

MRI Reference Chart:

What to Order and When

Questions? Call and ask to speak with our Radiologists 775-323-5083

CLINICAL INDICATIONS	MR Arthrogram*	Without IV Contrast	With & Without IV Contrast	WHAT TO ORDER
GENERAL				
Osteomyelitis of any extremity, Spine or General Infection			✓	MRI (indicate area of interest) with and without contrast
Soft Tissue Mass of Extremity or Body Wall			✓	MRI (indicate area of interest) with and without contrast
SHOULDER/ELBOW/WRIST/HAND/FINGERS				
Evaluate for Cartilage Injury, Ligament Tear, Stress Fracture, Contusion, Synovitis, Ganglion Cyst, Occult Fracture, Pain of Shoulder, Elbow, Wrist, Hand or Fingers		✓		MRI (indicate area of interest) Shoulder, Elbow, Wrist, Hand, or Fingers without contrast
Slap Lesion, Labral Tear, Shoulder Instability, TFCC Tear	✓ *			MR Arthrogram (Shoulder/Elbow/Wrist)
Rotator Cuff Tear, Shoulder Dislocation, Adhesive Capsulitis		✓		MRI Shoulder without contrast
Bicep Tendon Tear (typically elbow)		✓		MRI Elbow without contrast
HIP/KNEE/ANKLE/FOOT/TOES				
Meniscal or Cartilage Injury, Ligament Tear, Internal Derangement, Stress Fracture, Occult Fracture, Pain of Hip, Knee, Ankle, Foot or Toes		✓		MRI (indicate area of interest) Hip, Knee, Ankle, Foot, Toes without contrast
Labral Tear, Impingement	✓ *			MR Arthrogram (Hip or Shoulder)
Achilles Tendon Tear, Injury		✓		MRI Ankle without contrast - Achilles Tear
Forefoot Neuroma			✓	MRI Forefoot with and without contrast - Neuroma
LONG BONES				
Soft Tissue Mass, Tumor			✓	MRI (indicate area of interest) of Humerus, Ulna, Radius, Femur, Tibia, Fibula with and without contrast
Muscle Tear		✓		MRI (indicate area of interest) of Humerus, Ulna, Radius, Femur, Tibia, Fibula with and without contrast
MRA EXAMS - EXTREMITIES, UPPER OR LOWER				
Arterial Obstruction or AVM, Stenosis			✓	MRA (indicate area of interest)

*Requires intra-articular injection of contrast performed under fluoroscopy prior to MRI.
 Certain implants and devices require MRI clearance. Contact RDC at 775-323-5083 for details.

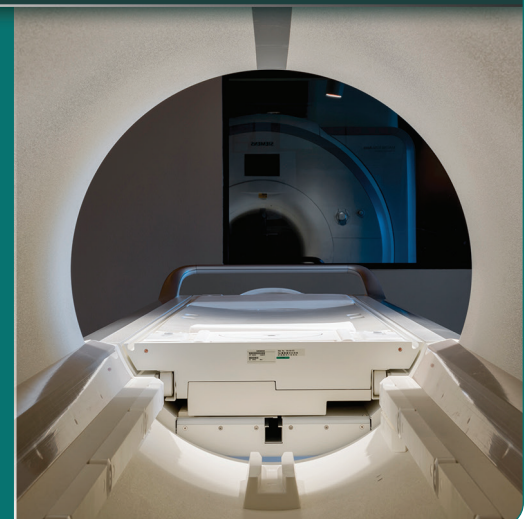
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BRAIN IMAGING			
Dementia, Memory Loss, Trauma, Hydrocephalus, Tremors	✓		MRI Brain without contrast
Migraines, Headaches	✓		MRI Brain without contrast
Tumor, History of Cancer, Bell's Palsy, Multiple Sclerosis, Seizures, Strokes, Weakness, TIA, Trigeminal Neuralgia		✓	MRI Brain with and without contrast
Acoustic Neuroma, Hearing Loss, Vertigo, Tinnitus		✓	MRI IAC with and without contrast (often in addition to MRI Brain with and without)
Pituitary Adenoma, Tumor, Abnormal Prolactin, Galactorrhea, Amenorrhea, Abnormal Endocrine Labs		✓	MRI Pituitary with and without contrast (often in addition to MRI Brain with and without)
History of Visual Disturbances, Proptosis, Optic Neuritis		✓	MRI Orbits with and without contrast (often in addition to MRI Brain with and without)
SOFT TISSUE NECK			
Soft Tissue Neck Mass, Skull Base Mass		✓	MRI Soft Tissue Neck with and without contrast
TEMPOROMANDIBULAR JOINTS			
TMJ Pain, Clicking, Locking	✓		MRI TMJ without contrast
NEURO ANGIOGRAPHY			
Brain Intracranial Arteries- Stenosis, Aneurysm, TIA		✓	MRA intracranial (COW) without contrast
Brain Intracranial Veins- Thrombus, Stroke		✓	MR Venogram without contrast
Neck Vessels, Aortic Arch to Skull Base		✓	MRA Neck with and without contrast
BRACHIAL PLEXUS			
Brachial Plexus Neuropathy	✓		MRI Brachial Plexus without contrast (can be performed with contrast if history or concern for malignancy)
SPINE, CERVICAL, THORACIC and LUMBAR			
Pain, Radiculopathy, Compression Fracture	✓		MRI (Cervical/Thoracic/Lumbar) without contrast
Myelopathy, Multiple Sclerosis, Tumor, Infection, Syrinx, Previous Spine Surgery within last 5 years		✓	MRI (Cervical/Thoracic/Lumbar) with and without contrast
BODY			
MUSCULOSKELETAL/CHEST			
AC Joint Pain, SC Joint Pain, Sternum, Pectoralis Tear, Scapula	✓		MRI Chest without contrast (indicate area of interest)
Chest Wall Mass or Pain		✓	MRI Chest with and without contrast
ABDOMEN			
Liver/Pancreas/Renal		✓	MRI Abdomen with and without contrast (indicate area of interest)
Bile Duct and Pancreatic Duct Evaluation, Suspected Stone or Obstruction	✓		MRCP without contrast (usually done with MRI Abdomen with and without contrast)
RENAL ANGIOGRAPHY			
Renal Artery Stenosis, Hypertension		✓	MRA Renal Angiography with and without contrast
PELVIS			
Sacral Fracture, Coccyx Fracture, SI Joint Pain, Muscle Strain	✓		MRI Pelvis MSK without contrast
Adductor Avulsion, Sports Hernia	✓		MRI Pelvis without contrast - sports hernia
Muscular Mass, Pain or Abnormality		✓	MRI Pelvis MSK with and without contrast
Gynecologic Abnormalities, Pain		✓	MRI Pelvis GYN with and without contrast
Prostate Cancer, Elevated PSA		✓	MRI Pelvis Prostate with and without contrast
BREAST			
Implant Rupture (does not rule out malignancy)	✓		MRI Breast Implant Rupture without contrast
History of Breast Cancer, Abnormal Diagnostic Mammogram, Abnormal Diagnostic Ultrasound (recent diagnostic mammogram preferred)		✓	MRI Breast with and without contrast