

**RADIOLOGY REFERENCE GUIDE**

**Please Note:**

**CT/MRI/Arthrograms Prior Authorizations:**  Progress notes and demographics must be sent with orders so Novello Imaging can obtain prior authorizations for CT/MRI Exams.

\*\*Same day STATs for CT must have prior authorization by ordering office before test\*\*

**CT Lung Cancer Screening:**  **Eligibility form must be completely filled out and sent with order/notes.** Patients must meet all criteria, only patients aged 50-77 qualify. The Eligibility form can be found on the Novello Imaging website [Lung Cancer Screening Form](https://www.novelloimaging.org/application/files/3016/7664/8043/Lung_Screen_Form_2023-2.pdf).

**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 in the order.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| BODY PART | REASON FOR EXAM | IV CONTRAST | ORAL CONTRAST  | PROCEDURE NAME | CPT CODE |
| HEAD | * Stenosis
* Aneurysm
 | YES | NO | CT ANGIO BRAIN W/ CONTRAST | 70496 |
| NECK | * Carotid Stenosis
* Aneurysm
* Occlusions
* Non-acute stroke symptoms
 | YES | NO | CT ANGIO NECK W/ CONTRAST | 70498 |
| CHESTPE Protocol | * Suspected PE
* Thoracic Aneurysm
 | YES | NO | CT ANGIO CHEST W/CONTRAST | 71275 |
| THORACIC AORTA | * Without Stent
 | YES | NO  | CT ANGIO CHEST W/CONTRAST | 71275F |
| * With Stent
 | YES | NO  | CT ANGIO CHEST W/CONTRAST | 71275G |
| ABDOMEN | * Abdominal aortic aneurysm
 | YES | NO  | CT ANGIO ABDOMEN W/ CONTRAST | 74175 |
| ABDOMEN/ PELVIS | * Mesenteric ischemia
* Pre op AAA surgery
* Pre or post op evaluation
 | YES | NO | CT ANGIO ABDOMEN/PELVIS W/ CONTRAST | 72191 |

\*\*All CTA’s come standard with arterial phase 3D work-ups\*\*

\*\*CTA Head and Neck for post TIA symptoms can be done per request\*\*

| BODY PART | REASON FOR EXAM | IV CONTRAST | ORAL CONTRAST  | PROCEDURE NAME | CPT CODE |
| --- | --- | --- | --- | --- | --- |
| HEAD/NECK |
| HEAD/BRAIN | * CVA/TIA
* Dizziness
* Memory loss
* Trauma
* Hemorrhage
* Seizures
 | NO | NO | CT HEAD W/O CONTRAST | 70450 |
| * Lesion
* Infection
* Tumor/mass/ metastasis
 | YES | NO | CT HEAD W/ AND W/O CONTRAST | 70470 |
| SINUS | * Polyps
* Postnasal drip
* Sinusitis
* Surgical planning
 | NO | NO | CT SINUS W/O CONTRAST | 70486 |
| FACE | * Cellulitis
* Infection/abscess
* Soft tissue mass
 | YES | NO | CT FACIAL BONES W/ CONTRAST | 70487 |
| * Injury/trauma, concern for fracture
 | NO | NO | CT FACIAL BONES W/O CONTRAST | 70486 |
| ORBITS | * Mass
* Apoptosis
* Infection
* Swelling
* Vision Changes
 | YES | NO | CT ORBITS W/ CONTRAST | 70481 |
| TEMPORAL BONES | * Otitis Media
* Cholesteatoma
* Conductive hearing loss
* Mastoiditis
 | NO | NO | CT TEMPORAL BONES W/O CONTRAST | 70480 |
| SOFT TISSUE NECK  | * Adenopathy
* Dysphagia
* Infection/abscess
* Mass/neoplasm
* Vocal cord paralysis
 | YES | NO  | CT SOFT TISSUE NECK W/ CONTRAST | 70491 |
| * Salivary gland calculi/adenitis
* Foreign Body
 | YES | NO | CT SOFT TISSUE NECK W/ AND W/O CONTRAST | 70492 |
| SPINE |
| CERVICAL SPINE | * Evaluate hardware/fusion status
* Degenerative changes
* R/O Fracture
 | NO | NO | CT CERVICAL SPINE W/O CONTRAST | 72125 |
| THORACIC SPINE | * Evaluate hardware/fusion status
* Degenerative changes
* R/O Fracture
 | NO | NO | CT THORACIC SPINE W/O CONTRAST | 72128 |
| LUMBAR SPINE | * Evaluate hardware/fusion status
* Degenerative changes
* R/O Fracture
 | NO | NO | CT LUMBAR SPINE W/O CONTRAST | 72131 |
| ABDOMEN AND PELVIS |
| ABDOMEN | * Renal mass
* ABD Renal Mass Protocol
 | YES | YES | MULTIPHASE CT ABDOMINAL/RENAL PROTOCOL W/ AND W/O CONTRAST | 74170 |
| * Abnormal liver enzymes
* Jaundice
* Liver Mass
 | YES | YES | MULTIPHASE CT ABDOMEN/LIVER W/ AND W/O CONTRAST | 74170 |
| * Pancreatitis
* Pancreatic Mass
 | YES | YES | MULTIPHASE CT ABDOMEN/PANCREAS W/ AND W/O CONTRAST | 74170 |
| * Ventral, umbilical hernia
 | NO | NO | CT ABDOMEN W/O CONTRAST (w/ contrast if painful) | 74150 |
| ABDOMEN AND PELVIS | * 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 |
| KIDNEY (RENAL)Stone Protocol | * Flank pain
* Renal stones
 | NO | NO | CT ABDOMEN AND PELVIS W/O CONTRAST | 74176 |
| UROGRAMHematuria Protocol | * Hydronephrosis without flank pain
* Flank pain
* Renal stones with hematuria
 | YES | YES | CT ABDOMEN AND PELVIS W/ AND W/O CONTRAST | 74178 |
| SOFT TISSUE PELVIS | * Inguinal hernia
* Adenopathy
* Mass
* Pain
 | YES | YES | CT PELVIS W/ CONTRAST | 72193 |
| BONY PELVIS | * Trauma, concern for fracture
 | NO | NO | CT PELVIS W/O CONTRAST | 72192 |
| CHEST |
| CHEST | * Asthma
* AtelectasisBronchiectasis
* 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 |
| * 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 | * Interstitial lung disease
 | NO | NO | CT CHEST W/O CONTRAST | 71250 |
| LUNG | * History of smoking
 | NO | NO | CT LUNG CANCER SCREEN(Must meet all screening criteria) |  |
| EXTREMITIES |
| HIPS, KNEES, ANKLES, FEET | * Traumatic joint/bone injury
* Non-traumatic joint/bone injury
* Presurgical Scans
 | NO | NO | CT LOWER EXTREMITIES W/O CONTRAST | 73700 |
| SHOULDERS, ELBOWS, WRISTS | * Traumatic joint/bone injury
* Non-traumatic joint/bone injury
* Presurgical Scans
 | NO | NO | CT UPPER EXTREMITIES W/O CONTRAST | 73200 |

| BODY PART | REASON FOR EXAM | IV CONTRAST | PROCEDURE NAME | CPT CODE |
| --- | --- | --- | --- | --- |
| BRAIN |
| BRAIN | * Tremors
* Trigeminal
* IAC lesion/hearing
* Infection
* Lesions
* Multiple Sclerosis
* Neurofibromatosis
* Seizures
* Pituitary lesion (pituitary protocol)
* Metastasis
 | YES | MRI BRAIN W/ AND W/O CONTRASTSpecify on order if needed: * IACS
* Pituitary
* MS
* Seizure
* Trigeminal
 | 70553 |
| BRAIN | * CVA/TIA
* Headaches
* Dizziness
* Memory Loss
* Trauma
 | NO | MRI BRAIN W/O | 70551 |
| ORBITS | * Diplopia
* Hyperthyroidism
* Nystagmus
* Strabismus
* Tumor/Mass/Mets

Vision changes | YES | MRI ORBITS W/ AND W/O CONTRAST | 70543 |
| FACE | * Infection
* Tumor/Mass/Mets
 | YES | MRI FACE W/ AND W/O CONTRAST | 70543 |
| SINUS | * Infection
* Tumor/Mass/Mets
 | YES | MRI SINUS W/ AND W/O CONTRAST |  |
| NECK SOFT TISSUE | * Dysphagia
* Infection
* Persistent hoarseness
* Tumor/Mass/Mets

Vocal cord paralysis | YES | MRI SOFT TISSUE NECK W/ AND W/O CONTRAST | 70543 |
| NEUROGRAM |
| BRACHIAL PLEXUS | * Brachial plexus injury
* Nerve avulsion
* Tumor/Mass/Mets
 | YES | MRI BRACHIAL PLEXUS W/ AND W/O CONTRAST (Brachial plexus protocol) | 73220 |
| LUMBOSACRAL PLEXUS | * Lumbosacral plexus injury
* Nerve avulsion
* Tumor/Mass/Mets
 | YES | MRI LUMBOSACRAL PLEXUS W/ AND W/O CONTRAST(Lumbosacral plexus protocol) | 72197 |
| SPINE |
| CERVICAL | * Neck pain
* Radiculopathy
* Degenerative disc disease
* Canal stenosis
* Compression fracture
 | NO | MRI CERVICAL SPINE W/O CONTRAST | 72141 |
| * MS
* Discitis/osteomyelitis
* Post-op pain

Tumor/Mass/Mets | YES | MRI CERVICAL SPINE W/ AND W/O CONTRAST | 72156 |
| THORACIC | * Neck pain
* Radiculopathy
* Degenerative disc disease
* Canal stenosis
* Compression fracture
 | NO | MRI THORACIC SPINE W/O CONTRAST | 72146 |
| * 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 | * Neck pain
* Radiculopathy
* Degenerative disc disease
* Canal stenosis

Compression fracture | NO | MRI LUMBAR SPINE W/O CONTRAST | 72148 |
| * Discitis/osteomyelitis
* Post-op pain (w/ T-S surgery in last 8 yrs.)
* Tumor/Mass/Mets
 | YES | MRI LUMBER SPINE W/ AND W/O CONRAST | 72158 |
| SACRUM/COCCYX |  | NO | MRI BONY PELVIS W/O CONTRAST \*Please specify in comments | 72195 |
| ABDOMEN AND PELVIS |
| ABDOMEN | * MRCP (biliary/pancreatic ducts, stones, jaundice)
 | YES | MRCP AND MRI ABDOMEN W/ AND W/O CONTRAST | 74181 |
| * Liver Disease
* Mass (adrenal, liver, pancreatic, renal)
 | YES | MRI ABDOMEN W/ AND W/O CONTRAST | 74183 |
| MSK PELVIS | * MSK pain (SI joints, sacrum, coccyx)
* Muscle tear
 | NO | MRI PELVIS W/O CONTRAST | 72195 |
| * Osteomyelitis
 | YES | MRI PELVIS W/ AND W/O CONTRAST | 72197 |
| SOFT TISSUE PELVIS(FEMALE PELVIS) | * Abscess
* Adenomyosis
* Endometrial abnormalities
* Fibroids
* Septic arthritis
* Tumor/Mass/Mets
 | YES | MRI PELVIS MSK W/ AND W/O CONTRAST | 72197 |
| EXTREMITIES |
| NON-JOINT EXTREMITY (EX: HUMERUS, FEMUR) | * Morton’s Neuroma
* Osteomyelitis
* Abscess

Tumor/Mass/Mets (soft tissue) | YES | MRI UPPER/ LOWER EXTREMITY W/ AND W/OUT CONTRAST | 73220 |
| * Muscle/tendon tear

Stress fracture | NO | MRI UPPER/LOWER EXTREMITY W/O CONTRAST | 73718 |
| JOINT EXTREMITY (EX: SHOULDER, KNEE, WRIST) | * 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 | * Stenosis
* AVM
* CVA/TIA
* Aneurysm
* Strong family hx cerebral aneurysms
* Dissection
 | NO | MRA HEAD W/O CONTRAST | 70544 |
| MRV HEAD | * Venous thrombosis
 | YES | MRV HEAD W/ AND W/O CONTRAST | 70546 |
| MRA NECK | * Stenosis
* Aneurysm
* AVM
* CVA/TIA
* Dissection/vessel injury
 | YES | MRA NECK W/ AND W/O CONTRAST | 70549 |

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| --- |
| ARTHROGRAM |

|  |  |  |  |
| --- | --- | --- | --- |
| WRIST | * Ligament tear (pro and post op)
 | MR ARTHROGRAM WRIST | 73222/25246/77002 |
| ELBOW | * Ligament tear (post op)
 | MR ARTHROGRAM ELBOW | 73222/24220/77002 |
| SHOULDER | * Ligament tear
* Rotator cuff (post op)
 | MR ARTHROGRAM SHOULDER | 73222/23350/77002 |
| HIP | * Labral/ligament tear (pre or post op)
 | MR ARTHROGRAM HIP | 73222/27093/77002 |
| KNEE | * Meniscus (post op)
 | MR ARTHROGRAM KNEE | 73222/27370/77002 |
| ANKLE | * Osteochondral Lesion (post op)
 | MR ARTHROGRAM ANKLE | 73222/27648/77002 |

| BODY PART | REASON FOR EXAM | PROCEDURE NAME | CPT CODE |
| --- | --- | --- | --- |
| ABDOMEN | * Abnormal lab values
* Cirrhosis, fatty liver
* Gallstones
* Hepatomegaly
* Jaundice
* Pain (epigastric, ruq, etc)
* Splenomegaly
 | ABDOMEN COMPLETE(Pancreas, liver, gb, kidneys, spleen)ABDOMEN RUQ(Pancreas, liver, gb, right kidney)ABDOMEN LUQ(Spleen, left kidney) | 767007670576705 |
| ABDOMEN/BACK | * Palpable
* Fluid Collection
 | SOFT TISSUE ABDOMEN/TRUNK | 76705 |
| AORTA | * Pulsatile mass
* Aneurysm follow-up
* Bruit
 | ABDOMNAL AORTA | 76775 |
| * No symptoms
* Hx of Tobacco Use
* Family Hx AAA
* HTN
 | AORTA SCREENING | 76706 |
| CAROTID | * Amaurosis fugax
* Aphasia
* Ataxia
* Bruit
* Hemiplegia
* Syncope
* Vision changes
* Vertigo/dizziness
 | CAROTID DOPPLER | 93880 |
| CHEST | * Superficial mass (below the collar bone but not in the breast tissue)
 | CHEST – PLEASE SPECIFY WHICH SIDE | 76604 |
| FEMALE PELVIS | * Abnormal bleeding
* Enlarged uterus
* Fibroids
* Locate IUD
* PCOD
* Pain (located in the pelvis)
* Post menopausal bleeding
* Ovarian cyst
* Irregular cycles
 | PELVIC COMPLETE(Transabdominal only)TRANSVAGINAL (TV only)PELVIC COMPLETE W/TRANSVAGINAL(TA and TV imaging) | 768567683076856 and 76830 |
| KIDNEYS | * Hematuria
* Hydronephrosis
* Renal Failure/disease
* Renal stone
 | RENAL | 76775 |
|  | * Hypertension
* Renal artery aneurysm
* Renal artery stenosis

Renal failure/disease | RENAL ARTERIAL DOPPLER(Includes imaging of the kidneys) | 76775 and93975 |
| KIDNEYS/BLADDER | * Bladder Diverticula
* Hematuria
* Hydronephrosis
* Renal Stone
* Neurogenic Bladder
* UTI
* Urinary Retention
 | RENAL AND BLADDERBLADDER ONLY | 7677076857 |
| SCROTUM/TESTICLES | * Epididymitis
* Hydrocele
* Swelling
* Pain
* Trauma
* Torsion
* Undescended Testicle
* Varicocele
 | SCROTUM W/ DOPPLER | 76870 AND 93975 |
| GROIN | * Pain
* Hernia
 | GROIN (SPECIFY SIDE) | 76882 |
| EXTREMITY | * Palpable
* Fluid Collection
 | EXTREMITY NON-VASCULAR (Specify location) | 76882 |
| VENOUS LOWER/UPPER EXTREMITY | * Calf pain
* DVT follow up
* Edema/swelling
 | VENOUS DOPPLER(Specify upper/lower and laterality) | 93971 (unilateral)93970(bilateral) |
| ARTERIAL LOWER/UPPER EXTREMITY | * Aneurysm
* Stenosis
* Embolism
* Claudication
 | ARTERIAL DUPLEX(Specify upper/lower and laterality | 93931 (unilateral)93930(bilateral) |
| NECK | * Palpable
* Parotid
* Submandibular Node
 | SOFT TISSUE NECK | 76536 |
| THYROID | * Abnormal labs
* Enlarged thyroid
* Hyper/Hypothyroidism
* Mass
 | THYROID | 76536 |