

BRAIN, BRAINSTEM & CRANIAL NERVES

Revised: 10/2018

CPT Code: 70553

Indications: Cranial Nerve pathology, brainstem lesion, facial pain/numbness/spasm, trigeminal neuralgia

Contrast: YES

Preferred Scanner-Any Scanner (3T for Neuro patients)

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
AX	DWI	4	1.2	Y	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
SAG	T1 3D	.9	0	N	210	Entire brain, angled parallel to midline of brain	RFMT AX & COR
AX	T2	3	1.5	N	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
AX	FLAIR	3	1.5	N	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
AX	SWI	3	0	N	210	Entire brain from vertex thru cerebellum, angled parallel to the ACPC	
AX	3D SS FLUID	.7	0	N	150	Cover all cranial nerves from glabella to level of hard palate at angle parallel to hard palate	i.e.CISS=Siemens

CONTRAST

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
SAG	FLAIR	3	1.5	N	210	Entire brain, angled parallel to midline of brain	
SAG	T1 3D	.9	0	Y	210	Entire brain, angled parallel to midline of brain	RFMT AX & COR

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SCAN PLANNING:

ACPC: Anterior Commissure Line/Posterior Commissure Line

