

# Special Instructions

## Safety concerning NSF and gadolinium-based contrast agents (GBCA)

### FDA and ACR guidelines are as follows:

Prior to administering MRI contrast (GBCA), any patient who answers “yes” to any of the following questions will undergo laboratory testing in order to measure renal function (eGFR). Optim Imaging can provide the lab testing in the office.

- Age > 60
- Renal Disease (including solitary kidney, renal transplant, renal tumor)
- History of Hypertension (high blood pressure)
- History of Diabetes
- History of severe hepatic disease, liver transplant, or pending liver transplant
- Compromising blood diseases

**If laboratory test for renal function (eGFR--estimated Glomerular Filtration Rate) is abnormal measuring > 30ml/min/1.73m<sup>2</sup>, then MRI contrast (GBCA) injection will not be given.**

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The following items may be hazardous or require special attention before having an MRI exam. After certain surgeries, if you received a card with the manufacture and model number of the stent, insulin pump, heart valve or other implant; please make a copy and fax with MRI order to check for compatibility. If a card is not available, operative notes that show model number(s) may be required.

Cardiac pacemaker (even if it has been removed)

Brain aneurysm clip(s)

Implanted insulin pump (**COPY CARD**)

Implanted drug pump (**COPY CARD**)

Neurostimulator (even if it has been removed)

Ear implants (cochlear, stapes, incus) **MUST HAVE CARD \*\*\*\*Cochlear implants cannot have MRI\*\*\*\***

Heart Valve (**COPY CARD**)

Heart Valve (**COPY CARD**)

Penile implant (**MUST HAVE CARD**)

Lumbar Surgery

Metal in eyes if **YES**, for safety need x-rays. ( Can be done at Optim Imaging).

# MRI Ordering Guide

To Schedule an appointment call : **Optim Imaging (Savannah)** office 912-644-5313 or **Optim Medical Center / Tattnall (Reidsville)** 912-557-1204

## Musculoskeletal / Bone and Joints

CPT Code	Exam to Order	Symptoms / Concerns	
<b>73221</b>	<b>Upper Extremity Joint without contrast</b>		
	Shoulder	Arthritis	Labral Tear (may need MR Arthrogram)
	Elbow	Avascular Necrosis (AVN)	Tendon, Ligament or Cartilage Tear
	Wrist	Fracture / Stress Fracture	Tendinitis
		Pain	Impingement
		Internal Derangement	Epicondylitis
		Muscle Tear	Lipoma
<b>73222</b>	<b>Upper Extremity Joint with contrast (Arthrography)</b>		
23350 (injection)	Shoulder	Labral Tear	Ligamentous tear - wrist
24220 (injection)	Elbow	Loose Bodies	Rotator cuff tear -Post Surgery
25246 (injection)	Wrist	Pain after dislocation	TFCC injury
<b>73223</b>	<b>Upper Extremity Joint with and without contrast</b>		
	Shoulder	Abcess	Bone Tumor / Mass
	Elbow	Ulcer	Soft Tissue Tumor / Mass
	Wrist	Cellulitis	Infection
		Osteomyelitis	Rheumatoid / Inflammation Arthritis
			Septic Arthritis
<b>73218</b>	<b>Upper Extremity Non-Joint without contrast</b>		
	Humerus	Lipoma	
	Forearm	Tendon, Ligament or Cartilage Tear	
	Hand	Bursitis	
	Fingers	Tendinitis	
		Muscle Tear	
<b>73220</b>	<b>Upper Extremity Non-Joint with and without contrast</b>		
	Humerus	Abcess	Bone Tumor / Mass
	Forearm	Ulcer	Soft Tissue Tumor / Mass
	Hand	Cellulitis	Infection
	Fingers	Osteomyelitis	
<b>CPT Code</b>	<b>Exam to Order</b>	<b>Symptoms / Concerns</b>	
<b>73721</b>	<b>Lower Extremity Joint without contrast</b>		
	Hip	Arthritis	Labral Tear (may need MR Arthrogram)
	Knee	Avascular Necrosis (AVN)	Tendon, Ligament or Cartilage Tear
	Ankle	Fracture / Stress Fracture	Meniscal Tear
		Pain	Osteochondritis Dessicans (OCD)
		Internal Derangement	Muscle Tear
		Lipoma	Plantar Fasciitis
		Tarsal tunnel syndrome	
<b>73722</b>	<b>Lower Extremity Joint with contrast (Arthrography)</b>		
27093 (injection)	Hip	Labral Tear	Labral Tear -Post surgery
27370 (injection)	Knee	Loose Bodies	Meniscus - Post surgery
27648 (injection)	Ankle	Pain after dislocation	Unstable Osteochondral
<b>73723</b>	<b>Lower Extremity Joint with and without contrast</b>		
	Hip	Abcess	Bone Tumor / Mass
	Knee	Ulcer	Soft Tissue Tumor / Mass
	Ankle	Cellulitis	Infection
		Osteomyelitis	
		Septic Arthritis	
<b>73718</b>	<b>Lower Extremity Non-Joint without contrast</b>		
	Femur	Fracture / Stress Fracture	
	Tibia / Fibula	Tendon, Ligament or Cartilage Tear	
	Foot	Bursitis	
	Toe	Tendinitis	
		Muscle Tear	
		Lipoma	
<b>73720</b>	<b>Lower Extremity Non-Joint with and without contrast</b>		
	Femur	Abcess	Bone Tumor / Mass
	Tibia / Fibula	Ulcer	Soft Tissue Tumor / Mass
	Foot	Cellulitis	Infection
	Toe	Osteomyelitis	Morton's Neuroma

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## Brain - Neuro

CPT Code	Exam to Order	Symptoms / Concerns	
70551	Brain without Contrast	TIA Memory Loss Confusion Shunt Check	
70553	Brain with and without Contrast	Known or Suspected Tumor Multiple Sclerosis Dizziness Vertigo Seizures	Infection Metastatic Disease AVM Headache
70553	Brain with and without Contrast for IAC	Hearing loss Acoustic Neuroma Dizziness Vertigo Meniere's Disease	Bell's Palsy
70553	Brain with and without Contrast for Pituitary	Pituitary Lesion Elevated Prolactin Levels	
70544	Brain MRA without Contrast	Known or Suspected Aneurysm Stroke TIA AVM	Circle of Willis- Intracranial circulation
70543	Orbits with and without Contrast	Infection Neoplasm Visual Disturbance Inflammation / Swelling	Graves Disease Proptosis Loss of Vision Optic Neuritis
70543	Soft Tissue Neck with and without Contrast	Neck Mass Adenopathy Infection Salivary gland mass	Vocal Cord Paralysis Known or Suspected lesion Thyroid, Parathyroid Pain
70548	MRA Neck with Contrast	Carotid Stenosis Bruit TIA	Vascular Tumor Cerebral Vascular Accident

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## Chest - Abdomen - Pelvis

CPT Code	Exam to Order	Symptoms / Concerns	
71552	Brachial Plexus without Contrast	Evaluate for entrapment Brachial Plexus pathology	
71552	Brachial Plexus with and without Contrast	Infection Neoplasm	
71552	Chest Wall with and without Contrast	Pectoralis Injury Sternoclavicular Joint Disease	
74181	Abdomen without Contrast (MRCP)	Biliary Obstruction Gallbladder Stones Jaundice	
74183	Abdomen with and without Contrast	Abdominal Pain Complaints related to liver, spleen, pancreas and kidneys	
74183	Abdomen with and without Contrast	Crohn's disease	
72179	Pelvis with and without Contrast	Inflammatory bowel disease Ischemic bowel disease	
72195	Pelvis without Contrast	Coccyx Fracture Pubic Arthralgia Sacroiliitis Stress Fracture	Pelvic Fracture Sacral Fracture Sports Hernia Muscle Tendon Tear
72197	Pelvis with and without Contrast	Suspected pelvic mass Scrotal / Testicular / Penile Cancer Hernia Bladder / Rectal Cancer	Endometriosis Fibroids Uterine Mass Ovarian Disease

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## Spines

CPT Code	Exam to Order		Symptoms / Concerns
<b>72141</b>	<b>Cervical without contrast</b>	Degenerative Disease Pain Disc Herniation (HNP) Chiari Malformation Fracture	Post op Radiculopathy Syrinx (known) Stenosis Lordosis / Scoliosis
<b>72156</b>	<b>Cervical with and without contrast</b>	Discitis Osteomyelitis Multiple Sclerosis (MS) Myelopathy	Abscess / Infection Syrinx (suspected) Tumor / Mass
<b>72156</b>	<b>Thoracic without contrast</b>	Degenerative Disease Pain Disc Herniation (HNP) Fracture Schmorl's Nodes	Radiculopathy Syrinx (known) Compression Fracture (non-pathologic) Stenosis Post -op greater than 6 months
<b>72157</b>	<b>Thoracic with and without contrast</b>	Discitis Osteomyelitis Multiple Sclerosis (MS) Myelopathy	Abscess / Infection Syrinx (suspected) Tumor / Mass Post- op less than 6 months Compression Fracture (pathologic)
<b>72148</b>	<b>Lumbar without contrast</b>	Degenerative Disease Pain Disc Herniation (HNP)	Post-op greater than 2 years Radiculopathy Syrinx (known) Stenosis
<b>72158</b>	<b>Lumbar with and without contrast</b>	Discitis Osteomyelitis Multiple Sclerosis (MS) Myelopathy	Abscess / Infection Syrinx (suspected) Tumor / Mass Post-op less than 2 years