

Neuro MRI Ordering Guide

Any patient, who will be receiving contrast, with hypertension, diabetes, kidney or liver disease will need creatinine and BUN or GFR within six weeks of exam. All patients over 60 yrs who will be receiving contrast, must have a creatinine & BUN or GFR within six weeks of exam. **If RENAL FAILURE (Creatinine over 1.8)-ORDER EXAM WITHOUT CONTRAST. Please provide any other relevant clinical information; For Infection & Tumors, please provide type.**

BODY PART		REASON FOR EXAM	PROCEDURE	NOTES	CPT CODE
BRAIN		Screening Altered mental status Dementia Psychiatric disorder Headaches Mesial Temporal Sclerosis Chronic Epilepsy Suspected venous sinus thrombosis Trauma Shaken baby syndrome Normal Pressure Hydrocephalus Acqueductal Stenosis Chiari Type 1 pre-surgical assessment	MRI BRAIN W/O CONTRAST		70551
		Tumor Metastasis Abscess Indeterminate intracranial lesion Meningitis Encephalitis Leptomeningeal spread Neurocysticercosis Non traumatic Brain Hemorrhage Cavernous angioma Amyloid angiopathy Multiple Sclerosis ADEM CADASIL Leukodystrophies New Onset Seizure Possible cortical dysplasia Delayed development AVM Undetermined vascular malformation Aneurysm Stroke	MRI BRAIN W AND W/O CONTRAST	If AVM, undetermined vascular malformation, aneurysm OR Stroke are suspected and this is the first exam (not follow-up), please see next section.	70553
		AVM, undetermined vascular malformation, Aneurysm or Stroke	MRI BRAIN W AND W/O CONTRAST AND MRA HEAD W/O CONTRAST	Please note if this is the first exam (not follow-up), please order both Studies	70553 & 70544
		Mass Metabolic abnormality Demyelinating disease	MRI SPECTROSCOPY	Please see next section for ordering MRI Spectroscopy	76390
		Primary brain tumor Metastasis Abscess Indeterminate intracranial lesion Encephalitis Neurocysticercosis Multiple Sclerosis Metabolic abnormality	MRI BRAIN W AND W/O CONTRAST AND MRI SPECTROSCOPY	Please order both exams if is the first time that the patient will be scanned, or if there is clinical concern for residual or recurrent disease.	70553 & 76390
		AVM Undetermined vascular malformation Aneurysm Stroke Dural Sinus Thrombosis Vasospasm Vasculitis	MRA HEAD W/O CONTRAST		70544
		Suspected venous sinus thrombosis Undetermined vascular malformation Venous varyx, Galen vein anomalies	MRA HEAD W/O CONTRAST - SPECIFY MRV ONLY	Please note, these are possible indications. Please specify MRV study.	70544
	HEAD AND NECK	Skull	ENT or Neurosurgical stereotactic approach	MRI HEAD W CONTRAST	(UMC order appears as MRI BRAIN W CONTRAST)
		Skull base Tumor Skull base Infection Clivus tumor	MRI HEAD W AND W/O CONTRAST	(UMC order appears as MRI BRAIN W AND W/O CONTRAST)	70553

BODY PART		REASON FOR EXAM	PROCEDURE	NOTES	CPT CODE
HEAD AND NECK	Sella/Pituitary	Pituitary dysfunction Adenoma, Sellar or suprasellar mass	MRI HEAD W AND W/O CONTRAST	(UMC order appears as MRI BRAIN W AND W/O CONTRAST)	70553
	Inner Ear (IAC)	CPA tumor Neurosensory hearing loss Post IAC surgery Pre cochlear implant 7th nerve palsy Labyrinthitis			
	Orbits	Orbital tumor Optic neuritis acute visual defect 3, 4, 6 th nerve palsy uveitis			
	Face and Paranasal Sinuses	Tumor Infection ENT tumor Sinus infection Trigeminal Neuralgia			
	Neck	Tumor Infection	MRI NECK W AND W/O CONTRAST	(UMC order appears as MRI FACE/ORBIT/NECK W & WO CONTRAST)	70543
Carotid/vertebral arterial disease AVM Undetermined vascular malformation Pseudo aneurysm Stroke Vasculitis Stenosis Subclavian steal		MRA NECK W AND W/O CONTRAST		70549	
SPINE	Cervical	Disc disease Pain Radiculopathy Trauma	CERVICAL SPINE W/O CONTRAST		72141
		Indications Tumor Infection MS Syrinx Transverse myelitis Postsurgical spine AVM Brachial plexus post radiation therapy, eval for mass lesions, entrapment, denervation	CERVICAL SPINE W AND W/O CONTRAST		72156
	Thoracic	Disc disease Pain Radiculopathy Trauma	THORACIC SPINE W/O CONTRAST		72146
		Tumor Infection MS Syrinx transverse myelitis postsurgical spine AVM	THORACIC SPINE W AND W/O CONTRAST		72157
	Lumbar	Disc disease Pain Radiculopathy Trauma	LUMBAR SPINE W/O CONTRAST		72148
		Tumor Infection MS Syrinx Transverse myelitis postsurgical spine AVM	LUMBAR SPINE W AND W/O CONTRAST		72158