



SAINT VINCENT HOSPITAL

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REFERENCE GUIDE FOR ORDERING CT EXAMINATIONS

Body Part	Reason for Exam	Comments	Oral Prep*	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		No	YES	CT head or brain WITH & WITHOUT contrast	70470
SINUS, FACIAL	Sinus disease Trauma, fracture, pain		No	No	CT maxillofacial area WITHOUT contrast	70486
ORBIT	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	YES	CT orbit, sella or posterior fossa or outer, middle or inner ear WITH contrast	70481
TEMPORAL BONE, INTERNAL AUDITORY CANALS (IAC)	Hearing loss Tinnitus Cholesteatoma		No	No	CT orbit, sella or posterior fossa or outer, middle or inner ear WITHOUT contrast	70480
NECK	Swelling, mass, tumor Pain, infection, abscess Cancer Lymphadenopathy Salivary mass, stone		No	YES	CT soft tissue neck WITH contrast	70491
	Parathyroid adenoma	Dual phase parathyroid protocol				
CHEST	Pneumonia, cough, hemoptysis Chest mass Lung cancer staging Lung nodule: initial CT scan Pleural effusion Abscess, empyema Chest trauma Sarcoidosis		No	YES	CT 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 thorax WITHOUT contrast	71250

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Body Part	Reason for Exam	Comments	Oral Prep*	IV Contrast**	Procedure to Pre-Cert	CPT
HIGH-RESOLUTION CHEST	Interstitial lung disease Pulmonary fibrosis Mosaic attenuation Air trapping Hypersensitivity pneumonitis Bronchiolitis obliterans	High-resolution inspiratory & expiratory phase images	No	No	CT thorax WITHOUT contrast	71250
ABDOMEN & 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		<u>YES</u>	<u>YES</u>	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	VoLumen® (patient receives just prior to scan)			
	<u>Painful</u> hematuria Renal stones, stone search Retroperitoneal hematoma		No	No	CT abdomen & pelvis WITHOUT contrast	74176
	<u>Painless</u> hematuria Transitional cell carcinoma History of urinary diversion surgery	CT urogram	No	<u>YES</u>	CT abdomen & pelvis WITH & WITHOUT contrast	74178
ABDOMEN (Above diaphragm through bottom of kidneys)	Hepatitis, cirrhosis, abnormal liver function tests	Dual phase liver protocol	No	<u>YES</u>	CT abdomen WITH contrast	74160
	Hepatic mass: hemangioma, hepatocellular carcinoma, cholangiocarcinoma	Triple phase liver protocol				
	Renal mass	Triple phase renal mass protocol	No	<u>YES</u>	CT abdomen WITH & WITHOUT contrast	74170
	Adrenal nodule, mass	Triple phase adrenal protocol				
	Pancreatic mass	Triple phase pancreatic protocol				
PELVIS (Below kidneys through lesser trochanters)	Pain, fracture, dislocation Arthritis		No	No	CT pelvis WITHOUT contrast	72192
	Tumor, mass, cancer, metastases Infection		No	<u>YES</u>	CT pelvis WITH contrast	72193
	Trauma with suspected bladder injury	CT cystogram				
EXTREMITIES - UPPER Shoulder to hand	Pain, fracture, dislocation Arthritis Fusion, malunion		No	No	CT upper extremity WITHOUT contrast	73200
	Tumor, mass, cancer, metastases Infection		No	<u>YES</u>	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		No	<u>YES</u>	CT lower extremity 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		No	<u>YES</u>	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		No	<u>YES</u>	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		No	<u>YES</u>	CT lumbar spine WITH contrast	72132
ANGIOGRAPHY BRAIN	Aneurysm TIA, CVA Dural venous sinus thrombosis		No	<u>YES</u>	CT angiography head	70496
ANGIOGRAPHY NECK	Carotid stenosis, occlusion, bruit TIA, CVA Vertebral artery dissection or occlusion Vascular tumor		No	<u>YES</u>	CT angiography neck	70498
ANGIOGRAPHY CHEST, ABDOMEN & PELVIS	Aortic dissection, intramural hematoma, acute aortic disorder	Dual phase	No	<u>YES</u>	CT angiography chest <i>AND</i> CT angiography abdomen <i>AND</i> CT angiography pelvis	71275 74175 72191
ANGIOGRAPHY CHEST	Aneurysm		No	<u>YES</u>	CT angiography chest	71275
	Status-post endovascular stent-graft repair of aortic aneurysm Endoleak	Triple phase	No	<u>YES</u>		
ANGIOGRAPHY ABDOMEN & PELVIS	Abdominal aortic aneurysm, other abdominal vascular aneurysm Renal artery stenosis		No	<u>YES</u>	CT angiography abdomen	74175
	Mesenteric ischemia	Triple phase	No	<u>YES</u>	CT angiography abdomen <i>AND</i>	74175
	Status-post endovascular stent-graft repair of aortic aneurysm Endoleak	Triple phase	No	<u>YES</u>	CT angiography pelvis	72191
ANGIOGRAPHY ABDOMINAL AORTA & LOWER EXTREMITY RUNOFF	Peripheral artery disease Claudication	Dual phase	No	<u>YES</u>	CT angiography abdominal aorta and bilateral iliofemoral lower extremity runoff	75635

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