



**UVAHealth**

**Outpatient Imaging Culpeper**

**Medical Imaging Ordering Guide**

**P: 540.321.3190**

**[www.outpatientimagingculpeper.com](http://www.outpatientimagingculpeper.com)**

**F: 540.321.3191**

**MRI** | **CT** | **ULTRASOUND** | **3D MAMMOGRAPHY** | **X-RAY** | **BONE DENSITY**

MRI Anatomical Guide

# MRI Anatomical Guide

2

Area of Concern	Body Part	Reason for Exam			Patient Prep	Contrast	Procedure to Pre-Auth	CPT	IMG
	Abdomen: General	Tumor / Mass / Cancer / Mets	Abdominal Pain		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Abdomen w & w/o contrast	74183	IMG321
		Transitional cell carcinoma of kidney	Renal Mass (cyst or solid)						
	Abdomen: Liver	Post Embolization	Hepatitis		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Abdomen w & w/o contrast	74183	IMG1636
		Hemangioma	Cirrhosis						
		Hepatoma	Increased LFTs						
	MRCP: Biliary	Biliary Obstruction	Jaundice		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Abdomen w & w/o contrast	74183	IMG1432
		Abnormal Enzymes							
		Stones			NPO 4 hrs prior.	No	MRI Abdomen w/o contrast (MRCP)	74181	IMG1040
	Renal / Kidneys	Hematuria	Abnormal Finding		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Abdomen w & w/o contrast	74183	IMG321
		Transitional cell carcinoma of kidney	Renal Mass (cyst or solid)						
	Adrenal	Adrenal Mass or Lesion	Pheochromocytoma		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Abdomen w & w/o contrast	74183	IMG1587
		Hypertension							
	Pancreas	Pancreatitis	Increased LFT's		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Abdomen w & w/o contrast	74183	IMG321
		Pancreas Mass	Painless Jaundice						
		Cholangiocarcinoma	Ampulla Evaluation						
		PSC (Primary Sclerosing Cholangitis)							
	Pelvis Soft Tissue: General	Tumor / Mass / Cancer / Mets	Abscess		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Pelvis w & w/o contrast	72197	IMG6219
		Decubitus Ulcer							
	Pelvis Soft Tissue: GYN	Prostate Gel Spacer Localization	Pain		NPO 4 hrs prior.	No	MRI Pelvis w/o contrast	72195	IMG6218
		Infertility	Adenomyosis	Fibroid	Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Pelvis w & w/o contrast	72197	IMG6219
		Pre-Post Fibroid Embolization	Ovarian Mass						
	Prostate	Urethral Diverticulum	Endometrioma						
		Elevated PSA	Cancer Staging		Hydrate 24 hrs prior. NPO past midnight. No ejaculation 3 days prior	Yes	MRI Pelvis/Organs w/ & w/o contrast	72197	IMG6219
		Treatment & Pre-surgery Planning	Tumor Detection						
		Negative Biopsy	Active Surveillance						

Area of Concern	Body Part	Reason for Exam			Patient Prep	Contrast	Procedure to Pre-Auth	CPT	IMG				
Musculoskeletal	  	Extremity Non Joint	Stress Fracture	Muscle/Tendon Tear		None	No	MRI Non Joint Upper Extremity	73218	See Below			
			IMG293 L Arm/Humerus	IMG294 R Arm/Humerus	IMG1750 L Forearm/Radius/Ulna	IMG1751 R Forearm/Radius/Ulna	IMG1752 L Hand/Fingers	IMG1753 R Hand/Fingers					
			Stress Fracture	Muscle/Tendon Tear				MRI Non Joint Lower Extremity	73718	See Below			
			IMG293 L Arm/Humerus	IMG294 R Arm/Humerus	IMG1750 L Forearm/Radius/Ulna	IMG1751 R Forearm/Radius/Ulna	IMG1752 L Hand/Fingers	IMG1753 R Hand/Fingers					
			Soft Tissue Tumor/ Mass/ Mets	Myositis	Abscess	Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Non Joint w & w/o contrast		73220	See Below		
			Morton's Neuroma	Osteomyelitis	Ulcer			Upper Extremity					
			Tumor / Mass /Mets	Cellulitis	Fasciitis			IMG297 L Arm/Humerus					
			IMG298 R Arm/Humerus	IMG1321 L Forearm/Radius/Ulna	IMG1322 R Forearm/Radius/Ulna	IMG1324 L Hand/Fingers	IMG1323 R Hand/Fingers						
			Soft Tissue Tumor/ Mass/ Mets	Myositis	Abscess	MRI Non Joint w & w/o contrast		73720	See Below				
			Morton's Neuroma	Osteomyelitis	Ulcer	Lower Extremity							
			Tumor / Mass /Mets	Cellulitis	Fasciitis	IMG1404 L Femur/Thigh							
			IMG1400 R Femur/Thigh	IMG6313 L Tib/Fib	IMG6316 R Tib/Fib	IMG310 L Heel	IMG311 R Heel	IMG1402 L Foot/Toes	IMG1398 R Foot/Toes				
	 	Extremity -Joint	Avascular Necrosis (AVN)	Meniscal Tear	Pain	None	No	MRI --Joint w/o contrast		73221	See Below		
			Internal Derangement	Cartilage Tear	Labral Tear			Upper Extremity					
			Stress Fracture	Ligament Tear	Muscle Tear			IMG1332 L Shoulder					
			Ostochondritis Dessicans (OCD)	Arthritis				IMG1331 R Shoulder					
			IMG1330 L Elbow	IMG1329 R Elbow	IMG1328 L Wrist	IMG1327 R Wrist							
			Avascular Necrosis (AVN)	Meniscal Tear	Pain	None	No	MRI --Joint w/o contrast		73721	See Below		
			Internal Derangement	Cartilage Tear	Labral Tear			Lower Extremity					
			Stress Fracture	Ligament Tear	Muscle Tear			IMG1410 L Hip					
			Ostochondritis Dessicans (OCD)	Arthritis				IMG1409 R Hip					
			IMG1408 L Knee	IMG1406 R Knee	IMG1407 L Ankle	IMG1405 R Ankle							
			Inflammatory Arthritis	Osteomyelitis	Abscess	Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI --Joint w & w/o contrast		73223			
			Tumor/ Mass/ Mets	Septic Arthritis	Ulcer			Upper Extremity					
			Cellulitis	Fasciitis	Myositis			Lower Extremity		73723			
		Bony Pelvis	Muscle/ Tendon Tear	Fracture/Trauma	Pain	None	No	MRI --Pelvis w/o contrast		72195	IMG6221		
			Tumor/ Mass/ Cancer/ Mets			Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Pelvis w & w/o contrast		72197	IMG6222		
			Osteomyelitis	Septic Arthritis				IMG6223					
			Athletic Pubalgia (Sports Hernia)	Athletic Injury	Groin Pain	None	No	MRI Pelvis w/o contrast		72195	IMG6218		

Area of Concern	Body Part	Reason for Exam			Patient Prep	Contrast	Procedure to Pre-Auth	CPT	IMG
Musculoskeletal Spine	Spine: Cervical	Arm/ Shoulder/Neck Pain	Degenerative Disease		None	No	MRI Cervical Spine w/o contrast	72141	IMG279
		Numbness, Disc Herniation	Radiculopathy						
		Multiple Sclerosis	Osteomyelitis	Discitis	Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Cervical Spine w & w/o contrast	72156	IMG285
		Tumor/ Mass/ Cancer/ Mets	Myelopathy	Syrinx					
		Post-op Hx of Back Surgery							
	Spine: Thoracic	Back Pain	Radiculopathy	Trauma	None	No	MRI Thoracic Spine w/o contrast	72146	IMG281
		Degenerative Disc Disease	Disc Herniation						
		Compression Fracture - no hx of malignancy							
		Discitis	Multiple Sclerosis		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Thoracic Spine w & w/o contrast	72157	IMG286
		Post-op Fusion	Myelopathy						
	Spine: Lumbar	Osteomyelitis	Tumor/ Mass/ Cancer/ Mets						
		Syrinx	Post-op Hx of Back Surgery						
		Compression Fracture- w/ hx of malignancy							
		Back, Leg Pain, Trauma	Sciatica		None	No	MRI Lumbar Spine w/o contrast	72148	IMG283
		Degenerative Disease	Spondylolisthesis						
		Disc Herniation	Spinal Stenosis						
		Radiculopathy	Compression Fracture - No hx						
		Discitis	Post-Op-Hx of Back Surgery		Hydrate 24 hrs prior. NPO 4 hrs prior.	Yes	MRI Lumbar Spine w & w/o contrast	72158	IMG287
		Osteomyelitis	Tumor/ Mass/ Cancer / Mets						

If your patient indicates that they have an allergy to contrast, we will require that they follow ACR guidelines for pre-medication. As the ordering provider, you should provide the patient with the medication order and directions as outlined below.

**Guidelines for pre-medication:** • 13 Hours prior (50mg Prednisone) • 7 Hours prior (50mg Prednisone) • 1 Hour prior (50mg Prednisone) • 1 Hour prior (50mg Benadryl)

Patient should bring medication bottle to their appointment to show that they have followed this protocol. Without verification, we may not proceed. As an outpatient facility, we only see patients who have had mild reactions (itchiness, hives, etc). Patients will be directed to the hospital if they have experienced moderate or severe allergic reactions to CT or MRI contrast during a prior exam.

# CT Anatomical Guide

Area of Concern	Body Part	Reason for Exam			Patient Prep	Contrast	Procedure to Pre-Auth	CPT	IMG
Head	Brain	Trauma	Hydrocephalus		None	None	CT Head w/o contrast	70450	IMG181
		Memory Loss, Confusion	TIA						
		CVA	Change in Mental Status						
		Stroke/ Bleed	Shunt Check						
		Alzheimer's	Headaches, Dizziness, Vertigo						
	Orbit	Mass/ Tumor	Metastatic Staging	Infection	Hydrate 24 hrs prior: NPO 4 hrs prior.	IV Contrast	CT Head w & w/o contrast ( MR Brain may be preferred if patient is able)	70470	IMG183
		HIV	Meningioma						
		Eval prior to carotid & aortic sx	Melanoma						
		Trauma	Foreign Body	Fracture	None	None	CT Orbit w/o contrast	70480	IMG6505
		Osseous Lesions	Bony Abnormalities						
	Sinus	Graves Disease	Abscess		Hydrate 24 hrs prior: NPO 4 hrs prior.	IV Contrast	CT Orbit w contrast	70481	IMG6507
		Mass, Swelling	Cellulitis						
		Pain	Infection						
		Sinusitis	Congestion	Pain	None	None	CT Sinus w/o contrast	70486	IMG188
		Foreign Body	Nasal Polyps						
	Face	Sinus Headache	Deviated Septum						
		Mass			Hydrate 24 hrs prior: NPO 4 hrs prior.	IV Contrast	CT Sinus w contrast	70487	IMG189
		Trauma	Osseous Lesions	Fracture	None	None	CT Maxillofacial w/o contrast	70486	IMG188
		Pain	Bony Abnormalities						
		Tumor	Infection		Hydrate 24 hrs prior: NPO 4 hrs prior.	IV Contrast	CT Maxillofacial w contrast	70487	IMG189
	Temporal Bones	Swelling, Mass in Face	Abscess						
		Congenital Hearing Loss	Tinnitus	Trauma	None	None	CT Temporal Bones w/o or CTA	70480	IMG6505
		Cholesteatoma							
		Mass in Ear			None	IV Contrast	CT Temporal Bones w		IMG6507
	Neck	Focal Mass	Dysphagia	Goiter	Hydrate 24 hrs prior: NPO 4 hrs prior.	IV Contrast	CT Soft Tissue Neck w contrast	70491	IMG192
		Lymphadenopathy	Infection	Abscess					
		Lymphoma	Esophageal Cancer						
		Salivary Gland Stone			None	None	CT soft tissue neck w/o	70490	IMG191
Cardiac	Heart (We cannot perform 3D Heart CTs)	Increased risk for coronary artery disease (CAD)-related events			None	None	CT Calcium Scoring	75571	IMG1264

# CT Anatomical Guide

Area of Concern	Body Part	Reason for Exam			Patient Prep	Contrast	Procedure to Auth	CPT	IMG
Abdomen/ Pelvis	Abdomen General (From the Lung Bases to the Iliac Crest)	Abdominal Pain RUQ or LUQ Pain Abnormal US	Trauma Mass Hernia	Cancer Neoplasm Weight Loss	Hydrate 24 hrs prior. NPO 4 hrs prior. Arrive 2 hrs prior for oral contrast unless drinking at home.*	Oral & IV Contrast	CT Abdomen w contrast	74160	IMG237
	Abdomen & Pelvis General (From the Lung Bases to the Pubis)	Abdominal/Pelvic Pain RLQ & LLQ Pain Lymphoma Nausea / Vomiting Diarrhea /Bloody Stools Constipation/Obstruction	Rectal Bleeding Weight Loss Abnormal US Crohn's disease Diverticulitis Diverticulosis	Hernia Trauma IBD Appendicitis Neoplasm Metastasis	Hydrate 24 hrs prior. NPO 4 hrs prior. Arrive 2 hrs prior for oral contrast unless drinking at home.*	Oral & IV Contrast	CT Abdomen/Pelvis w contrast	74177	IMG794
		Cancer Staging for Melanoma Mass	Carcinoid		Hydrate 24 hrs prior. NPO 4 hrs prior.	Oral & IV Contrast	CT Abdomen/Pelvis w & w/o	74178	IMG783
	Soft Tissue Pelvis (For soft tissue indications - see Pelvis/ Hips below by bony indications)	Pelvic/Groin/LLQ/RLQ Pain Abnormal Pelvic US Soft Tissue Mass Abscess	Umbilical Hernia Tumor/Mets Infection	Trauma	Hydrate 24 hrs prior. NPO 4 hrs prior. Arrive 2 hrs prior for oral contrast unless drinking at home.*	Oral & IV Contrast	CT Pelvis w contrast	72193	IMG6860
			Cellulitis			IV Contrast	CT Pelvis w contrast	72193	IMG6860
Adrenal / Pancreas Renal	Liver	Hepatitis Cirrhosis Jaundice	Increased LFTs RUQ Pain	Hemochromatosis, Hepatoma Abnormal Abdominal US Liver Transplant	Hydrate 24 hrs prior. NPO 4 hrs prior. Arrive 2 hrs prior for oral contrast unless drinking at home.*	Oral & IV Contrast	CT Abdomen w contrast	74160	IMG237
	Three-phase Liver	Mass		Hemangioma	Hydrate 24 hrs prior. NPO 4 hrs prior.		CT Abd w & w/o contrast	74170	IMG238
	Renal Stone Stone protocol	Hematuria Flank Pain Urinary Frequency Prostatitis	Renal Stone Low Back Pain Dysuria		None	None	CT Abdomen/Pelvis w/o contrast	74176	IMG784
			IV Contrast			CT Abdomen/Pelvis w/			IMG794
	Three-phase Renal	Abnormal US Renal Mass	Hypertension	Mass	Hydrate 24 hrs prior. NPO 4 hrs prior.	IV Contrast	CT Abdomen w & w/o contrast	74170	IMG238
	CT Urogram/IVP	Bladder Mass Abnormal Cystogram	Hx Renal Cancer Abnormal Renal US	Hematuria	Hydrate 24 hrs prior. NPO 4 hrs prior.	IV Contrast	CT Abdomen/Pelvis w & w/o contrast	74178	IMG6575
	Adrenal	Adrenal Mass			Hydrate 24 hrs prior. NPO 4 hrs prior.	IV Contrast	CT Abd w & w/o contrast	74170	IMG238

\*Option to pick-up oral contrast from our center prior to appointment, then drink at home. Instructions on how/when to drink given during pick-up

# CT Anatomical Guide

Area of Concern	Body Part	Reason for Exam			Patient Prep	Contrast	Procedure to Pre-Auth	CPT	IMG
CT Angiography	CTA Head	Family hx of Intracranial Aneurysm Bleed AV Malformation Congenital Abnormalities Pre Op Evaluation Tumor Blood Supply	Cerebral Aneurysm Dissection Thrombosis Vascular Injury Circle of Willis Stenosis	CVA TIA Stroke Occlusion	Hydrate 24 hrs prior NPO 4 hrs prior.	IV Contrast	CTA Head w & w/o contrast	70496	IMG786
	CTA Neck	Bleed Congenital Abnormalities Pre Op Evaluation for Tumor Post Op Carotid Endarterectomy Post Carotid Stenting	Carotid Stenosis Vascular Injury AV Malformation Dissection Stroke	Occlusion Aneurysm Thrombosis CVA	Hydrate 24 hrs prior NPO 4 hrs prior.	IV Contrast	CTA Neck w contrast	70498	IMG199
	CTA Chest	Pulmonary Embolus Thoracic Aortic Aneurysm Subclavian Artery Stenosis Aortic Dissection	Shortness of Breath Leg Pain / Chest Pain Thoracic Outlet Syndrome		Hydrate 24 hrs prior NPO 4 hrs prior.	IV Contrast	CTA Chest w contrast	71275	IMG206
	CTA Abdomen	AAA-Abdominal Aortic Aneurysm Renal Artery Stenosis Trauma Dissection Renal Artery Aneurysm	Abnormal US Post Stent Grafting Mesenteric Ischemia Retroperitoneal Bleed Post Liver Transplant	TRAM Flap	Hydrate 24 hrs prior NPO 4 hrs prior.	IV Contrast	CTA Abdomen w & w/o contrast	74175	IMG239
General Chest	General Chest	Abnormal CXR Pneumonia/Cough Lung Lesion Hemoptysis Sarcoidosis Hilar Abnormality Chest Pain Pulmonary Embolus Enlarge Aortic Arch	Neoplasm Abscess Pulmonary Nodule Lymphadenopathy Asbestos Exposure Shortness of Breath Adenopathy Hx Cancer/Tumor/Mets COPD/Emphysema		Hydrate 24 hrs prior NPO 4 hrs prior.	IV Contrast	CT Chest w contrast	71260	IMG202
		Lung Nodule Follow up Bony Abnormality Rib Fractures/Trauma	Chronic Cough Hx Chronic Smoking	None	None		CT Chest w/o contrast	71250	IMG200
	Hi Resolution Chest	Interstitial Disease	Bronchiectasis	Fibrosis	None	None	CT Chest w/o contrast	71250	IMG200
	Low Dose CT for Lung Cancer Screening	55-77 years of age Asymptomatic (No signs or symptoms of lung cancer) Have a 20 pack year smoking history			None	None	Low Dose CT Lung Cancer Screening	71271	IMG 17001

Area of Concern	Body Part	Reason for Exam			Patient Prep		Contrast	Procedure to Auth	CPT	IMG	
Musculoskeletal	Extremities	Pain	Fusion	Fracture	None	None	CT w/o contrast		73200	B-IMG6552 L- IMG6555 R- IMG6559	
		Cancer/Metastatic disease of bone	Malunion	Arthritis			Upper extremity				
		Pain	Fusion	Fracture	None	None	CT w/o contrast		73700	B-IMG6552 L- IMG6555 R- IMG6559	
		Cancer/Metastatic disease of bone	Malunion	Arthritis			Lower extremity				
	Spine	Infection	Note: If not contraindicated, MRI is more sensitive to these indications		Hydrate 24 hrs prior. NPO 4 hrs prior.	IV	CT w/ contrast		73201	B-IMG6553 L- IMG6556 R- IMG6558	
		Tumor/Mass					Upper extremity				
		Infection	Note: If not contraindicated, MRI is more sensitive to these indications		Hydrate 24 hrs prior. NPO 4 hrs prior.	IV	CT w/ contrast		73701	B-IMG6563 L- IMG6565 R- IMG6568	
		Tumor/Mass					Lower extremity				
		Pain	Fracture		None	None	CT w/o contrast		72125	IMG207	
		Trauma	Fusion				Cervical		72128	IMG210	
		Cancer/Metastatic disease of bone					Thoracic		72131	IMG213	
							Lumbar				
		Infection	(MRI more sensitive)		Hydrate 24 hrs prior. NPO 4 hrs prior.	IV	CT w/ contrast		72126	IMG208	
		Tumor/Mass					Cervical		72129	IMG211	
							Thoracic		72132	IMG214	
							Lumbar				
	Pelvis/ Hips Acetabulum  (Bony indications - see Pelvis General above for soft tissue indications)	Mets/Cancer	Arthritis	Pain	None	None	CT Pelvis w/o contrast		72192	IMG6864	
		Fracture	Bone Lesions								
		Infection	Cellulitis		Hydrate 24 hrs prior. NPO 4 hrs prior.	IV	CT Pelvis w/ contrast		72193	IMG6863	
		Abscess									

If your patient indicates that they have an allergy to contrast, we will require that they follow ACR guidelines for pre-medication. As the ordering provider, you should provide the patient with the medication order and directions as outlined below.

**Guidelines for pre-medication:** • 13 Hours prior (50mg Prednisone) • 7 Hours prior (50mg Prednisone) • 1 Hour prior (50mg Prednisone) • 1 Hour prior (50mg Benadryl)

Patient should bring medication bottle to their appointment to show that they have followed this protocol. Without verification, we may not proceed. As an outpatient facility, we only see patients who have had mild reactions (itchiness, hives, etc). Patients will be directed to the hospital if they have experienced moderate or severe allergic reactions to CT or MRI contrast during a prior exam.

# Ultrasound Anatomical Guide

Area of Concern	Body Part	Reason for Exam			Patient Prep		CPT	IMG
Abdomen	Abdomen RUQ	Pancreas / GB / CBD Liver/ Liver Surface/ Right Kidney Aorta Proximal <b>Splenic Vein Color Doppler Only</b> <b>IVC Proximal Color Doppler Only</b> <b>LPV/RVP/MPV Color Doppler Only</b>	Abdominal Pain Elevated Liver Enzymes Nausea/Vomiting/Fever Proximal Aorta	Gallbladder Disease Hepatomegaly Epigastric Pain	Bloating Jaundice Weight Loss	NPO 8 hours	76705	IMG5053
	Abdomen RUQ w/ PV Doppler	Pancreas/ GB/ CBD Liver/ Liver Surface/ Right Kidney Aorta Proximal <b>Splenic Vein PW Doppler</b> <b>IVC Proximal PW Doppler</b> <b>LPV/RVP/MPV PW Doppler</b>	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Weight Loss	Portal Hypertension Jaundice Bloating	Cirrhosis Hep-C NASH	NPO 8 hours	76700 93976	IMG5318
	RUQ w/ Elastography w/ Complete Doppler	NO LEFT ORGANS Pancreas/ GB/ CBD Liver/ Liver Surface/ Right Kidney Aorta Proximal <b>Splenic Vein PW Doppler</b> <b>IVC Proximal PW Doppler</b> <b>LPV/RVP/MPV PW Doppler</b> <b>Hepti Veins / Heptic Arteries PW</b> Elastography	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Weight Loss Elastography - Liver Fibrosis Staging	Portal Hypertension Jaundice Bloating	Cirrhosis Hep-C NASH	NPO 8 hours	76705 93975 76982	IMG5265
	Liver	Pancreas/ GB/ CBD Liver/ Liver Surface Aorta Proximal <b>Splenic Vein Color Doppler Only</b> <b>IVC Proximal Color Doppler Only</b> <b>LPV/RVP/MPV Color Doppler Only</b>	Abdominal Pain Elevated Liver Enzymes Nausea/Vomiting/Fever Fatty Liver Jaundice	Gallbladder Disease Hepatomegaly Weight Loss Epigastric Pain Bloating		NPO 8 hours	76705	IMG1077
	Liver w/ PV Doppler	Pancreas/ GB/ CBD Liver/ Liver Surface Aorta Proximal <b>Splenic Vein PW Doppler</b> <b>IVC Proximal PW Doppler</b> <b>LPV/RVP/MPV PW Doppler</b>	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Weight Loss	Portal Hypertension Jaundice Bloating	Cirrhosis Hep-C NASH	NPO 8 hours	76705	IMG5254
	Liver & Hep Portal Doppler	Pancreas/ GB/ CBD Liver/ Liver Surface Aorta Proximal <b>Splenic Vein PW Doppler</b> <b>IVC Proximal PW Doppler</b> <b>LPV/RVP/MPV PW Doppler</b> <b>Heptic Veins / Heptic Arteries PW</b>	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Weight Loss	Portal Hypertension Jaundice Bloating	Cirrhosis Hep-C NASH	NPO 8 hours	76705 93975	IMG5036

# Ultrasound Anatomical Guide

Area of Concern	Body Part	Reason for Exam			Patient Prep	CPT	IMG	
Abdomen	Liver w/ Elastography	Pancreas/ GB/ CBD Liver/ Liver Surface Aorta Proximal Splenic Vein PW Doppler IVC Proximal PW Doppler LPV/RVP/MPV PW Doppler Liver Elastography	Abdominal Pain Elevated Liver Enzymes Nausea/Vomiting/Fever Splenomegaly Elastography - Liver Fibrosis Staging	Gallbladder Disease Hepatomegaly Weight Loss Epigastric Pain	Bloating Jaundice Liver Disease	NPO 8 hours	76705 76982	IMG5262
	Elastography	<b>Liver Elastography</b>	ONLY Elastography- Liver fibrosis staging; W/in 6months of US Liver			NPO 8 hours	76982	IMG5360
	Abdomen Complete	Pancreas/ GB/ CBD / Spleen Liver/ Liver Surface/ R&L Kidneys Aorta Complete Splenic Vein Color Doppler Only IVC Proximal Color Doppler Only LPV/RVP/MPV Color Doppler Only	Abdominal Pain Nausea/Vomiting/Fever	Epigastric Pain Splenomegaly	Bloating Weight Loss	NPO 8 hours	76700	IMG524
	Abdomen Complete & Hep Portal Doppler	Pancreas/ GB/ CBD / Spleen Liver/ Liver Surface/ R&L Kidneys Aorta Complete Splenic Vein PW Doppler IVC Proximal PW Doppler LPV/RVP/MPV PW Doppler Hepta Veins / Heptic Arteries PW	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Liver artery/vein disease	Portal Hypertension Jaundice Bloating Splenomegaly	Cirrhosis Hep-C NASH Weight Loss	NPO 8 hours	76700 93975	IMG5179
	Abdomen Complete w/ PV Doppler	Pancreas/ GB/ CBD / Spleen Liver/ Liver Surface/ R&L Kidneys Aorta Complete Splenic Vein PW Doppler IVC Proximal PW Doppler LPV/RVP/MPV PW Doppler	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Weight Loss	Portal Hypertension Jaundice Bloating Splenomegaly	Cirrhosis Hep-C NASH	NPO 8 hours	76700 93976	IMG5451
	Abdomen Complete w/ Elastography	Pancreas/ GB/ CBD/Spleen Liver/ Liver Surface/ R&L Kidneys Aorta Complete Splenic Vein PW Doppler IVC Proximal PW Doppler LPV/RVP/MPV PW Doppler Liver Elastography	Abdominal Pain Elevated Liver Enzymes Nausea/Vomiting/Fever Splenomegaly Elastography - Liver Fibrosis Staging	Gallbladder Disease Hepatomegaly Weight Loss Epigastric Pain	Bloating Jaundice Liver Disease	NPO 8 hours	76700 76982	IMG5359
Abdomen Complete w/ Elastography w/ Complete Doppler	Pancreas/ GB/ CBD / Spleen Liver/ Liver Surface/ R&L Kidneys Aorta Complete Splenic Vein PW Doppler IVC Proximal PW Doppler LPV/RVP/MPV PW Doppler Liver Elastography Hepta Veins / Heptic Arteries PW	Portal Vein Thrombosis Liver Disease Nausea/Vomiting/Fever Weight Loss	Portal Hypertension Jaundice Bloating Splenomegaly	Cirrhosis Hep-C NASH	NPO 8 hours	76700 93976 76982	IMG5475	

# Ultrasound Anatomical Guide

Area of Concern		Body Part	Reason for Exam			Patient Prep	CPT	IMG	
	Abdomen	Abdominal Hernia	Hernia	Hernia Evaluation & Follow up	Palpable Mass	No Prep	76705	IMG5012	
		Gallbladder	Gallbladder /CBD/ Pancreas	Gallbladder Disease	GB Stones, sludge, polyp	NPO 8 hours		IMG1079	
		Abdomen LUQ	Spleen / Left Kidney	Splenomegaly	LUQ/ Left Flank Pain	NPO 8 hours		IMG5011	
		Spleen	Spleen	Splenomegaly		NPO 8 hours		IMG1075	
		Survey for Fluid	4 Abdomen Quadrants	Eval for ascites		None		IMG5009	
		Appendix	Appendix / RLQ	RLQ Pain	Nausea/Vomiting/Fever	None	76705	IMG1078	
		Renal	Kidneys / Bladder pre & post void	Proteinuria, Flank Pain Elevated Creatinine	HTN Urinary Frequency Hematuria	Drink 24oz of water 1 hour prior to exam and do not empty bladder	76770	IMG1080	
	Aorta Screening	Aorta	Family hx of AAA Men 65-75 who have smoked 100 cigarettes in lifetime.			NPO 8 hours	76706	IMG1081	
	Bladder	Bladder	Urinary Frequency	Cystitis	UTI	Drink 24oz of water 1 hour prior to exam and do not empty bladder	76857	IMG1084	
		Pre & Post Void/ Urinary Jets	Hematuria	Dysuria					
	Aorta	Aorta Screening *Non-Medicare * Medicare Follow up	Family hx of AAA Men 65-75 who have smoked 100 cigarettes in lifetime. <b>*PT doesn't have medicare</b>			NPO 8 hours	76775	IMG5361	
		Abdominal Aorta Aneurysm Screening	Aorta Screening * Medicare First Time	Family hx of AAA Men 65-75 who have smoked 100 cigarettes in lifetime. <b>*PT with Medicare gets one free in lifetime</b>			76706	IMG1081	
	Female Pelvis (Non-OB w/ Non-OB Endovaginal)	Uterus	Post Menopausal Bleeding	Amenorrhea	Fibroids	Drink 32oz of water 1 hour prior to exam and do not empty bladder Peds- Drink as much water as possible but at least 16oz.	Transvaginal		
		Ovaries	Endometriosis/Cyst	Pelvic/RLQ/LLQ Pain			76830	IMG5177	
		Adnexa	Menometrorrhagia	Menorrhagia		Transabdominal			
		Endometrium	Abnormal Uterine Bleeding	Dysmenorrhea			76856	IMG549	
Male Pelvis	Prostate	Enlarged prostate				Drink 24oz of liquid 1 hour prior to exam and do not empty bladder			
	Bladder	Frequent Urination							
	RLQ/LLQ	Pelvic Pain					76857	IMG550	

# Ultrasound Anatomical Guide

Area of Concern		Body Part	Reason for Exam			Patient Prep	CPT	IMG
Soft Tissue	Abd wall soft tissue	Subcutaneous	Lumps	Diastasis Recti		None		IMG5473
	Groin soft tissue	Subcutaneous area of groin	Palpable Mass/Lump Lymph Node	Foreign Body Hernia	Swelling	None	B-76882	B- IMG5369 R-IMG5454 L-IMG5453
	Chest Wall soft tissue	Subcutaneous, If on breast order a breast US (male & female)	Palpable Mass/Lump	Foreign Body	Swelling	None		IMG5471
	Lower Back soft tissue	Subcutaneous				None		IMG5472
	Upper Back soft tissue	Subcutaneous area of the back of the upper body	Palpable Mass/Lump	Foreign Body	Swelling	None	76604	IMG5380
	Buttock soft tissue	Subcutaneous	Palpable Mass/Lump	Foreign Body	Swelling	None		IMG5470
	Extremity nonvascular limited	Subcutaneous	Palpable Mass/Lump	Foreign Body	Swelling	None		R- IMG5106 L- IMG5159
	Head/Neck soft tissue	Facial & neck glands Lymph node mapping Soft tissue- subcutaneous	Palpable Area POST-Thyroidectomy	Lymphadenopathy	Swelling	None	76536	IMG1071
	Thyroid	Thyroid	Abnormal TSH	Thyroid Disease	Nodule / Enlarged Neck	None		IMG1070
	Parotid	Parotid	Swelling			None	76536	IMG5374
Scrotum & Testicles	Epididymis/Scrotum/Testicles		Enlarged Scrotum	Epididymitis	Swelling / Infection	None	76870	IMG551 +Doppler IMG5201
			Palpable Lump	Orchitis	Trauma / Pain			
Indication of testicular torsion should be sent to the hospital								
Pediatrics	Head	Neo-Natal Head; Brain contents	Enlarged Head Circumference			Birth to 15 months	76506	IMG510
	Spinal Canal & Contents	Neo-Natal Spine	Spinal Deformities Sacral Dimple	Screening for Tethered Cord Birth Trauma		Birth to 4 months MRI 6-8 months	76800	IMG529
	Pylorus	Opening from the stomach into the duodenum	Non-bilious projectile vomiting; Palpable olive-sized mass in the RUQ			NPO 4 hrs prior & Bring Baby Water Bottle	76705	IMG5015
Obstetrics	1st Trimester/ Dating	Uterus, Ovaries, Adnexa, Fetus	Size and Dates Bleeding Cramping	Viability Pelvic Pain		Drink 24-32oz of liquid 1 hour prior & do not empty bladder.	76801 76801 76817	IMG530 W/TV IMG5178
	OB Limited	Uterus, Cervix, Ovaries, Adnexa's, Fetus	Placenta/Cervix Check Fluid Assessment	Viability Presentation	Single Organ Check	Drink 24-32oz of liquid 1 hour prior & do not empty bladder.	76815	IMG536
	OB Follow up	Uterus, Cervix, Fetus	Follow up from anatomy			Drink 24-32oz of liquid 1 hour prior & do not empty bladder.	76816	IMG537
	Growth	Uterus, Cervix, Fetus	Growth Size and Date Check			Drink 24-32oz of liquid 1 hour prior & do not empty bladder.	76816	IMG547
	BPP w/o Stress Testing	Fetus, Cervix	Decreased Movement			Drink 24-32oz of liquid 1 hour prior & do not empty bladder.	76819	IMG5375

# X-ray Anatomical Guide

Area of Concern	Body Part	Reason for Exam		Views	CPT	IMG
 Head	Skull	Trauma	Injury	Skull Complete MIN 4 views	70260	IMG22
	Orbit	Fracture	Foreign Body	Eye Orbit Full Series MIN 4 views Foreign Body Screening for MRI	70200	IMG15 Screen for MRI- IMG1234
	Jaw	Trauma	Injury	Mandible Complete MIN 4 views	70110	IMG3
	Face	Fracture	Foreign Body	Facial Bone Complete MIN 3 views	70150	IMG19
	Sinus	Congestion	Infection	Sinuses Complete MIN 3 views	70220	IMG19
		Mass				
 Chest	Chest	Cough	COPD	Shortness of Breath	71020	IMG36
		Chest Pain	Asthma	Pneumonia		
	Ribs	Fracture	Injury	Ribs Bilateral MIN 3 views	71110	IMG50
				Ribs Unilateral w 1 view chest	71101	L IMG48/R IMG49
				Ribs Unilateral 2 views	71100	L IMG46/R IMG47
 Spine	Cervical Spine	Pain (injury/accident/chronic)		AP and LAT- Odontoid 2-3 views	72040	IMG7873
		Pain (Radicular)		AP, LAT and Obliques 4-5 views	72050	IMG7874
		Instability / Spondy		AP, LAT, Obliques, FLEX/EXT 6+ views	72052	IMG7529
	Thoracic Spine	Pain (injury/accident/chronic)		AP, LAT, and Swimmers view	72072	IMG7532
	Lumbar Spine Per radiologist protocol: Standing lumbar only	Pain (injury/accident/chronic)		AP and LAT /L5-Si Spot Film 2-3 views	72100	IMG7536
		Pain (Radicular)		AP, LAT and Obliques MIN 4 views	72110	IMG7538
		Instability / Spondy		AP, LAT, FLEX/EXT MIN 6 views	72114	IMG7539
 Abdomen	KUB	Abdominal Pain	Nausea	Abdomen 1 view KUB	74000	IMG7615
		Vomiting	Diarrhea	Abdomen 2 views KUB & Upright	74020	IMG7946
		Constipation		Acute Abdomen Series - included 1 view chest	74022	IMG7617
 Pelvis	Pelvis	Pain		AP Only 1-2 views	72170	IMG7540
		Trauma or s/p replacement		AP/Inlet/Outlet 3-views	72190	IMG7863

EPIC Order Views – Select “Standard Views (Per Rad Protocol)

Area of Concern	Body Part	Reason for Exam	Views	CPT	IMG
	Clavicle	Pain / Dislocation / Trauma / Fracture	Clavicle Complete	73000	B-IMG1292 L- IMG77 R- IMG78
	Shoulder	Pain / Dislocation / Trauma / Fracture	Shoulder MIN 2 views	73030	L- IMG7548 R- IMG7549
	Upper Arm	Pain / Dislocation / Trauma / Fracture	Humerus MIN 2 views	73060	L- IMG88 R- IMG89
	Elbow	Pain	Elbow 2 views	73070	L- IMG7555 R- IMG7556
		Dislocation / Trauma / Fracture	Elbow MIN 3 views	73070	L- IMG7559 R- IMG7558
	Forearm	Pain / Dislocation / Trauma / Fracture	Radius Ulna 2 views	73090	L- IMG7561 R- IMG7562
	Wrist	Pain / Dislocation / Trauma / Fracture	Wrist Complete MIN 3 views	73110	L- IMG7570 R- IMG7571
	Hand	Pain / Dislocation / Trauma / Fracture Arthritis Hands (Bilateral)	Hand Min 3 views	73130	B- IMG7575 L- IMG7576 R- IMG7577
		Bone Age Study		77072	IMG170
	Finger	Pain / Dislocation / Trauma / Fracture	Finger MIN 2 views	73140	L- IMG1565 R- IMG1019
	SI Joints	Pain / Dislocation / Trauma / Fracture	Sacroiliac JT Cmply or 3+ views	72202	IMG53
	Hip	Pain / Dislocation / Trauma / Fracture	Hip Unilateral 3 views	73502	L- IMG7918 R- IMG7919
	Thigh	Pain / Dislocation / Trauma / Fracture	Femur MIN 2 views	73552	L- IMG7939 R- IMG7940
	Knee	Pain / Dislocation / Trauma / Fracture	Knee Complete 4+ views	73564	B- IMG7593 L- IMG7594 R- IMG7595
	Lower Leg	Pain / Dislocation / Trauma / Fracture	Tib Fib 2 views	73590	L- IMG137 R- IMG138
	Ankle	Pain / Dislocation / Trauma / Fracture	Ankle 3 or more views	73610	L- IMG7604 R- IMG7605
	Foot	Pain / Dislocation / Trauma / Fracture	Foot Complete MIN 3 views	73630	L- IMG7610 R- IMG7611
	Toe	Pain / Dislocation / Trauma / Fracture	Toe MIN 2 views	73660	L- IMG1577 R- IMG1028

## Bone Loss Risk Factors:

- Family history
- Inactive lifestyle
- Prolonged steroid use
- Eating disorders
- Thin/petite build
- Prolonged hormone therapy
- Alcohol abuse
- Tobacco abuse
- Low calcium
- Other medications that may cause bone mineral loss below

## Medications that may cause bone loss:

- Synthetic Glucocorticoids (Prednisone)
- Breast Cancer Drugs (Arimidex®, Femara®, Aromasin®)
- Prostate Cancer Drugs (Androgen deprivation therapy)
- Heartburn Drugs (Prevacid®, Losec®, Pantoloc®, Tecta®, Pariet® and Nexium®)
- Depo-Provera (contraception)
- Thyroid Hormone Replacement (Synthroid®, Eltroxin®)
- Anti-seizure Drugs (Tegretol®, Dilantin®, Aromasin®)
- Mood-altering Drugs (Benzodiazepines)
- Blood Pressure Drugs
- Diuretics (Lasix®)
- Prostate (enlarged) (Flomax®)

## Bone Density Exam Indications & Order Codes:

### Exam Indications

- Age 65 or older
- Someone who breaks a bone after age 50
- A woman of menopausal age with risk factors
- A postmenopausal women under 65 with risk factors

### CPT Ordering Codes

- CPT 77080 / IMG 1452 - DXA axial bones (hip, pelvis and spine)
- CPT 77081 / IMG 1454 - DXA appendicular bones (wrist, radius, heel)  
(required in addition to axial DEXA if hardware in spine or hip)

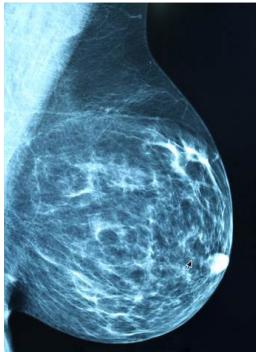
### Hyperparathyroidism - use codes 77080 and 77081

- CPT 76007 / IMG 8007-GZ - Vertebral fracture assessment  
(must be ordered in addition to spine)

Vertebral fracture assessment (VFA) **provides an image of the thoracic and lumbar spine for the purpose of detecting vertebral fracture deformities.** Identification of a previously unrecognized vertebral fracture may change diagnostic classification, assessment of fracture risk, and treatment decisions.

## Insurance Coverage:

Some commercial insurances cover the exam yearly, however, most follow Medicare guidelines covering every 2 years



## Screening Exams for Early Detection

### 3D Mammography (Screening) CPT Code: 77067 IMG8586

Baseline (first mammogram) or annual exam for women ages 40+.

### Breast MRI Bilateral w/wo: CPT 77049 IMG1143 Left w/wo: CPT 77048 IMG1142 Right w/wo: CPT 77048 IMG1141

Used to screen for issues within the breast for women with increased risks of breast cancer. Order Bilateral Breast MRI with & w/o contrast.

### Abbreviated Breast MRI CPT Code: 77049 IMG1143

Additional screening tool for women who have a mammogram report that reads "extremely" dense or who have a family history of breast cancer. Women with a personal history of breast cancer are not good candidates for the abbreviated protocol. May be used to evaluate implant integrity. Patients should inquire with their insurance if this exam is a covered service.

### Breast Ultrasound Survey/Screening CPT Code: 76641 IMG5202

For patients who have dense breast tissue (more fibrous or glandular than fatty), even if that is their only additional risk factor.



## Diagnostic Exams for Clinical Answers

### 3D Mammography (Diagnostic) Bilateral: CPT 77066 IMG8585 Left: CPT 77065 IMG8583 Right: CPT 77065 IMG8584

For patients who have a breast problem such as: recent abnormal screening exam, focal pain, itching, swelling, palpable lump, discharge, etc. Please add ultrasound to affected breast.

If due for annual screening mammogram, order a bilateral diagnostic mammogram and an ultrasound on the breast with the concern.

- < 30: Ultrasound, followed by mammo (as indicated). Order a bilateral diagnostic mammo and an ultrasound. Radiologist may only image one breast.
- Over age 30: Mammo first, followed by ultrasound. Order a bilateral diagnostic mammogram and an ultrasound. Radiologist may only image one breast.

### Breast MRI Bilateral w/wo: CPT 77049 IMG1143 Left w/wo: CPT 77048 IMG1142 Right w/wo: CPT 77048 IMG1141 Bilateral w/o: CPT 77047 IMG1144 Left w/o: CPT 77046 IMG1639 Right w/o: CPT 77046 IMG1638

Suspected implant rupture/leak. Order Bilateral Breast MRI with & w/o contrast. Indicate whether patient has implants, and if they are silicone or saline.

### Breast Biopsy Ultrasound: Left: CPT 19083 IMG8644 Right: CPT 19083 IMG8645 Axilla/Lymph Node: CPT 10005 IMG8516 Guided with: Tomosynthesis: Left: CPT 19081 IMG8769 Right: CPT 19081 IMG8770 Stereotactic: Left: CPT 19081 IMG8639 Right: CPT 19081 IMG8640

Removes cells and examines them under a microscope. Done by radiologist using a minimally invasive image-guided core needle biopsy.

- Ultrasound guided breast biopsy is performed by taking samples of an abnormality using ultrasound guidance.
- Stereotactic breast biopsy uses a special mammography machine to help guide the needle to the site of the abnormality. Calcifications and architectural distortion indications will utilize this method as they are better seen with x-ray.

### Limited Breast Ultrasound Left: CPT 76642 IMG8748 Right: CPT 76642 IMG8750

Area of concern for patients under age 40. Also used in conjunction with mammogram if needed. Sometimes used for breastfeeding patients.



## Provider Portals

- Accessible on any device
- Track orders
- Access to images & reports
- See your patients records referred by other providers

### For UVA Health Providers

<https://portal.uvahealth.virginia.edu/my.policy>



## Cost / Patient Savings

- Low-cost outpatient rates
- Transparent pricing online
- Accepts most insurances
- Uninsured discounts
- Payment plan options



## Location, Services, & Hours

- Address and directions
- Imaging services offered
- Most current operating hours
- Modality hours
- Center scheduling line



## Request an Appointment

- Direct patient here to request an appointment and have our team contact them directly to schedule



## Follow us on Facebook!

- Patient testimonials
- Local happenings & events
- Radiology related information
- Meet our team members
- Connect with us!



Exam	Self-Pay Rates
<b>MRI Exams</b>	
MRI	\$1,000
MRI w/ Contrast	\$1,050 (Add contrast code - A9579)
Fast Breast MRI**	\$395
MRI Breast Complete	\$500
<b>CT Exams</b>	
CT	\$600
CT w/ Contrast	\$650 (Add contrast code - Q9965)
Cardiac Scoring**	\$99
<b>Ultrasound Exams</b>	
US	\$200
US Diagnostic Breast	\$200 or Pamper Me Pink
US Breast Survey**	\$200 (not eligible Pamper Me pink)
<b>Mammography Exams</b>	
Screening 3D Mammo	\$210 or Pamper Me Pink (Without 3D screening is \$150 Add 3D code to calculate - 77063)
Diagnostic 3D Mammo	\$260 or Pamper Me Pink (Without 3D screening is \$200 Add 3D code to calculate - 77063)
Biopsy	\$600
<b>Other Exams</b>	
Bone Density (DEXA)	\$100
X-Ray	\$75

\*\* Not covered by most insurances

## ALL PRICES SUBJECT TO CHANGE

For additional exams performed same day, a **50% discount is applied**.

The highest charge procedure 1st followed by the lower charge that will be discounted.

### **URGENT/ASAP STUDIES: Orders must state URGENT/ASAP and include direct contact phone number**

For exams needing to be performed in less than 1-4 days, your office must Provide direct contact for Radiologist to call with results. Patient will be released after exam with instructions: Providers will follow up with Urgent/ASAP results.

Urgent studies must NOT say STAT on the order.

### **STAT STUDIES: “STAT” must be written on the order**

Exam that would require immediate intervention (Evaluating for Critical Finding), please call Culpeper Medical Center at 540.829.4145 to schedule.

### **AUTHORIZATIONS:**

Send office notes for Outpatient Imaging Culpeper to perform the authorization.

For STAT studies that do NOT require immediate intervention, we kindly request that the referring provider office obtain the authorization to expedite the process.

**OIC PreAuth Fax Number 540.321.3191**

## Ready to Schedule: Next Available

- Procedure is ready to be scheduled
- Radiology schedulers call the patient to schedule
- Appointment scheduled based on next available time and patient preference

## Ready to Schedule: Specific or Approximate Date

- Procedure is ready to be scheduled
- Radiology schedulers call the patient to schedule
- Appointment scheduled based on documented date and patient preference

## Coordinate Imaging Exam with Upcoming Appointment:

- Coordinating clinic appointment needs to be scheduled
- Order notes are entered documenting which clinic appointment to coordinate with
- Order is transferred to Radiology Ready to schedule WQ 20058
- Radiology schedulers schedule order in conjunction with coordinating appointment

## To be completed outside of UVA Health

- Procedure was intended to be done outside of UVA
- If the procedure is not performed outside of UVA, the same order can be used to schedule it at UVA with a call to radiology





**Thank you for choosing UVA Outpatient Imaging Culpeper**



**Outpatient Imaging Culpeper**