

Supplementary Table 1. MR Scan Parameters

	Signa Excite (GE)	Signa HDxt (GE)	Discovery MR750W (GE)	Verio (Siemens)	Skyra (Siemens)	TrioTIM (Siemens)
Patient number	2	16	4	46	5	3
Field strength (T)	3.0	1.5	3.0	3.0	3.0	3.0
Head coil channel	8	8	32	32	64	64
T1						
TR (ms)	466.7	10.4	8.4	1420	1600	1600
TE (ms)	11.0	4.7	3.2	1.9	2.8	2.8
FA (°)	69	20	12	9	9	9
NEX	1	1	1	1	1	1
Matrix	320 x 192	240 x 240	256 x 230	256 x 232	256 x 248	256 x 256
Section thickness (mm)	5	1	1	1	1	1
Intersection gap (mm)	1	0	0	0	0	0
FOV (mm)	220 x 220	240 x 240	256 x 256	249 x 249	249 x 249	250 x 250
T2						
TR (ms)	5000	4850	5125	5100	5100	6280
TE (ms)	131.1	121.9	92.6	89	89	91
FA (°)	90.0	90	142	16	150	131
NEX	2	2	2	3	3	2
Matrix	448 x 256	448 x 256	448 x 448	640 x 384	640 x 324	640 x 290
Section thickness (mm)	5	5	5	5	5	5
Intersection gap (mm)	1	1	1	1	1	1
FOV (mm)	220 x 220	220 x 220	220 x 220	199 x 220	185 x 220	199 x 220
DWI						
TR (ms)	8000	10000	10000	6300	7400	7000
TE (ms)	68.8	75.8	72.4	79.0	73.0	58.0
FA (°)	90	90	90	180	180	90
NEX	2	2	1	3	1	3
B value (s/mm ²)	0, 1000	0, 1000	0, 1000	0, 1000	0, 1000	0, 1000
Matrix	160 x 160	160 x 160	160 x 160	190 x 190	160 x 160	160 x 160
Section thickness (mm)	5	3	3	3	3	3
Intersection gap (mm)	1.0	1.0	1.0	0.9	0.9	0.9
FOV (mm)	240 x 240	240 x 240	240 x 240	239 x 239	240 x 240	240 x 240
DSC-PWI						
TR (ms)	1500	1500	1500	1600	1600	1500
TE (ms)	40	40	29	30	30	30
FA (°)	35	35	60	90	90	90
NEX	1	1	1	1	1	1
Matrix	128 x 128	128 x 128	100 x 100	128 x 128	128 x 128	128 x 128
Section thickness (mm)	5	5	5	6	6	5
Intersection gap (mm)	1.0	1.0	1.5	0.9	0.9	1.0
FOV (mm)	220 x 220	240 x 240	240 x 240	240 x 240	240 x 240	240 x 240
Scan time	1 min 30 sec	1 min 30 sec	1 min 30 sec	1 min 44 sec	1 min 44 sec	1 min 44 sec

DSC-PWI = dynamic susceptibility contrast-enhanced perfusion-weighted imaging, DWI = diffusion weighted imaging, FA = flip angle, FOV = field of view, NEX = number of excitations, TE = echo time, TR = repetition time