



RADIOLOGY REFERENCE GUIDE

Please Note:

CT/MRI Prior Authorizations: Progress notes and demographics need to be sent with orders so we can get prior authorizations for CT/MRI exams.

CT Lung Cancer Screening: Eligibility form needs to be filled out entirely and sent with order/notes. Patients need to meet all of the criteria. (Available on the Novello imaging website [Lung Cancer Screening Form](#))

Contrasted CT studies and labs: If the patient is 60 or older, has diabetes, hypertension, renal insufficiency (kidney disease/one kidney), or pheochromocytoma, labs (GFR/Creatinine) within 30 days must be included with the order.

CT SCANS

BODY PART	REASON FOR EXAM	IV CONTRAST	ORAL CONTRAST	PROCEDURE NAME	CPT CODE
HEAD/NECK					
HEAD/BRAIN	<ul style="list-style-type: none"> • CVA/TIA • Dizziness • Memory loss • Trauma • Hemorrhage • Seizures 	NO	NO	CT HEAD W/O CONTRAST	70450
	<ul style="list-style-type: none"> • Lesion • Infection • Tumor/mass/metastasis 	YES	NO	CT HEAD W/ AND W/O CONTRAST	70470
SINUS	<ul style="list-style-type: none"> • Polyps • Postnasal drip • Sinusitis • Surgical planning 	NO	NO	CT SINUS W/O CONTRAST	70486
FACE	<ul style="list-style-type: none"> • Cellulitis • Infection/abscess • Soft tissue mass 	YES	NO	CT FACIAL BONES W/ CONTRAST	70487
	<ul style="list-style-type: none"> • Injury/trauma, concern for fracture 	NO	NO	CT FACIAL BONES W/O CONTRAST	70486
ORBITS	<ul style="list-style-type: none"> • Mass • Apoptosis • Infection • Swelling • Vision Changes 	YES	NO	CT ORBITS W/ CONTRAST	70481
TEMPORAL BONES	<ul style="list-style-type: none"> • Otitis Media • Cholesteatoma • Conductive hearing loss • Mastoiditis 	NO	NO	CT TEMPORAL BONES W/O CONTRAST	70480
SOFT TISSUE NECK	<ul style="list-style-type: none"> • Adenopathy • Dysphagia • Infection/abscess • Mass/neoplasm • Vocal cord paralysis 	YES	NO	CT SOFT TISSUE NECK W/ CONTRAST	70491
	<ul style="list-style-type: none"> • Salivary gland calculi/adenitis • Foreign Body 	YES	NO	CT SOFT TISSUE NECK W/ AND W/O CONTRAST	70492
SPINE					
CERVICAL SPINE	<ul style="list-style-type: none"> • Evaluate hardware/fusion status • Degenerative changes • R/O Fracture 	NO	NO	CT CERVICAL SPINE W/O CONTRAST	72125

CT SCANS

THORACIC SPINE	<ul style="list-style-type: none"> Evaluate hardware/fusion status Degenerative changes R/O Fracture 	NO	NO	CT THORACIC SPINE W/O CONTRAST	72128
LUMBAR SPINE	<ul style="list-style-type: none"> Evaluate hardware/fusion status Degenerative changes R/O Fracture 	NO	NO	CT LUMBAR SPINE W/O CONTRAST	72131
ABDOMEN AND PELVIS					
ABDOMEN	<ul style="list-style-type: none"> Renal mass 	YES	WATER	CT RENAL PROTOCOL W/ AND W/O CONTRAST	74174
	<ul style="list-style-type: none"> Abnormal liver enzymes Jaundice Liver Mass 	YES	WATER	MULTIPHASE CT ABDOMEN/LIVER W/ AND W/O CONTRAST	74170
	<ul style="list-style-type: none"> Pancreatitis Pancreatic Mass 	YES	WATER	MULTIPHASE CT ABDOMEN W/ AND W/O CONTRAST	74170
	<ul style="list-style-type: none"> Ventral, umbilical hernia 	NO	NO	CT ABDOMEN W/O CONTRAST (w/ contrast if painful)	74150
ABDOMEN AND PELVIS	<ul style="list-style-type: none"> Abdominal pain Abnormal labs Abscess Adenopathy Ascites Injury/trauma Metastasis Pancreatitis Pelvic pain Tumor/mass Unexplained weight loss 	YES	YES	CT ABDOMEN AND PELVIS W/ CONTRAST	74177
STONE PROTOCOL	<ul style="list-style-type: none"> Flank pain Renal stones 	NO	NO	CT ABDOMEN AND PELVIS W/O CONTRAST	74176
UROGRAM	<ul style="list-style-type: none"> Hydronephrosis without flank pain Flank pain Renal stones 	YES	WATER	CT ABDOMEN AND PELVIS W/ AND W/O CONTRAST	74178
SOFT TISSUE PELVIS	<ul style="list-style-type: none"> Inguinal hernia Adenopathy Mass Pain 	Yes	Yes	CT PELVIS W/ CONTRAST	72193

CT SCANS

BONY PELVIS	<ul style="list-style-type: none"> Trauma, concern for fracture 	NO	NO	CT PELVIS W/O CONTRAST	72192
CHEST					
CHEST	<ul style="list-style-type: none"> Asthma Atelectasis Bronchiectasis COPD Cough Emphysema Continued pulmonary nodule follow up Injury Trauma Pericardial effusion Pleural effusion Pneumothorax Rib Fracture 	NO	NO	CT CHST W/O CONTRAST	71250
	<ul style="list-style-type: none"> Abnormality involving hilum Empyema Infiltrate Lung cancer Mass Pneumonia Work up of other cancer/malignancy First time nodule follow up 	YES	NO	CT CHEST W/ CONTRAST	71260
HIGH RESOLUTION CHEST	<ul style="list-style-type: none"> Interstitial lung disease 	NO	NO	CT CHEST W/O CONTRAST	71250
LUNG	<ul style="list-style-type: none"> History of smoking 	NO	NO	CT LUNG CANCER SCREEN (Must meet all screening criteria)	
ANGIOGRAM					
HEAD	<ul style="list-style-type: none"> Stenosis Aneurysm 	YES	NO	CT ANGIO BRAIN W/ AND W/O CONTRAST	70496
NECK	<ul style="list-style-type: none"> Carotid Stenosis 	YES	NO	CT ANGIO NECK W/ CONTRAST	70498
CHEST	<ul style="list-style-type: none"> Suspected PE Thoracic aneurysm 	YES	NO	CT ANGIO CHEST W/CONTRAST	71275
ABDOMEN	<ul style="list-style-type: none"> Abdominal aortic aneurysm 	YES	NO	CT ANGIO ABDOMEN W/ CONTRAST	74175
ABDOMEN/ PELVIS	<ul style="list-style-type: none"> Mesenteric ischemia Pre op AAA surgery Pre or post op evaluation 	YES	NO	CT ANGIOM ABDOMEN/PELVIS W/ CONTRAST	72191

MRI

BODY PART	REASON FOR EXAM	IV CONTRAST	PROCEDURE NAME	CPT CODE
BRAIN				
BRAIN	<ul style="list-style-type: none"> • CVA/TIA • Dizziness • Memory Loss • Trauma • Tremors • Trigeminal • IAC lesion/hearing • Infection • Lesions • Multiple Sclerosis • Neurofibromatosis • Seizures • Pituitary lesion (pituitary protocol) • Metastasis 	YES	MRI BRAIN W/ AND W/O CONTRAST Specify on order if needed: <ul style="list-style-type: none"> • IACS • Pituitary • MS • Seizure • Trigeminal 	70553
ORBITS	<ul style="list-style-type: none"> • Diplopia • Hyperthyroidism • Nystagmus • Strabismus • Tumor/Mass/Mets • Vision changes 	YES	MRI ORBITS W/ AND W/O CONTRAST	70543
FACE	<ul style="list-style-type: none"> • Infection • Tumor/Mass/Mets 	YES	MRI FACE W/ AND W/O CONTRAST	70543
SINUS	<ul style="list-style-type: none"> • Infection • Tumor/Mass/Mets 	YES	MRI SINUS W/ AND W/O CONTRAST	
NECK SOFT TISSUE	<ul style="list-style-type: none"> • Dysphagia • Infection • Persistent hoarseness • Tumor/Mass/Mets • Vocal cord paralysis 	YES	MRI SOFT TISSUE NECK W/ AND W/O CONTRAST	70543
NEUROGRAM				
BRACHIAL PLEXUS	<ul style="list-style-type: none"> • Brachial plexus injury • Nerve avulsion • Tumor/Mass/Mets 	YES	MRI BRACHIAL PLEXUS W/ AND W/O CONTRAST (Brachial plexus protocol)	73220
LUMBOSACRAL PLEXUS	<ul style="list-style-type: none"> • Lumbosacral plexus injury • Nerve avulsion • Tumor/Mass/Mets 	YES	MRI LUMBOSACRAL PLEXUS W/ AND W/O CONTRAST (Lumbosacral plexus protocol)	72197
SPINE				
CERVICAL	<ul style="list-style-type: none"> • Neck pain • Radiculopathy • Degenerative disc disease • Canal stenosis 	NO	MRI CERVICAL SPINE W/O CONTRAST	72141

MRI

	<ul style="list-style-type: none"> • Compression fracture 			
	<ul style="list-style-type: none"> • MS • Discitis/osteomyelitis • Post-op pain • Tumor/Mass/Mets 	YES	MRI CERVICAL SPINE W/ AND W/O CONTRAST	72156
THORACIC	<ul style="list-style-type: none"> • Neck pain • Radiculopathy • Degenerative disc disease • Canal stenosis • Compression fracture 	NO	MRI THORACIC SPINE W/O CONTRAST	72146
	<ul style="list-style-type: none"> • MS • Discitis/osteomyelitis • Post-op pain (w/ T-S surgery in last 8 yrs.) • Tumor/Mass/Mets 	YES	MRI THORACIC SPINE W/ AND W/O CONTRAST	72157
LUMBAR	<ul style="list-style-type: none"> • Neck pain • Radiculopathy • Degenerative disc disease • Canal stenosis • Compression fracture 	NO	MRI LUMBAR SPINE W/O CONTRAST	72148
	<ul style="list-style-type: none"> • Discitis/osteomyelitis • Post-op pain (w/ T-S surgery in last 8 yrs.) • Tumor/Mass/Mets 	YES	MRI LUMBAR SPINE W/ AND W/O CONTRAST	72158
SACRUM/COCCYX		NO	MRI BONY PELVIS W/O CONTRAST *Please specify in comments	72195
ABDOMEN AND PELVIS				
ABDOMEN	<ul style="list-style-type: none"> • MRCP (biliary/pancreatic ducts, stones, jaundice) 	YES	MRCP AND MRI ABDOMEN W/ AND W/O CONTRAST	74181
	<ul style="list-style-type: none"> • Liver Disease • Mass (adrenal, liver, pancreatic, renal) 	YES	MRI ABDOMEN W/ AND W/O CONTRAST	74183
MSK PELVIS	<ul style="list-style-type: none"> • MSK pain (SI joints, sacrum, coccyx) • Muscle tear 	NO	MRI PELVIS W/O CONTRAST	72195
	<ul style="list-style-type: none"> • Osteomyelitis 	YES	MRI PELVIS W/ AND W/O CONTRAST	72197
SOFT TISSUE PELVIS	<ul style="list-style-type: none"> • Abscess • Adenomyosis • Endometrial abnormalities • Fibroids • Septic arthritis • Tumor/Mass/Mets 	YES	MRI PELVIS MSK W/ AND W/O CONTRAST	72197

MRI

EXTREMITIES				
NON-JOINT EXTREMITY (EX: HUMERUS, FEMUR)	<ul style="list-style-type: none"> • Morton's Neuroma • Osteomyelitis • Abscess • Tumor/Mass/Mets (soft tissue) 	YES	MRI UPPER/ LOWER EXTREMITY W/ AND W/OUT CONTRAST	73220
	<ul style="list-style-type: none"> • Muscle/tendon tear • Stress fracture 	NO	MRI UPPER/LOWER EXTREMITY W/O CONTRAST	73718
JOINT EXTREMITY (EX: SHOULDER, KNEE, WRIST)	<ul style="list-style-type: none"> • Arthritis • AVN • Joint Pain • Ligament/tendon/muscle/ cartilage/labral tear • Stress fracture 	NO	MRI UPPER/LOWER EXTREITY JOINT W/O CONTRAST **EXAMPLE: MRI KNEE W/O CONTRAST	73721
ANGIOGRAPHY				
MRA HEAD	<ul style="list-style-type: none"> • Stenosis • AVM • CVA/TIA • Aneurysm • Strong family hx cerebral aneurysms • Dissection 	NO	MRA HEAD W/O CONTRAST	70544
MRV HEAD	<ul style="list-style-type: none"> • Venous thrombosis 	YES	MRV HEAD W/ AND W/O CONTRAST	70546
MRA NECK	<ul style="list-style-type: none"> • Stenosis • Aneurysm • AVM • CVA/TIA • Dissection/vessel injury 	YES	MRA NECK W/ AND W/O CONTRAST	70549

ULTRASOUND

BODY PART	REASON FOR EXAM	PROCEDURE NAME	CPT CODE
ABDOMEN	<ul style="list-style-type: none"> Abnormal lab values Cirrhosis, fatty liver Gallstones Hepatomegaly Jaundice Pain (epigastric, ruq, etc) Splenomegaly 	ABDOMEN COMPLETE (Pancreas, liver, gb, kidneys, spleen)	76700
		ABDOMEN RUQ (Pancreas, liver, gb, right kidney)	76705
		ABDOMEN LUQ (Spleen, left kidney)	76705
ABDOMEN/BACK	<ul style="list-style-type: none"> Palpable Fluid Collection 	SOFT TISSUE ABDOMEN/TRUNK	76705
AORTA	<ul style="list-style-type: none"> Pulsatile mass Aneurysm follow-up Bruit 	ABDOMINAL AORTA	76775
	<ul style="list-style-type: none"> No symptoms Hx of Tobacco Use Family Hx AAA HTN 	AORTA SCREENING	76706
CAROTID	<ul style="list-style-type: none"> Amaurosis fugax Aphasia Ataxia Bruit Hemiplegia Syncope Vision changes Vertigo/dizziness 	CAROTID DOPPLER	93880
CHEST	<ul style="list-style-type: none"> Superficial mass (below the collar bone but not in the breast tissue) 	CHEST – PLEASE SPECIFY WHICH SIDE	76604
FEMALE PELVIS	<ul style="list-style-type: none"> Abnormal bleeding Enlarged uterus Fibroids Locate IUD PCOD Pain (located in the pelvis) Post menopausal bleeding Ovarian cyst Irregular cycles 	PELVIC COMPLETE (Transabdominal only)	76856
		TRANSVAGINAL (TV only)	76830
		PELVIC COMPLETE W/TRANSVAGINAL (TA and TV imaging)	76856 and 76830
KIDNEYS	<ul style="list-style-type: none"> Hematuria Hydronephrosis Renal Failure/disease Renal stone 	RENAL	76775
		<ul style="list-style-type: none"> Hypertension Renal artery aneurysm Renal artery stenosis Renal failure/disease 	RENAL ARTERIAL DOPPLER (Includes imaging of the kidneys)
KIDNEYS/BLADDER	<ul style="list-style-type: none"> Bladder Diverticula Hematuria Hydronephrosis Renal Stone 	RENAL AND BLADDER	76770
		BLADDER ONLY	76857

ULTRASOUND

	<ul style="list-style-type: none"> • Neurogenic Bladder • UTI • Urinary Retention 		
SCROTUM/TESTICLES	<ul style="list-style-type: none"> • Epididymitis • Hydrocele • Swelling • Pain • Trauma • Torsion • Undescended Testicle • Varicocele 	SCROTUM W/ DOPPLER	76870 AND 93975
GROIN	<ul style="list-style-type: none"> • Pain • Hernia 	GROIN (SPECIFY SIDE)	76882
EXTREMITY	<ul style="list-style-type: none"> • Palpable • Fluid Collection 	EXTREMITY NON-VASCULAR (Specify location)	76882
VENOUS LOWER/UPPER EXTREMITY	<ul style="list-style-type: none"> • Calf pain • DVT follow up • Edema/swelling 	VENOUS DOPPLER (Specify upper/lower and laterality)	93971 (unilateral) 93970 (bilateral)
ARTERIAL LOWER/UPPER EXTREMITY	<ul style="list-style-type: none"> • Aneurysm • Stenosis • Embolism • Claudication 	ARTERIAL DUPLEX (Specify upper/lower and laterality)	93931 (unilateral) 93930 (bilateral)
NECK	<ul style="list-style-type: none"> • Palpable • Parotid • Submandibular Node 	SOFT TISSUE NECK	76536
THYROID	<ul style="list-style-type: none"> • Abnormal labs • Enlarged thyroid • Hyper/Hypothyroidism • Mass 	THYROID	76536