Electronic Supplementary Material

Contents

Supplementary Table 1. Magnetic resonance imaging protocols used in the present study

MRI parameter	T2-weighted imaging		T2-weighted imaging (3D)	T1-weighted imaging (2D)	T1-weighted imaging (3D)
	TRA	SAG			
Skyra/Verio (3.0 Tesla)					
Sequence	TSE		SPACE	TSE	VIBE
Flip angle (degrees)	90/90	90/90	120/T2var	90	11
TR (ms)	4540/4500	4020/4000	3000/2700	500	4.38
TE (ms)	86/83	86/79	181/185	9.5	1.56
Field of view (mm)	200/200	200/230	250	200	250
Reduction factor	2/2	2/2	2	2	2
NEX	2/2	2/2	1.4	2	1
Thickness (mm)	2.5/3.0	2.0/3.0	1	3	0.9
Intersection gap (mm)	0.8/0.9	0.6/0.9	0	0.9	0
Avanto (1.5Tesla)					
Sequence	TSE			TSE	VIBE
Flip angle (degrees)	90	90		90	12
TR (ms)	3500	4000		519	6
TE (ms)	83	76		8.7	2.19
Field of view (mm)	200	250		200	250
Reduction factor	2	2		2	0
NEX	2	1		2	1
Thickness (mm)	3	3		3	1
Intersection gap (mm)	0.3	0.45		0.3	0

2D two-dimensional, *3D* three-dimensional, *TR* repetition time, *TE* echo time, *NEX* number of excitations, *TSE* turbo spin echo, *VIBE* volume interpolated breath-hold examination, *SPACE* sampling perfection with application optimized contrast sing different flip angle evolutions.