

	T1	T2	FLAIR	3D-pCASL
FOV (mm)	240	240	210	240
TR (ms)	4065	1750	12000	4300
TE (ms)	87.8	25.8	144.46	36.8
Inversion time (ms)	--	--	2517	2025
Matrix	320x320	288x224	352 x 224	512x8
Slice thickness (mm)	6	6	4	3
Slice Number	21	21	21	64
Echo Train Length	24	10	30	--
Flip angle	--	160	111	--
Label duration (ms)	--	--	--	1.5
Scan time (min)	1min25	2min17	3min12	4min 35

Table 1. Imaging Parameters for the T1, T2, T2 FLAIR and 3D GRASE pCASL with background suppression