

Neuro Imaging

MRI–CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY		CONTRAST REQUIRED?	SPECIALTY
MRI BRAIN	MRI Brain without contrast	70551	Alzheimer's Mental status change Confusion Dementia Memory Loss Suspected MS	Stroke/CVA TIA (transient ischemic attack) Trauma Dizziness/Vertigo Headaches	No	Neurology
	MRI Brain with and without contrast	70553	Tumor/Mass/Cancer Cranial nerve lesions HIV/AIDS Infection Multiple sclerosis (MS) Neurofibromatosis Hearing loss, IAC mass	Pituitary lesion Acoustic neuroma Bell's palsy (facial weakness) Visual change Metastases Vascular lesions (AVM) Recurrent cholesteatoma	Yes	Neurology
MRA BRAIN Arterial circulation Circle of Willis (COW)	MRA Brain without contrast	70544	Aneurysm or family history of aneurysm Transient ischemic attack (TIA) Stroke/CVA (cerebrovascular accident)		No	Neurology
MRV BRAIN Venous circulation	MRA Brain with and without contrast	70546	Venous/Sinus thrombosis Venous circulatory symptoms	Vascular lesions (AVM)	Determined by radiologist	Neurology
MRA NECK Carotid MRA	MRA Neck with and without contrast	70549	Bruit Stroke/CVA (cerebrovascular accident) Transient ischemic attack (TIA) Abnormal doppler	Dizziness Vascular lesions (AVM)	Yes	Neurology
MRI ORBITS Includes brain plus cuts thru the orbits	MRI Brain with and without contrast	70553	Trauma Graves' disease Exophthalmos/Proptosis	Pseudotumor Tumor/Mass/Cancer/Mets Vascular lesions (Hemangioma)	Yes	Neurology
MRI NECK Soft tissue	MRI Orbits/Face/Neck with and without contrast	70543	Infection Pain	Tumor/Mass/Cancer/Mets Vocal cord paralysis	Yes	Neurology
MRI SPINE Cervical	MRI Cervical spine without contrast	72141	Neck pain Arm/Shoulder pain Disk herniation (HNP)	Numbness Degenerative disk disease Radiculopathy	No	Neurology
	MRI Cervical spine with and without contrast	72156	Syringomyelia (syrinx) Discitis (disk infection) Osteomyelitis	Myelopathy Tumor/Mass/Cancer/Mets Known Multiple sclerosis (MS)*	Yes	Neurology
MRI SPINE Thoracic	MRI Thoracic spine without contrast	72146	Back pain or Trauma Degenerative disk disease Disk herniation (HNP) Multiple sclerosis (MS)	Radiculopathy Compression fracture (no history of malignancy)	No	Neurology
	MRI Thoracic spine with and without contrast	72157	Syringomyelia (syrinx) Discitis (disk infection) Osteomyelitis	Myelopathy Tumor/Mass/Cancer/Mets Known Multiple sclerosis (MS)*	Yes	Neurology
MRI SPINE Lumbar	MRI Lumbar spine without contrast	72148	Back/Leg pain Degenerative disk disease Disk herniation (HNP) Radiculopathy Trauma	Sciatica/Radiculopathy Spondylolisthesis Spinal stenosis Compression fracture Scoliosis	No	Neurology
	MRI Lumbar spine with and without contrast	72158	Discitis (disk infection) Osteomyelitis	Post-op hx of back surgery Tumor/Mass/Cancer/Mets	Yes	Neurology
MRI LUMBOSACRAL PLEXUS	MRI Pelvis without contrast	72195	Leg pain/Sciatica Radiculopathy	Lumbar plexopathy Sacral/Coccyx pain	No	Neurology
MRI BRACHIAL PLEXUS	MRI Upper extremity non-joint with and without contrast	73220	Shoulder injury Nerve avulsion	Brachial plexopathy	Determined by radiologist	Neurology

Neuro Physician Hotline: 919-676-5090 (7 days a week)

Main Scheduling: 919-232-4700 (choose option 1) **Main Fax:** 919-235-3940 **Chapel Hill Scheduling:** 919-942-3196 **Chapel Hill Fax:** 919-933-9925

Body Imaging*

MRI—CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY	CONTRAST REQUIRED?	SPECIALTY
MRI CHEST Mediastinum	MRI Chest/Mediastinum with and without contrast	71552	Tumor/Mass/Cancer/Mets	Yes	Body
MRA CHEST Thoracic aorta	MRA Chest with and without contrast	71555	Long-term surveillance of type B dissection	Yes	Body
MRA ABDOMEN Aorta	MRA Abdomen with and without contrast	74185	Chronic known abdominal aneurysm	Yes	Body
MRA ABDOMEN Renal artery Mesenteric arteries	MRA Abdomen with and without contrast	74185	Uncontrollable hypertension Renal artery stenosis Mesenteric arterial stenosis	Yes	Body
MRA ABDOMEN Aorta with peripheral runoff	MRA Abdomen with and without contrast MRA Lower extremity with or without contrast	74185 73725	Peripheral vascular disease Claudication Abdominal aortic stenosis Abdominal aortic aneurysm Abdominal aortic surveillance	Yes	Body
MRI ABDOMEN**	MRI Abdomen with or without contrast	74183	Tumor/Mass/Cancer/Mets Abdominal pain	Yes	Body
MRI ABDOMEN Liver - routine	MRI Abdomen with or without contrast	74183	Hepatitis Hemangioma Abnormal liver function test Characterization of any liver lesion seen on other imaging	Yes	Body
MRI ABDOMEN Liver - Eovist	MRI Abdomen with or without contrast	74183	Cirrhosis Hepatoma surveillance Embolization planning and post therapy surveillance	Yes	Body
MRI ABDOMEN Kidneys	MRI Abdomen with or without contrast	74183	Hematuria (blood in urine) Transitional cell carcinoma of kidney Abnormal findings on other imaging studies Renal mass (cyst or solid)	Yes	Body
MRI ABDOMEN Adrenal	MRI Abdomen with and without contrast	74183	Adrenal mass or lesion Pheochromocytoma Hypertension	Determined by radiologist	Body
MRI ABDOMEN MRCP - Biliary	MRI Abdomen with and without contrast	74183	Abdominal pain Biliary obstruction Ductal stones Jaundice Abnormal enzymes	Yes	Body
MRI ABDOMEN MRCP - Pancreas	MRI Abdomen with and without contrast	74183	Pancreatitis Pancreas mass Cholangiocarcinoma Primary sclerosing cholangitis (PSC) Increased pancreatic function test Painless jaundice Ampulla evaluation	Yes	Body
MRA PELVIS Iliac vessels	MRA Pelvis with and without contrast	72198	Pelvic venous thrombosis	Yes	Body
MRI PELVIS Soft tissue	MRI Pelvis with and without contrast	72197	Fibroid Adenomyosis Infertility Pre/Post-Uterine Fibroid Embolization (UFE) Endometrioma Ovarian mass	Yes	Body
MR ENTEROGRAPHY	Dual Study: MRI Abdomen with and without contrast MRI Pelvis with and without contrast	74183 72197	Crohn's disease Celiac disease (Sprue) Crohn's fistulous disease Small bowel tumor	Yes Glucagon	Body
MRA UPPER EXTREMITY	MRA Upper extremity with and without contrast	73225	Subclavian Redness or swelling Tenderness	Yes	Body Orthopedic
MRA LOWER EXTREMITY	MRA Lower extremity with and without contrast	73725	Peripheral vascular disease	Yes	Body Orthopedic

* Exams of the chest, abdomen and pelvis are tailored to the clinical indication and needs of the patient. Images are reviewed by a radiologist before the patient leaves the office.

** When scheduling, organ must be specified.

Body MRI Physician Hotline: 919-788-7978 (Monday-Friday)

Main Scheduling: 919-232-4700 (choose option 1) **Main Fax:** 919-235-3940 **Chapel Hill Scheduling:** 919-942-3196 **Chapel Hill Fax:** 919-933-9925

Orthopedic/MSK & Sports Imaging

MRI–CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY		CONTRAST REQUIRED?	SPECIALTY
MRI EXTREMITY NON-JOINT Forearm Humerus Lower leg/Calf Femur/Thigh	MRI Non-joint without contrast: Upper extremity	73218	Fracture		No	Orthopedic
	Lower extremity	73718	Stress fracture Muscle or tendon tear			
	MRI Non-joint with and without contrast: Upper extremity	73220	Abscess	Myositis	Yes	Orthopedic
	Lower extremity	73720	Ulcer Tumor/Mass/Mets Cellulitis	Osteomyelitis Soft tissue tumor or mass		
MRI EXTREMITY JOINT: UPPER Hand Wrist Elbow Shoulder SC Joint	MRI Joint without contrast: Upper extremity	73221	Arthritis	Meniscal tear	No	Orthopedic
	Lower extremity	73721	Avascular necrosis (AVN) Stress fracture Internal derangement Joint pain Labral tear	Muscle tear Ligament tear Cartilage tear Osteochondritis dissecans (OCD)		
LOWER Foot Ankle Knee Hip	MRI Joint with and without contrast: Upper extremity	73223	Abscess	Osteomyelitis	Yes	Orthopedic
	Lower extremity	73723	Ulcer Cellulitis Plantar fasciitis Myositis	Inflammatory arthritis Septic arthritis Tumor/Mass/Mets Morton's neuroma		
MRI PELVIS/HI (BONY)	MRI Pelvis without contrast	72195	Fracture Hip/Pelvis pain	Trauma Muscle/Tendon tear	No	Orthopedic
	MRI Pelvis with and without contrast	72197	Tumor/Mass/Cancer/Mets Osteomyelitis	Septic arthritis Abscess	Yes	Orthopedic
MRA UPPER EXTREMITY	MRA Upper extremity with and without contrast	73225	Subclavian Redness or swelling	Tenderness	Yes	Orthopedic Body
MRA LOWER EXTREMITY	MRA Lower extremity with and without contrast	73725	Peripheral vascular disease		Yes	Orthopedic Body
MR ARTHROGRAM Upper extremity Shoulder Elbow Wrist	MRI Upper extremity joint with contrast	73222	Slap tear Tunnel syndrome TFCC tear Labral tear (contrast given at ordering provider's discretion)	Ligament injury Loose body	Yes	Orthopedic
	MRI Lower extremity joint with contrast	73722	Labral tear (contrast given at ordering provider's discretion) Femoroacetabular impingement (FAI) Loose body Osteochondritis dissecans lesion (OCD)		Yes	Orthopedic

MSK Physician Hotline: 919-782-4830 (7 days a week)

Main Scheduling: 919-232-4700 (choose option 1) **Main Fax:** 919-235-3940 **Chapel Hill Scheduling:** 919-942-3196 **Chapel Hill Fax:** 919-933-9925 02_2019

Breast Imaging MRI–CPT Quick Reference

STUDY	CPT DESCRIPTION	CPT CODE	INDICATIONS FOR EXAM OR STUDY	CONTRAST REQUIRED?	SPECIALTY
BREAST MRI	MRI Breast bilateral without and with contrast - including CAD	77049	Newly diagnosed breast cancer Family history of breast cancer BRCA1 or BRCA2 genes (some criteria may apply)	Yes	Breast
IMPLANT BREAST MRI	MRI Breast bilateral without contrast	77047	Silicone implant surveillance/Rupture	No	Breast

Breast MRI Physician Hotline: 919-788-7978 (Monday-Friday)

Main Scheduling: 919-232-4700 (choose option 1) **Breast MRI Fax:** 919-783-6330 **Chapel Hill Scheduling:** 919-942-3196 **Chapel Hill Fax:** 919-933-9925