

Table E1: CMR Sequence Parameters

Parameter	Short axis SSFP Cine	Short axis black-blood T2 STIR	EGE	Short axis LGE	T1 Mapping	T2 Mapping
Field of view (mm)	350 × 350	350 × 350	290 × 290	360 × 311	300 × 300	300 × 347
TR (ms); TE (ms)	2.8; 1.38	2 RR intervals; 70	1 RR interval 14	3.5; 1.71	2.2; 1.02	1 RR interval; 23.6/ΔTE = 11.8 (6Ec)
Flip angle (°)	60	90	90	15	35	90
Voxel size (mm) acquired; reconstructed	1.79 × 2 × 8; 0.99 × 0.99 × 8	1.51 × 2.43 × 8; 0.91 × 0.91 × 8	0.95 × 1.49 × 8; 0.82 × 0.82 × 8	1.65 × 1.88 × 10; 0.9 × 0.9 × 5	1.97 × 2 × 10; 1.17 × 1.17 × 10	1.97 × 2.03 × 10; 1.03 × 1.03 × 10
Parallel imaging (SENSE)	SENSE factor 3	SENSE factor 2.5	No	SENSE factor 2	SENSE factor 2	Yes, SENSE factor 2
Scan duration (mm:ss)	01:24	01:36	04:42	00:27	00:45	00:42
Scan time/breath-hold (s)	00:13	00:08	—	00:12	00:15	00:14
Cardiac phases per RR interval; shot duration (ms)	40;—	—;134	—;70	—;151	—;167	—;83

SSFP = steady-state free precession, STIR = short-tau inversion recovery, EGE = early gadolinium enhancement, LGE = late gadolinium enhancement, TR = time of repetition, TE = time to echo, SENSE = sensitivity encoding, Ec = Echo.