

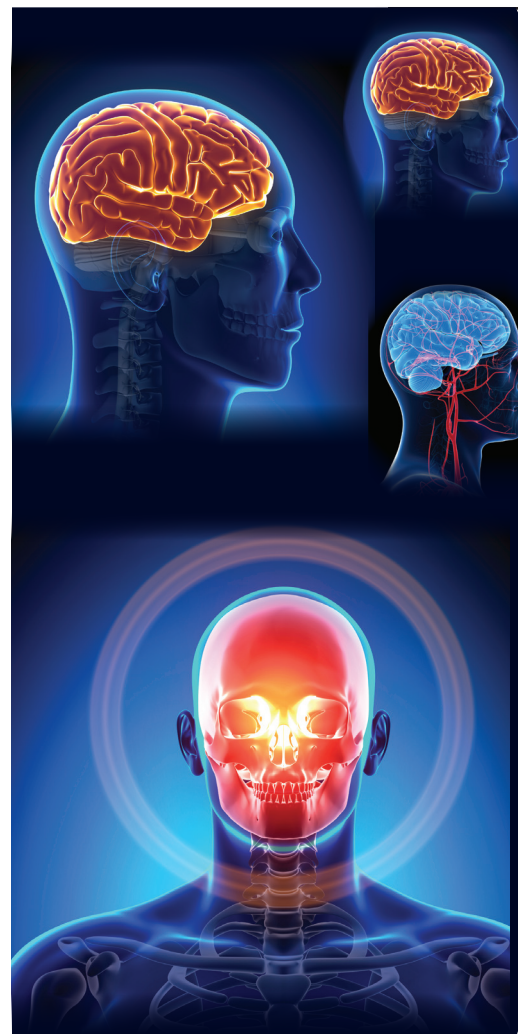
COMPUTED TOMOGRAPHY (CT) SCANS

Exam Reference / Protocol Guidelines

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AREA OF INTEREST

HEAD

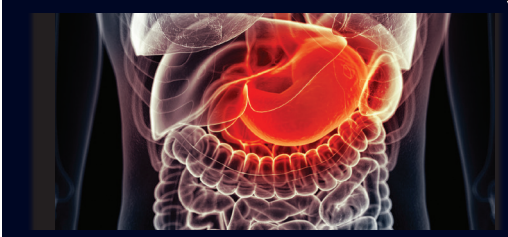



BODY PART EXAM	REASON FOR EXAM	ORAL CONTRAST	IV CONTRAST	PROCEDURES TO PRE-CERT	CODES
BRAIN	Bleed, trauma, headaches	NO	NO	CT Brain without	70450
	Mass, tumor, infection, melanoma, HIV, meningioma, mets staging	NO	YES	CT Brain with and without	70470
CTA HEAD	Aneurysm	NO	YES	CTA Head	70496
CTA NECK	Carotid Occlusion	NO	YES	CTA Neck	70498
ORBITS	Trauma, fracture, foreign body	NO	NO	CT Orbits without	70480
	Mass, abcess, pain, swelling, Graves disease, cellulitis	NO	YES	CT Orbits with	70481
SINUS	Sinusitus, mass, pain, polyps, deviated septum, congestion, foreign body	NO	NO	CT Sinus without	70486
FACE	Trauma, fracture	NO	NO	CT Maxillofacial	70486
TEMPORAL BONES	Cholestatoma, tinnitus, congenital hearing loss	NO	NO	CT Temporal Bones without	70480
SOFT TISSUE NECK	Palpable neck mass, stone, neoplasm	NO	YES	CT Neck with	70492
	Lymphoma, lymphadenopathy	NO	YES	CT Neck with	70492
	Parotid swelling, vocal chord paralysis	NO	NO	CT Neck without	70490

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AREA OF INTEREST ABDOMEN

AREA OF INTEREST	BODY PART EXAM	REASON FOR EXAM	ORAL CONTRAST	IV CONTRAST	PROCEDURES TO PRE-CERT	CODES
	ABDOMEN: <i>from lung base to iliac crest</i>	Pain	YES	NO	CT Abdomen Pelvis without	74176
	PELVIS: <i>from iliac crest to pubis</i>	Pain, fracture, arthritis, mets, bone lesion Soft tissue mass, tumor, abscess, infection, cellulitis	NO YES	NO YES	CT Pelvis without CT Pelvis with	72192 72193
	ABDOMEN AND PELVIS GENERAL: <i>from lung base to pubis</i>	Mass, hernia, diverticulitis, appendicitis, restaging CA, nausea, vomiting	YES	YES	CT Abdomen Pelvic with	74178
	ABDOMEN/ PELVIS: <i>Enterography</i>	Crohn's disease, small bowel obstruction	YES <i>Arrive 1 hour prior to appt. time, patient must drink oral contrast in the office</i>	YES	35 years of age or older: Enterography with	74178
					35 years of age or younger:	74176
	LIVER	Increase LFTs, RUQ pain, jaundice, liver cancer, cirrhosis, hepatoma, hemangioma, hepatitis	YES	YES	CT Abdomen with and without CT Pelvis with	74178

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AREA OF INTEREST RENAL

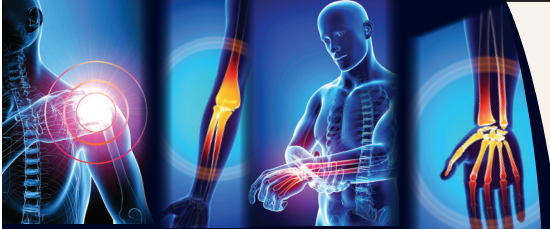
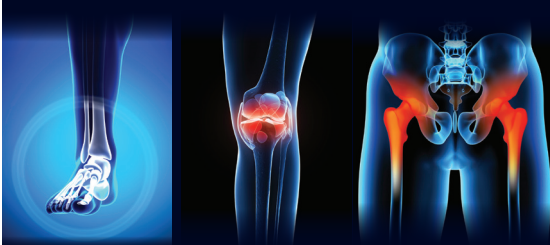
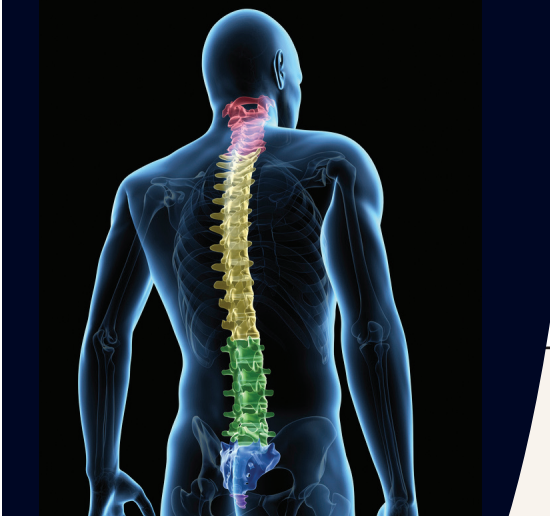
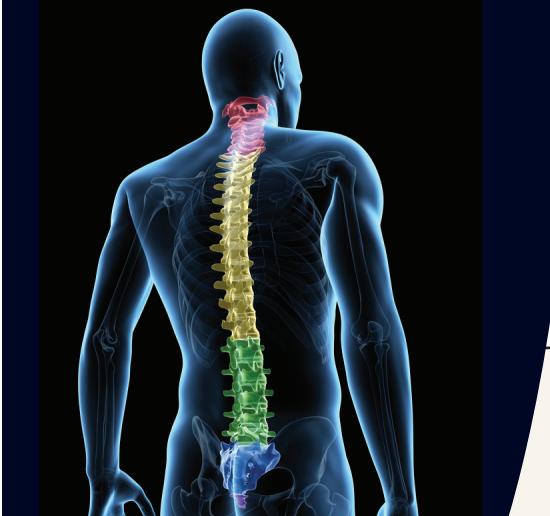
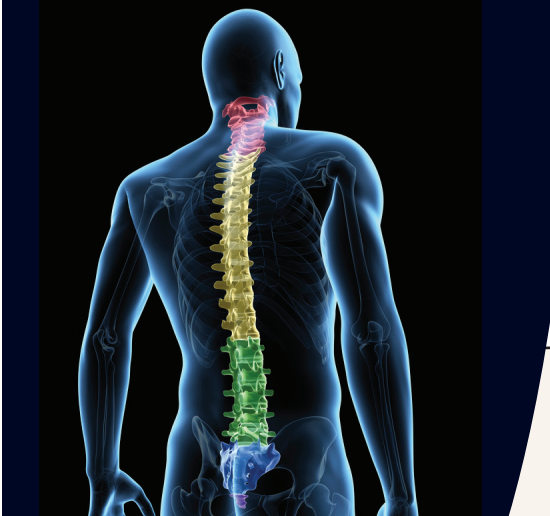


AREA OF INTEREST	BODY PART EXAM	REASON FOR EXAM	ORAL CONTRAST	IV CONTRAST	PROCEDURES TO PRE-CERT	CODES
RENAL	RENAL	Renal stone	NO	NO	CT Abdomen without Pelvis without	74176
		Mass	NO	YES	CT Abdomen with and without CT Pelvis with	74178
URINARY SYSTEM		Hematuria	NO	YES	CT Urogram with and without /w3D	74178
	WITH 3D					76377
CTA ABDOMEN		AAA, renal artery stenosis, dissection, hypertension	NO	YES	CTA Abdomen	74175
CTA ABDOMEN AND PELVIS		AAA, renal artery stenosis, dissection, hypertension	NO	YES	CTA Abdomen and Pelvis	74174
CTA RUNOFF		(PAD) Peripheral Artery Disease	NO	YES	CTA Abdomen Aorta Runoff	75635
CHEST		Nodule, opacities seen	NO	NO	CT Chest without	71250
		Hilar adenopathy, lung cancer	NO	YES	CT Chest with	71260
CTA CHEST		Pulmonary embolism Aneurysm	NO	YES	CTA Chest	71275
HIGH RESOLUTION		Interstitial lung disease	NO	NO	CT Chest high resolution without	70490

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AREA OF INTEREST EXTREMITIES

AREA OF INTEREST	BODY PART EXAM	REASON FOR EXAM	ORAL CONTRAST	IV CONTRAST	PROCEDURES TO PRE-CERT	CODES
	UPPER EXTREMITIES: <i>hand, wrist, elbow, forearm, humerus, shoulder</i>	Pain, arthritis, fracture, fusion, malunion	NO	NO	CT Upper Extremity without contrast	73200
		Infection, tumor, mass, cancer, mets (MRI is more sensitive)	NO	YES	CT Upper Extremity with contrast	73201
	LOWER EXTREMITIES: <i>foot, ankle, knee, hip, tibia, fibula, femur</i>	Pain, arthritis, fracture, fusion, malunion	NO	NO	CT Lower Extremity without contrast	73700
		Infection, tumor, mass, cancer, mets (MRI is more sensitive)	NO	YES	CT Lower Extremity with contrast	73701
	CERVICAL SPINE	Immediate Post-op	NO	YES	CT Cervical Spine with	72126
		Neck pain, fracture, eval hardware	NO	NO	CT Cervical Spine without	72125
	THORACIC SPINE	Immediate Post-op	NO	YES	CT Thoracic Spine with	72129
		Pain, fracture, eval hardware	NO	NO	CT Thoracic Spine without	72128
	LUMBAR SPINE	Immediate Post-op	NO	YES	CT Lumbar Spine with	72132
		Pain, fracture, eval hardware	NO	NO	CT Lumbar Spine without	72131

Reducing the Risk of Contrast Induced Nephrotoxicity

Some patients receiving intravenous contrast require bloodwork prior to contrast injection

THE FOLLOWING PATIENTS SHOULD HAVE A RECENT EGFR (Estimated Glomular Filtration Rate):

- History of renal disease - (*note - kidney stones/renal cysts do not require eGFR)
 - Dialysis
 - Kidney transplant
 - Single kidney
 - Remote history of acute kidney injury
 - Kidney surgery (partial or radical nephrectomy)
 - Kidney cancer
 - Kidney ablation
 - Known severe chronic kidney disease (patients with a history of eGFR under 30, i.e. CKD stage 4 or 5)
 - Albuminuria (patients that have been told they have protein in their urine)

ACCEPTABLE BLOOD WORK GUIDELINES:

- eGFR should be within 60 days of imaging
- eGFR should be within 30 days if the patient had a recent hospitalization

DOSING GUIDELINES:

- eGFR > 30 - Technologists can proceed with the contrast injection
- eGFR < 29 - Radiologist should speak with the ordering clinician for clearance before proceeding with contrast injection or if alternative tests may be useful for diagnosis

DIALYSIS GUIDELINES:

Defer to Nephrologist for course of treatment