



## Reference Guide For Ordering CT Examinations

Body Part	Reason for Exam	Comments	Oral	IV Contrast	Procedure to Pre Cert	CPT
Brain	Trauma Headaches Stroke, Bleed, TIA, CVA Memory loss, confusion, change in mental status Shunt check, hydrocephalus Dizziness, vertigo		No	No	CT Head or brain without contrast	70450
	Mass, tumor Infection Metastatic staging HIV Seizure	MRI preferred	No	<b>*Yes</b>	CT head or brain with & without contrast	70470
Sinus, Facial	Sinus disease Trauma, fracture, pain		No	No	CT maxillofacial area without contrast	70486
Orbits	Trauma, fracture Foreign body		No	No	CT orbit, sella or posterior fossa or outer, middle or inner ear without contrast	70480
	Orbital cellulitis Mass, Infection		No	<b>*Yes</b>	CT orbit, sella or posterior fossa or outer, middle or inner ear with contrast	70481
Temporal Bone Canals (IACS)	Hearing loss Tinnitus Cholesteatoma		No	No	CT orbit, sella or posterior fossa or outer, middle or inner ear without contrast	70480
Neck (Soft Tissue)	Salivary gland stone		No	No	CT soft tissue neck without contrast	70490
	Pain, Infection, abscess Cancer Lymphadenopathy Swelling, mass, tumor Parathyroid adenoma		No	<b>*Yes</b>	CT soft tissue neck with contrast	70491
Chest	Pneumonia, hemoptysis Chest mass Lung cancer staging Lung nodule: initial CT scan Pleural effusion Abscess, empyema Chest trauma Sarcoidosis		No	<b>*Yes</b>	CT chest or thorax with contrast	71260
	Pulmonary embolism, chest pain, dyspnea, shortness of breath, positive D-dimer, DVT	Pulmonary embolism protocol				
	Lung nodule: follow up CT scan		No	No	CT chest or thorax without contrast	71250

**\*For CTs with contrast, renal function tests need to be obtained within 90 days for patients with an age >60, diabetes, hypertension, a history of renal disease, or that may have possible renal dysfunction.**

Chest High Resolution	Interstitial lung disease Pulmonary fibrosis Mosaic attenuation Air trapping Hypersensitivity pneumonitis Chronic dyspnea Bronchiolitis obliterans		No	No	CT Thorax without contrast	71250
Abomen & Pelvis (Above diaphragm through lesser trochanters)	Abdomen & Pelvic pain Mass, tumor, abscess Cancer staging, colon cancer Weight loss Appendicitis, diverticulitis Hernia Obstruction, distension Pyelonephritis Pancreatitis Gastritis, enteritis, colitis		Yes	<b>*Yes</b>	CT abdomen & pelvis with contrast	74177
	Crohn's disease Small bowel disease/tumor Anemia and chronic GI bleeding with negative upper GI and colon work up	CT enterography	Yes Volumen			
	Painful hematuria Renal stones, stone search Retroperitoneal hematoma	Renal stone protocol	H2O	No	CT abdomen & pelvis without contrast	74176
	Painless hematuria Transitional cell carcinoma Urinary diversion surgery	CT IVP	H2O	<b>*Yes</b>	CT abdomen and pelvis with and without contrast	74178
Abdomen (Above diaphragm through bottom of kidneys)	Hepatitis, Cirrhosis Abnormal liver function test		No	<b>*Yes</b>	CT Abdomen with and without contrast	74170
	Hepatic mass, hemangioma Hepatocellular carcinoma Cholangiocarcinoma	Tri-phase liver protocol				
	Renal mass  Adrenal nodule, mass  Pancreas mass	Dual-phase renal mass protocol  Dual- phase adrenal protocol  Dual-phase pancreatic protocol	H2O	<b>*Yes</b>		
CT Pelvis (Below kidney through lesser trochanters)	Pain, fracture, dislocation Trauma Arthritis		No	No	CT pelvis without contrast	72192
	Tumor, mass, cancer, metastases Infection or mass		Yes	<b>*Yes</b>	CT pelvis with contrast	72193
	Trauma with suspected bladder injury	CT cystogram	No			
Extremities Upper Shoulder to hand	Pain, fracture, dislocation Arthritis Fusion, malunion		No	No	CT upper extremity without contrast	73200
	Tumor, mass, cancer, metastases Infection	MRI preferred	No	<b>*Yes</b>	CT upper extremity with contrast	73201

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Extremities Lower Hip to foot	Pain, fracture, dislocation Arthritis Fusion, malunion		No	No	CT lower extremity without contrast	73700
	Tumor, mass, cancer, metastases Infection	MRI preferred	No	<b>*Yes</b>	CT lower extrmity with contrast	73701
Spine Cervical	Pain, trauma Fracture, subluxation Radiculopathy, sciatica Fusion		No	No	CT cervical spine without contrast	72125
	Infection, abscess Tumor, mass, cancer, metastases	MRI preferred	No	<b>*Yes</b>	CT cervical spine with contrast	72126
Spine Thoracic	Pain, trauma Fracture, subluxation Radiculopathy, sciatica Fusion		No	No	CT thoracic spine without contrast	72128
	Infection, abscess Tumor, mass, cancer, metastases	MRI preferred	No	<b>*Yes</b>	CT thoracic spine with contrast	72129
Spine Lumbar	Pain, trauma Fracture, subluxation Radiculopathy, sciatica Fusion		No	No	CT lumbar spine without contrast	72131
	Infection, abscess Tumor, mass, cancer, metastases	MRI preferred	No	<b>*Yes</b>	CT lumbar spine with contrast	72132
Angiography Brain	Aneurysm TIA, CVA Dural venous sinus thrombosis		No	<b>*Yes</b>	CT angiography head	70496
Angiography Neck	Carotid stenosis, occlusion, bruit TIA, CVA Vertebral anery dissection or occlusion Vascular tumor		No	<b>*Yes</b>	CT angiography neck	70498
Angiography Chest, Abdomen & Pelvis	Aortic dissection, intraumural Hematoma, acute aortic disorder	Dual phase	No	<b>*Yes</b>	CT angiography chest and CT angiography abdomen and Ct angiography pelvis	71275 74175 72191
Angiography Chest	Aneurysm		No	<b>*Yes</b>	CT angiography chest	71275
	Status post endovascular stentgraft repair of aortic aneurysm Endoleak	Triple phase				
Angiography Abdomen & Pelvis	Abdominal aortic aneurysm, other abdominal vascular aneurysm Renal artery stenosis	Dual phase	No	<b>*Yes</b>	CT angiography abdomen	74175
	Mesenteric ischemia	Dual phase	No	<b>*Yes</b>	CT angiography abdomen and CT angiography pelvis	74175 72191
	Status post endovascular stent graph repair of aortic aneurysm Endoleak	Triple phase	No	<b>*Yes</b>	CT Angiography pelvis	72191
Angiography Abdominal Aorta & Lower Extremity Runoff	Peripheral artery disease Claudication	Dual phase	No	<b>*Yes</b>	CT angiography abdominal aorta and bilateral iliofemoral lower extremity runoff	75635

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For more information about our practice, please visit us at [www.valleyradiology.com](http://www.valleyradiology.com)

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