

	Anatomical	Rest 2500	Rest 1400	Rest 645	DTI
Manufacturer	Siemens	Siemens	Siemens	Siemens	Siemens
Model	TrioTim	TrioTim	TrioTim	TrioTim	TrioTim
Headcoil	32 Chan	32 Chan	32 Chan	32 Chan	32 Chan
Field Strength	3T	3T	3T	3T	3T
Sequence	3D MPRAGE	EPI	EPI	EPI	EPI
Flip Angle [Deg]	9.0	80	65	60	90
Inversion Time (TI) [ms]	900	-	-	-	-
Echo Time (TE) [ms]	2.52	30	30	30	85
Repetition Time (TR) [ms]	1900.0	2500	1400	645	2400.0
Bandwidth per Voxel (Readout) [Hz]	170	2240	1786	2598	1814.0
Parallel Acquisition	GRAPPA x 2	-	-	-	-
Partial Fourier	Off	-	-	-	6/8
Number of Slices	176	38	64	40	64.0
Slice Orientation	Saggital	Axial	Axial	Axial	a
Slice Phase Encoding Direction	Anterior to Posterior	Anterior to Posterior	Anterior to Posterior	Anterior to Posterior	Anterior to Posterior
Slice Acquisition Order	Sequential Ascending	Interleaved Ascending	Interleaved Ascending	Interleaved Ascending	Interleaved Ascending
Slice Thickness [mm]	1.0	3.0	2.0	3.0	2.0
Slice Gap [mm]	0.5	0.33	0	0	0.0
Field of View [mm]	250	216	224	222	212.0
Acquisition Matrix	256x246	72x72	112x112	74x74	106x106
Slice In-Place Resolution [mm ²]	1.0x1.0	3.0x3.0	2.0x2.0	3.0x3.0	2.0x2.0
Number of Measurements	-	120	404	900	137
Acquisition Time [min:sec]	4:18	5:05	9:35	9:46	5:58
Fat Suppression	None	Yes	Yes	Yes	Yes
Number of Directions	-	-	-	-	137.0
Number of B Zeros	-	-	-	-	0.0
B Value(s) [s/mm ²]	-	-	-	-	1500.0
Averages	-	-	-	-	1.0