	Peritoneal Carcinomatosis	YES		**MUST**			
AP5	Abd-Pelvis	Pregnant Appy	Acute abdomen pregnancy					YES	***radiologist to confirm before ending exam***
AP6	Abd-Pelvis	Pelvis congestion	for Pelvic congestion syndrome	YES					
AP7	Abd-Pelvis	Dynamic Hernia	Complex ventral hernias, occult hernias						
AP8	Abd-Pelvis	MRE + Perianal Fistula	Crohn's: PEDS ONLY	YES	Breeza	**MUST**		YES	Pediatric patients only: P5 (monitored) + AP3
AP9	Abd-Pelvis	Gastric Motility	Gastroparesis				UN, SS	YES	
V1	Angio	Abdomen MRA C+	Aorta and major branches	YES					
V2	Angio	Abdomen MRA C-	Aorta and major branches				UN, 3T	YES	
V3	Angio	Renal Arteries MRA C-	Renal Artery Disease				UN, 3T	YES	
V4	Angio	Abdomen + Runoff C+	Aortic & Peripheral vascular disease	YES			UN	YES	
V5	Angio	Abdomen + Runoff C-	Aortic & Peripheral vascular disease				UN	YES	
Ax	**Px**	**Apx**	**Tailored/abbreviated/ specific sequences for Abdomen, Pelvis & Abdo-pelvis**						