

## MRI BRACHIAL PLEXUS WITHOUT & WITH GAD (UNILATERAL)

Scan Range	Sufficient to cover brachial plexus from the contralateral spinous process of C-spine down to level of Sternoclavicular joint.
FOV	Fits to patient, FOV large enough to cover whole brachial plexus unilateral.
Patient Position	Supine, head first, NV coil
Localizer	3 plane scout
Breathing	Instruct patient to avoid swallowing during sequence acquisition.

PLANE	SEQUENCE	FAT SAT	MODE	SLT/SP	FOV	NOTES
Sagittal	T1	N	TSE	3 / 1	160 -180 mm	Contralateral C-spine vertebral process to humerus
Sagittal	T2 Mid TE FAT SAT	Yes, SPAIR	TSE	3 / 1		Contralateral C-spine vertebral process to humerus
Axial	T1	Y	TSE	3 / 1		
Axial	T2 Mid TE FAT SAT	Yes, SPAIR	TSE	3 / 1		
Coronal	T1	N	TSE	3 / 1		Anterior chest to back of neck. Angle to line up the acromion with C3.
Coronal	3D STIR	Y STIR	TSE	1.25/ 0		Anterior chest to back of neck.
INJECT CONTRAST						
AXIAL + C	T1 FAT SAT	SPIR	TSE	3 / 1		
Coronal + C	T1 FAT SAT	SPIR	TSE	3 / 1		Anterior chest to back of neck