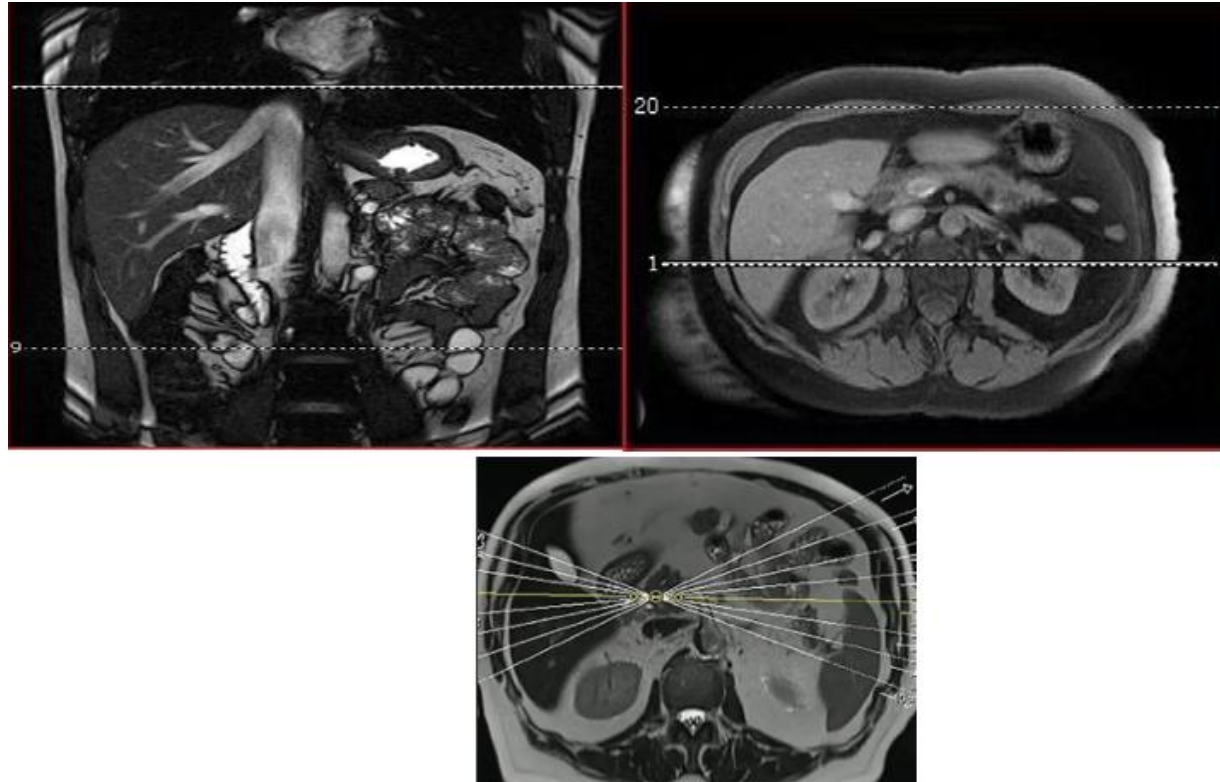


MRCP WWO



Published: 6/10/2026				Rev: 3			Approval: Dr Quiroz				Magnet/Vendor: SIEMENS MAGNETOM 3.0T XQ Numaris/X VA60A-0CN3			
Seq	Pulse	Dim	Ori	Scan Dir	Phase Enc	FOV (mm)	Slc (mm)	Gap (mm)	TR	TE	Fat Sat	Freq	Phase	Notes
LOCALIZER	VIBE	2D	Sag	R>>L	A>>P	480	6	1.2	7.8	3.69	None	256	205	
COR T2 HASTE BH	HASTE	2D	Cor	A>>P	F>>H	380	6	1.8	1200	93	None	384	345	
AX T2 FS	TSE	2D	Ax	S>>I	A>>P	380	5	1.5	3000	84	SPAIR	256	256	TSE can be resp. triggered or breath hold dependent on scanner ability
AX T2 HASTE MBH	HASTE	2D	Ax	S>>I	A>>P	380	5	1.0	1500	95	None	320	259	

RADIAL MRCP	HASTE	2D	Oblique	Multi-angle	F>>H	300	40	0	2020	955	SPAIR	384	384	<i>Thick slab MRCP 8 slices for the radial scan radiating around the distal CBD (1 horizontal, 3 up and 4 down, angle 10 degrees apart).</i>
COR 3D T2 SPACE	SPACE	3D	Cor	A>>P	R>>L	380	1	0	2400	703	SPAIR	384	372	<i>Cut out the ducts and rotate MIP L>>R 360 degrees. Send source and rotating MIP to PACS</i>
AX T1 IN/OUT VIBE DIXON	VIBE	3D	Ax	S>>I	A>>P	380	3	0.6	3.97	1.29 / 2.52	Dixon	320	260	<i>Send In/Out/Fat/Water to PACS</i>
AX T1 VIBE PRE	VIBE	3D	Ax	S>>I	A>>P	380	3	0.6	3.6	1.38	FS	320	270	
CARE BOLUS	VIBE	2D	Sag	R>>L	H>>F	360	34	0	32	1.68	None	320	266	
AX T1 VIBE ARTERIAL	VIBE	3D	Ax	S>>I	A>>P	380	3	0.6	3.6	1.38	FS	320	270	create a subtraction (post-pre)
AX T1 VIBE PORTAL	VIBE	3D	Ax	S>>I	A>>P	380	3	0.6	3.6	1.38	FS	320	270	create a subtraction (post-pre)
AX T1 VIBE EQUILIBRIUM	VIBE	3D	Ax	S>>I	A>>P	380	3	0.6	3.6	1.38	FS	320	270	create a subtraction (post-pre)
AX DIFFUSION	epse	2D	Ax	S>>I	A>>P	380	5	1.5	8100	55	SPAIR	134	134	<i>b50 / b800</i>
ADC Mapping	derived													<i>Create ADC map and send to PACS</i>
AX T1 VIBE 5MIN	VIBE	3D	Ax	S>>I	A>>P	380	3	0.6	3.6	1.38	FS	320	270	create a subtraction (post-pre)
COR T1 VIBE POST 5MIN	VIBE	3D	Cor	A>>P	R>>L	420	3.5	0.7	3.66	1.25	FS	320	224	

COMBINE ALL INTO A SINGLE SUBTRACTED SERIES TO SEND TO PACS