

Does portal vein anatomy influence intrahepatic distribution of metastases from colorectal cancer?

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SUPPLEMENTARY TABLE 1. Magnetic resonance imaging sequences and parameters in the two centers

Sequence		Diffusion-weighted	VIBE DIXON	FS T2 BLADE	Dynamic multiphase contrast-enhanced
Plane		Transverse	Transverse	Transverse	Transverse
MR acquisition type		2D	3D	2D	3D
Slice thickness (mm)	Centre 1 1.5T	5	3	5	2.2
	Centre 1 3T	5	2	5	2
	Centre 2 1.5T	8	3	5.5	3
Gap (mm)	Centre 1 1.5T	0.5	-	1	-
	Centre 1 3T	0.5	-	1	-
	Centre 2 1.5T	1.6	-	1.1	-
Repetition time (ms)	Centre 1 1.5T	6000	6.83	2540	4
	Centre 1 3T	3300	3.92	3234	3.92
	Centre 2 1.5T	1200	6.88	1200	4.62
Echo time (ms)	Centre 1 1.5T	56	2.4	121	1.5
	Centre 1 3T	46	1.23	105	1.23
	Centre 2 1.5T	143	2.39	143	2.28
b-value (s/mm ²)		50, 400, 800	-	-	-
Flip angle (°)	Centre 1 1.5T	90	10	142	14
	Centre 1 3T	90	9	90	9
	Centre 2 1.5T	160	10	160	10
Pixel bandwidth (Hz)	Centre 1 1.5T	2440	475	500	345
	Centre 1 3T	2322	930	744	930
	Centre 2 1.5T	475	600	475	400
Acquisition matrix	Centre 1 1.5T		320 × 182	256 × 256	384 × 234
	Centre 1 3T	128 × 104/ 140x112	256 × 146	320 × 88	256 × 146
	Centre 2 1.5T	256 × 198	320 × 175	256 × 198	320 × 195
Respiratory control		Respiratory-triggered	Breath-hold	Respiratory-triggered	Respiratory-triggered

2D = two-dimensional, 3D = three-dimensional, FS = fat saturated; VIBE = volumetric interpolated breath hold examination

All MR scans are Siemens Healthineers. BLADE is the name of periodically rotated overlapping parallel lines with enhanced reconstruction (PROPELLER) sequence of Siemens Healthcare.