

eTable 1. Acquisition sequence parameters.

ID	FLAIR								SWI						
	direction	TR (ms)	TE (ms)	TI (ms)	FOV	slice thickness	flip angle	acquisition time (min:sec)	direction	TR (ms)	TE (ms)	FOV	slice thickness	flip angle	acquisition time (min:sec)
1	coronal	8500	107	2440	172x230	5.0	150	03:06	axial	49	40	150x230	2.2	15	03:28
2	coronal	8500	107	2440	172x230	5.0	150	03:06	axial	49	40	150x230	2.2	15	03:28
	sagittal	8500	89	2440	210x240	3.0	150	03:40							
3	sagittal	5000	337	1800	259x259	1.4	120	03:40	axial	49	40	171x250	2.0	15	04:20
4	coronal	5000	107	1798	172x230	5.0	150	01:50	axial	49	40	150x230	2.2	15	03:05
	sagittal	3000	337	1800	201x230	0.9	120	02:51							
5	axial	8000	89	2500	230x230	4.0	150	02:12	axial	48	40	230x230	2.5	12	03:42
6	coronal	9000	126	2450	230x230	5.0	150	02:42	axial	44	35	201x230	2.0	20	03:47
	sagittal	5000	451	1800	227x260	1.1	120	05:40							
7	coronal	9000	109	2500	201x230	5.0	150	03:00	axial	49	40	201x230	2.0	15	05:26
	sagittal	5000	450	1800	227x260	1.1	120	04:45							
8	sagittal	3500	337	1800	201x230	0.9	120	03:20	axial	49	40	158x230	2.2	15	03:02
9	coronal	9000	109	2500	201x230	5.0	150	03:00	axial	44	35	201x230	2.3	15	03:06
	sagittal	5000	450	1800	227x260	1.1	120	04:45							
10	coronal	9430	82	2500	186x230	5.0	150	04:24	axial	49	40	201x230	2.0	15	05:26
	sagittal	5000	451	1800	245x280	1.1	120	05:25							
11	coronal	8500	108	2440	172x230	5.0	150	02:08	axial	49	40	201x230	2.0	15	04:28
	sagittal	9000	118	2500	230*230	3.0	150	04:30							
12	coronal	9000	109	2500	172*230	5.0	150	02:42	axial	49	40	256x177	2.0	15	05:26
	sagittal	5000	451	1800	256x202	1.1	120	05:25							
13	coronal	9000	111	2500	201x230	5.0	150	03:00	axial	49	40	201x230	2.0	15	05:27
	sagittal	9000	111	2500	201x230	5.0	150	03:36							
14	sagittal	9000	118	2500	230x230	3.0	150	04:30	axial	49	40	172x230	2.0	15	03:51
15	axial	5000	331	1800	249x249	2.0	120	NA	axial	49	40	201x230	2.0	15	02:58
	coronal	5000	331	1800	249x249	2.0	120								
	sagittal	5000	331	1800	250x250	1.0	120								
16	axial	9000	90	2500	201x230	5.0	150	02:06	axial	49	40	201x230	2.0	15	02:58
	coronal	9000	105	2500	187x250	5.0	150	05:06							
	sagittal	5000	451	1800	245x280	1.1	120	05:25							
17	axial	9000	90	2500	210x320	5.0	150	03:53	axial	44	35	201x230	2.3	15	03:06
	coronal	9000	123	2450	250x250	5.0	150	03:36							
	sagittal	5000	451	1800	245x280	1.1	120	07:25							
18	coronal	8500	108	2440	172x230	5.0	150	02:08	axial	49	40	139x256	2.2	15	03:11
	sagittal	8500	89	2439	217x240	3.0	150	03:58							
19	axial	8800	122	2480	240x240	3.0	150	03:12	axial	44	35	201x230	2.0	20	03:47
20	axial	9000	92	2500	201x230	5.0	150	02:06	axial	44	35	201x230	2.0	20	03:47
21	axial	9000	87	2500	201x230	5.0	150	02:06	axial	49	40	186*230	1.6	15	07:42
22	axial	9000	87	2500	201x230	5.0	150	02:06	axial	44	35	201x230	2.0	20	03:47
23	axial	9000	87	2500	240x240	3.0	150	05:42	axial	44	35	201x230	2.0	20	03:47
24	axial	5000	451	1800	207x207	2.0	120	NA	axial	49	40	172x230	2.0	15	04:41
25	axial	9000	90	2500	210x320	5.0	150	02:06	axial	49	40	201x230	2.0	15	05:26
26	axial	9000	90	2500	210x320	5.0	150	02:06	axial	49	40	201x230	2.0	15	05:26
27	axial	5000	451	1800	260x260	2.0	120	NA	axial	44	35	201x230	2.0	20	03:47
28	axial	9000	90	2500	201x230	5.0	150	02:24	axial	33	35	201x230	2.3	15	03:06
29	axial	8300	95	2500	186x230	5.0	150	02:28	axial	48	40	172x230	4.0	15	02:25
30	axial	9000	90	2500	201x230	5.0	150	02:06	axial	49	40	201x230	2.0	15	05:26
31	axial	9000	90	2500	201x230	5.0	150	02:06	axial	49	40	177x256	2.0	15	05:26

FLAIR = fluid-attenuated inversion recovery; SWI = susceptibility-weighted imaging; TR = repetition time; TE = echo time; TI = inversion time; FOV = field of view