
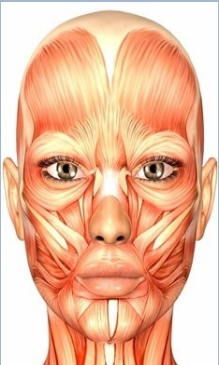




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## CT ANATOMICAL GUIDE



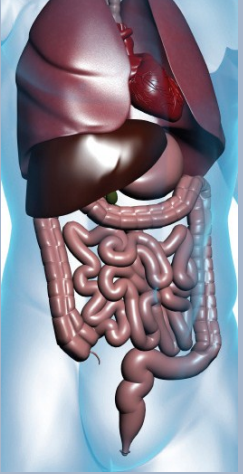
Area of Concern	Body Part	Most common indications		Contrast	Procedure to Pre-Cert	CPT Codes
<b>Head</b>  	<b>Brain</b>	Alzheimer's Change in mental status CVA TIA Hydrocephalus	Memory Loss, Confusion Shunt check Stroke/Bleed Trauma	None	CT Head w/o contrast	70450
		Cerebral Aneurysm (MRI preferred) Melanoma HIV Mass/Tumor	Meningioma Infection Metastatic Staging	IV Contrast	CT Head w/wo contrast (* MR of the brain may be preferred if the patient is able)	70470
	<b>Orbits</b>	Bony Abnormalities Fracture	Foreign Body Trauma	None	CT Orbits w/o contrast (Sella & Inner ear)	70480
		Abscess Cellulitis Graves Disease	Mass, swelling Pain	IV Contrast	CT Orbits w/contrast (Sella & Inner ear) (* MR of the brain may be preferred if the patient is able)	70481
<b>Face/Neck</b>  	<b>Sinus</b>	Congestion Deviated Septum Foreign Body Mass Pre/Post OP	Nasal Polyps Pain Sinus headache Sinusitis	None	CT Sinus w/o contrast (Maxillofacial)	70486
	<b>Face</b>	Bony Abnormalities Fracture	Pain Trauma	None	CT Maxillofacial w/o contrast	70486
		Infection Swelling, Mass in face	Tumor, Abscess	IV Contrast	CT Maxillofacial w/ contrast	70487
	<b>Temporal Bones</b>	Congenital hearing loss Tinnitus	Mass Trauma	None	CT Temporal bones w/o contrast (Orbits, sella & Inner ear)	70480
	<b>Neck</b>	Salivary stone gland		None	CT Soft tissue neck w/o contrast	70490
		Dysphagia Esophageal cancer Focal mass	Swollen lymph nodes Goiter Lymphoma	IV Contrast	CT Soft tissue neck w/ contrast	70491



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Area of Concern	Body Part	Most Common Indications		Contrast	Procedures to Pre-Cert	CPT Codes
<b>Abdomen/Pelvis</b> 	<b>Abdomen &amp; Pelvis</b> <b>General</b>	<b>Abnormal US</b> <b>Adnexal mass</b> <b>All Cancer Staging</b> <small>*except melanoma or carcinoid</small> <b>Diverticulosis</b> <b>Hernia</b> <b>Lymphoma</b> <b>METS</b> <b>Neoplasm</b> <b>Ovarian cancer</b> <b>Pelvic Mass</b> <b>Rectal Bleeding</b> <b>Trauma</b> <b>Weight loss</b>	<b>Abdominal/pelvic pain</b> <b>Appendicitis</b> <b>Bloody Stools</b> <b>Diverticulitis</b> <b>Groin pain</b> <b>IBD</b> <b>Mass</b> <b>Nausea/Vomiting/Diarrhea</b> <b>Ovarian cancer staging</b> <b>Pelvic pain</b> <b>Prostate, colon cancer screening</b> <b>RUQ or LUQ pain</b> <b>Umbilical hernia</b>	<b>Oral and IV Contrast</b>	<b>CT abdomen w/contrast</b> <b>CT Pelvis w/ contrast</b>	<b>74177</b>
		<b>Cancer staging for melanoma or carcinoid</b>				
	<b>CT Abd/Pelvis</b> <b>Enterography</b> <b>For Gastroenterologists</b>	<b>Bowel Obstruction</b> <b>Crohn's disease</b> <b>Evaluation of bowel patency</b> <b>Mesenteric/Intestinal Bleeding</b> <b>Suspected GI Bleeding</b> <b>Suspected small bowel tumors</b>		<b>Oral and IV Contrast</b>	<b>CT abdomen w/contrast</b> <b>CT Pelvis w/contrast</b>	<b>74177</b>



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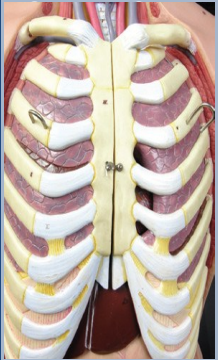

Area for concern	Body Part	Most Common Indications		Contrast	Procedure to Pre-Cert	CPT Codes
Adrenal / Pancreas  Renal  	Liver	Abnormal abdominal US H/o of liver cancer Hepatitis Hemochromatosis Jaundice Liver transplant	Cirrhosis Hemangioma Hepatoma Increased LFT's RUQ pain	Oral and IV Contrast	CT Abdomen w/wo contrast	74170
	Renal Stone	Anuria Flank Pain Low back pain Urinary frequency	Dysuria Hematuria Prostatitis Stone	None	CT Abdomen & Pelvis w/o contrast	74176
	Tri-phase Renal	Abnormal Abdominal US Flank Pain H/o renal cancer H/o stones Hematuria	Hydronephrosis Hypertension Low back pain Polycystic kidney disease Renal failure, mass, transplant	Oral and IV Contrast	CT Abdomen w/wo contrast	74170
	CT Urograms for Urologists	Abnormal renal US Bladder mass or tumor Suspected renal mass	Abnormal cystogram H/o renal cancer Painless hematuria	IV Contrast	CT Abdomen & Pelvis w/wo contrast	74178
	Adrenal	Adrenal Mass		None	CT abdomen w/o (* MR of the brain may be preferred if the patient is able)	74150
	CTA Abdomen	AAA -abdominal aortic aneurysm Abnormal US Dissection Mesenteric ischemia Triple AAA	Post stent grafting Renal artery stenosis Retroperitoneal bleed Trauma Renal artery aneurysm	IV Contrast	CTA abdomen/pelvis w/wo contrast	74175 & 74174
Chest  	CTA Chest	Aortic Dissection	Post Op Aorta	None	CTA Chest w/wo contrast	72175
	CTA Chest (PE) (non-coronary)	Aortic dissection Chest pain Leg pain Pulmonary embolus	Shortness of breath Thoracic aneurysm	IV Contrast	CTA Chest w/ contrast	71275
	CTA Lower Ext Run Off	Chest Pain Non Healing wound Popliteal artery aneurysm	Claudication Peripheral artery disease	IV Contrast	CTA Abdomen & Bilateral Lower Extremity Run-off w/contrast	75635



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## CT ANATOMICAL GUIDE



Area of Concert	Body Part	Most Common Indications		Contrast	Procedure to Pre-Cert	CPT Codes
	General Chest	Abscess Abnormal Chest x-ray Adenopathy Asbestos exposure Cough Enlarge aortic arch Hemoptysis Hilar abnormality	Hx cancer, tumor, mets Lung lesion Lymphadenopathy Neoplasm Pneumonia Pulmonary nodule Sarcoidosis Shortness of breath	IV Contrast	CT Chest w/contrast	71260
		Bony abnormality Chronic cough H/o chronic smoking	Lung nodule follow up Rib fractures, trauma	None	CT Chest w/o contrast	71250
	Hi Resolution Chest	Asbestos exposure Bronchiectasis COPD /emphysema	Fibrosis Interstitial disease	None	CT Chest w/o contrast Hi Resolution	72150
Musculoskeletal	Extremities					
	Upper Hand, wrist, elbow, Radius, ulna, humerus, femur	Arthritis Fracture Fusion	Malunion Pain	None	CT w/o contrast Upper Lower	73200 73700
	Lower Foot, ankle, knee, hip, tibia/fibula, femur	Infection	Tumor/Mass/Cancer Mets (MRI more sensitive)	IV Contrast	CT w/contrast Upper Lower	73201 73701
	Spine	Fracture Fusion	Pain Trauma	None	CT w/o contrast Cervical Thoracic Lumbar	72125 72128 72131
		Infection (*Note not all cases require contrast, please consult with a Radiologist)	Tumor/Mass/Cancer/Mets (MRI more sensitive)	IV Contrast	CT w/contrast Cervical Thoracic Lumbar	72126 72129 72132






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## CT ANATOMICAL GUIDE






Area of Concern	Body Part	Most Common Indications	Contrast	Procedure to Pre-Cert	CPT Codes
<b>Musculoskeletal (Continued)</b> 	<b>Pelvic/Hips Acetabulum</b>	<b>Arthritis Fracture Pain</b>	<b>None</b>	<b>CT Pelvis w/o contrast</b>	<b>72192</b>
		<b>Infection (*Note not all cases require contrast, please consult with a Radiologist) Mets,Cancer Tumor/mets</b>	<b>IV Contrast</b>	<b>Ct Pelvis w/wo contrast</b>	<b>72193</b>



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## MRI ANATOMICAL GUIDE



Area of Concern	Body Part	Most Common Indications		IV Contrast	Procedure to Pre-Cert	CPT Codes	Medicare Codes
<b>Head</b> 	Brain	Alzheimer's Confusion Dementia Dizziness Headaches	Memory Loss Mental Status Change Stroke/ CVA TIA Trauma	No	MRI Brain w/o contrast	70551	Same
		Acoustic Neuroma Bell's palsy Cranial Nerve Lesions Elevated Prolactin Hearing Loss, IAC Mass HIV Multiple Sclerosis	Neurofibromatosis Pituitary Lesion Syrinx Tumor/ Mass/ Cancer Vascular Lesions (AVM) Visual Changes	Yes	MRI Brain w/wo contrast	70553	Same
	MRA Brain	Aneurysm, family hx aneurysm COW	TIA Stroke/CVA	No	MRA Brain w/o contrast	70544	Same
<b>Face/Neck</b> 	MRA Neck	Bruit Stroke/CVA	TIA Abnormal Doppler	Yes	MRA Neck w/wo contrast	70549	Same
	MRA Arch and Great Vessels	Bruit Stroke/CVA	TIA	Yes	MRA Next w/wo contrast	70549	Same
	MRV Brain	Venous Thrombosis		No	MRV w/o contrast	70544	Same
	Orbits	Trauma		No	MRI Orbits/Face/Neck w/o contrast	70540	Same
		Ophthalmos/Proptosis Graves Disease Pseudotumor	Tumor/Mass/Cancer/Mets Vascular Lesions (Hemangioma)	Yes	MRI Orbits/Face/Neck w/wo contrast	70543	Same
Neck	Infection Pain	Tumor/Mass/Cancer/Mets Vocal Cord Paralysis	Yes	MRI Orbits/Face/Neck w/wo contrast	70543	Same	
<b>Chest</b> 	Mediastinum	Tumor/ Mass/ Cancer/ Mets		Yes	MRI Chest Mediastinum w/wo contrast	71552	Same
	Sternum	Chest Contusions, Sternal Injury (i.e. car accident, sports injury)		No	MRI Chest Mediastinum w/o contrast	71550	Same
	Brachial Plexus	Brachial Plexus Injury Nerve Avulsion		Yes	MRI Chest Mediastinum w/wo contrast	71552	Same
	MRA Aorta	Abdominal Aortic Dissection		Yes	MRA Aorta w/wo Contrast (Abdomen)	74185	C8900, c8901, c8902
	MRA Chest	excluding cardiac myocardium		Yes	MRA Chest w/wo contrast	71555	C8909, C8910, C8911


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## MRI ANATOMICAL GUIDE



Area of Concern	Body Part	Most Common Indications		IV Contrast	Procedure to Pre-Cert	Codes	Medicare Codes	
	Abdomen General Liver	Abdominal Pain Hemangioma Hepatoma	Tumor/Mass/Cancer/Mets Post embolization	Yes	MRI Abdomen w/wo	74183	Same	
	Renal	Abnormal Finding Hematuria	Renal Mass(Cyst or solid) Transitional cell carcinoma Of kidney	Yes	MRI Abdomen w/wo contrast	74183	Same	
	Adrenal	Adrenal Mass or Lesion	Pheochromocytoma	No	MRI Abdomen w/wo contrast	74183	Same	
	MRCP							
	Biliary	Abnormal Enzymes Biliary Obstruction	Jaundice Stones	No	MRI Abdomen w/wo contrast (MRCP)	74183	Same	
	Pancreas	Ampulla evaluation Cholangiocarcinoma Increased LFT's Painless jaundice	Pancreas Mass Pancreatitis PSC(primary sclerosing chol- angitis)	Yes	MRI Abdomen w/wo contrast (MRCP)	74183	Same	
	MRA Abdomen	Hypertension Mesenteric Arterial Ischemia	Renal Artery Stenosis	Yes	MRA Abdomen w/wo contrast	74185	Same	
	MRA Pelvis	Femoral Arteries		Yes	MRA Pelvis w/wo contrast	72198	C8918,c8919,c8920	
	Pelvis- Soft tissue							
	General	Abscess Decubitus Elcer	Pain Tumor/Mass/Cancer/Mets	Yes	MRI Pelvis w/wo contrast	72197	Same	
Uterus	Adenomyosis Fibroid	Per-Post Fibroid Embolization	Yes					
Ovaries	Endometrioma	Ovarian Mass	Yes					
Extremity	MRA Upper Extremity	Subclavian redness swelling tenderness		Yes	MRA Upper Extremity w/wo contrast	73225	C8934,c8935,c8936	
	MRA Lower Extremity (run off)	Peripheral vascular disease		Yes	MRA Lower Extremity w/wo con- trast	73725	C8912,c8913,c8914	

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## MRI ANATOMICAL GUIDE



Area of Concern	Body Part	Most Common Indications		IV Contrast	Procedure to Pre-Cert	Codes	Medicare Codes
	Extremity-Non Joint	Fracture Muscle/ Tendon Tear	Stress Fracture Osteomyelitis	No	MRI- Non Joint w/o contrast Upper Extremity Lower extremity	73218 73719	Same
	Arm, Humerus Leg, Femur Hand, Foot	Abscess Cellulitis Fasciitis	Soft tissue Tumor/Mass/Mets	Yes	MRI Non Joint w/wo contrast Upper extremity Lower Extremity	73220 73720	Same
	Extremity Joint Upper Wrist, Elbow, Shoulder	Arthritis Avascular Necrosis (AVM) Cartilage Tear Internal Derangement Labral Tear Ligament Tear	Meniscal Tear Muscle Tear Osteochondritis Dissecans (OCD) Pain Stress Fracture Osteomyelitis	No	MRI- Joint w/o contrast Upper Extremity Lower Extremity	73221 73721	Same
	Lower Ankle, Knee, Hip	Abscess Cellulitis Fasciitis Inflammatory Arthritis	Septic Arthritis Tumor/Mass/Mets Ulcer Myositis	Yes	MRI- Joint w/wo contrast Upper Extremity Lower Extremity	73223 73723	Same
	Dynamic Contrast MRI	Avascular Necrosis Bone Graft Viability	Osteonecrosis	Yes- IV Bolus	MRI Non-Joint w/wo contrast Upper Lower MRI Joint w/wo contrast Upper Lower	73220 73720 73223 73723	Same
	Bony Pelvis	Fracture Pain	Muscle/Tendon Tear Trauma	No	MRI Pelvis w/o contrast	72195	Same
		Osteomyelitis	Tumor/Mass/Cancer/Mets	Yes	MRI Pelvis w/wo contrast	72197	Same
	Athletic Pubalgia (Sports Hernia)	Athletic Injury	Groin Pain	No	MRI Pelvis w/o contrast	72195	Same
	MRA Upper Extremity	Subclavian redness/ Swelling/ Tender- ness		Yes	MRA Upper Extremity w/wo contrast	73225	C8934,c8935, c8936





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## MRI ANATOMICAL GUIDE







Area of Concern	Body Part	Most Common Indications		IV Contrast	Procedure to Pre-Cert	Codes	Medicare Codes
<b>Musculoskeletal</b> (Continued) 	MRA Lower Extremity	Peripheral Vascular Disease		Yes	MRA Lower Extremity w/wo contrast	73725	Same
	Spine: Cervical	Arm/Shoulder pain Degenerative Disease Disc Herniation	Neck Pain Numbness Radiculopathy	No	MRI Cervical Spine w/o contrast	72141	Same
		Discitis Multiple Sclerosis Myelopathy	Osteomyelitis Syrinx Tumor/Mass/Cancer/Mets	Yes	MRI Cervical Spine w/wo contrast	72156	Same
	Spine: Thoracic	Back Pain Compression Fracture (no HX of Malignancy) Degenerative disc disease	Disc Herniation Radiculopathy Trauma	No	MRI Thoracic Spine w/o contrast	72146	Same
		Compression Fracture (w/HX of Malignancy) Discitis Multiple Sclerosis Myelopathy	Osteomyelitis Post-op Fusion Syrinx Tumor/Mass/Cancer/Mets Recent Post-Op-HX of Back Surgery	Yes	MRI Thoracic Spine w/wo contrast	72157	Same
	Spine: Lumbar	Compression Fracture (w/o HX of Malignancy) Degenerative disc disease Disc Herniation Radiculopathy	Sciatica Spinal Stenosis Spondylolithese Trauma	No	MRI Lumbar Spine w/o contrast	72148	Same
		Discitis Osteomyelitis	Recent Post-Op-HX of Back Surgery Tumor/Mass/Cancer/Mets	Yes	MRI Lumbar Spine w/wo contrast	72158	Same



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## MRI ANATOMICAL GUIDE



Area of Concern	Body Part	Most Common Indications	IV Contrast	Procedure to Pre-Cert	Codes	Medicare Codes
Musculoskeletal MR Arthrography						
	Wrist Arthrogram	Intercarpal Ligaments TFCC Tear	*Gad is injected into the joint space by a Radiologist. * Labs not required	MR Upper EXT Joint w/contrast Injection to Wrist Rad Exam- Wrist	73222 25246 73115	Same
	Elbow Arthrogram	Ligament Tear Loose Body OCD (Osteochondritis Dissecans)	*Gad is injected into the joint space by a Radiologist. * Labs not required	MRI Upper Extremity Joint w/Contrast Injection- Elbow Rad Exam- Elbow	73222 24220 73085	Same
	Shoulder Arthrogram	Adhesive capsulitis Capsular Injury Labral Tear	*Gad is injected into the joint space by a Radiologist. * Labs not required	MRI Upper Extermity Joint w/Contrast Injection- Shoulder Rad Exam- Shoulder	73222 23350 73040	Same
	Hip Arthrogram	Labral Tear Femoroacetabular Impingement Hip Dysplasia	*Gad is injected into the joint space by a Radiologist. * Labs not required	MR Lower Extremity Joint w/Contrast Injection- Hip Rad Exam- Hip	73722 27093 73525	Same
	Knee Arthrogram	Loose Bodies OCD (Osteochondritis Dissecans) Recurrent meniscal Tear Post Op	*Gad is injected into the joint space by a Radiologist. * Labs not required	MR Lower Extremity Joint w/Contrast Injection- Knee Rad Exam- Knee	73722 27370 73580	Same
	Ankle Arthrogram	Loose Body OCD (Osteochondritis Dissecans)	*Gad is injected into the joint space by a Radiologist. * Labs not required	MR Lower Extremity Joint w/Contrast Injection- Ankle Rad Exam- Ankle	73720 27648 73615	Same

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