

MRI Reference Chart

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CLINICAL INDICATIONS

SUGGESTED EXAM

Head / Brain

dizziness, headache, stroke weakness, TIA, change in mental status, dementia	MRI BRAIN WITHOUT CONTRAST
tumor, seizure, epilepsy, MS, history of cancer, bells palsy	MRI BRAIN WITH AND WITHOUT CONTRAST
history of brain aneurysm, circle of willis aneurysm, TIA	MRA (MRI ANGIOGRAM) WITHOUT CONTRAST
venous stroke, venous thrombosis	MRV WITH AND WITHOUT CONTRAST

TEMPORAL BONE / ORBITS / PITUITARY

acoustic neuroma, hearing loss, tinnitus, vertigo	MRI BRAIN WITH IAC WITH AND WITHOUT CONTRAST
proptosis, optic neuritis, double vision	MRI ORBITS WITH AND WITHOUT CONTRAST
pituitary adenoma, abnormal prolactin, galactorrhea, cranial nerve protocol	MRI BRAIN WITH AND WITHOUT CONTRAST-PITUITARY PROTOCOL
cranial nerve abnormality, trigeminal neuralgia, bells palsy, facial paresthesia.	MRI BRAIN WITH CRANIAL NERVE WITH AND WITHOUT CONTRAST

NECK / BRACHIAL PLEXUS

brachial neural plexopathy	MRI BRACHIAL PLEXUS WITH AND WITHOUT CONTRAST
carotid stenosis or bruits, history of TIA or stroke	MRA (MRI ANGIOGRAM) WITH AND WITHOUT CONTRAST

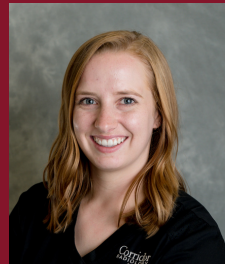
neck pain, radiculopathy, whiplash, compression fracture	MRI C-SPINE WITHOUT CONTRAST
myelopathy, MS, infection, syrinx, spinal tumor, history of cancer	MRI C-SPINE WITH AND WITHOUT CONTRAST MRI T-SPINE WITH AND WITHOUT CONTRAST
mid-back pain, radiculopathy, compression fracture	MRI T-SPINE WITHOUT CONTRAST
low-back pain, spinal stenosis, claudication, radiculopathy, compression fracture	MRI L-SPINE WITHOUT CONTRAST
myelopathy, MS, infection, syrinx, spinal tumor, prior back surgery, bowel and bladder dysfunction, history of cancer	MRI L-SPINE WITH AND WITHOUT CONTRAST



Emily



Mackayla



Emily

MRI Reference Chart

CLINICAL INDICATIONS

SUGGESTED EXAM

Abdomen/Pelvis

possible or known mass of liver, pancreas, kidney, adrenal	MRI ABDOMEN WITH AND WITHOUT CONTRAST
bile duct and pancreatic duct evaluation	MRCP ABDOMEN WITHOUT CONTRAST
biliary obstruction	
pelvic pain, mass, abnormal pelvic ultrasound, gynecologic abnormality	MRI PELVIS WITH AND WITHOUT CONTRAST
pelvic trauma, muscle strain	MRI PELVIS WITHOUT CONTRAST
possible hip/sacral/coccyx fracture, SI joint pain	
renal artery stenosis, mesenteric ischemia	MRA PELVIS WITHOUT CONTRAST

Arms/Legs

deep limb pain, bone pain	MRI (INDICATE AREA OF INTEREST) WITHOUT CONTRAST
infection, neuroma,	MRI (INDICATE AREA OF INTEREST) WITH AND WITHOUT CONTRAST
soft tissue mass, ganglion cyst, osteomyelitis	
cartilage injury, ligament tear, occult fracture, or pain of the	MRI (INDICATE AREA OF INTEREST) WITHOUT CONTRAST
shoulder, elbow, wrist, hand, finger, hip, knee,	*MRI ARTHROGRAM OF SHOULDER
ankle, foot or toe, shoulder labral tear, instability,	
or age less than 40 hip labral tear,	*MRI ARTHROGRAM OF HIP
femoral acetabular impingement	

**arthrogram studies require contrast to be administered intra-articularly (a needle guided into the joint and contrast is injected into the joint). This will require the patient to have a CT-guided injection study first during which the injection will take place followed by an MRI of the area in concern.*

If your patient's clinical indication is not found above, or for any questions, please call and ask to speak with an MRI technologist.



Tricia

Allison



MRI/MRA CPT CODES

BRAIN, IAC'S/SELLA, PITUITARY

70551-without contrast

70552-with contrast

70553-with & without contrast

ORBIT, FACE, NECK

70540-without contrast

70542-with contrast

70543-with and without contrast

70336-TMJ-BILATERAL

CERVICAL SPINE

72141-without contrast

72142-with contrast

72156-with & without contrast

CHEST,CHEST WALL,

CLAVICLE,STERNUM & AXILLA

71550-without contrast

71551-with contrast

71552-with and without contrast

UPPER EXTREMITY, JOINT

(shoulder, elbow, wrist)

73221-without contrast

73222-with contrast

73223-with & without contrast

73222-arthrogram

UPPER EXTREMITY-NON JOINT

(humerus, forearm,hand)

73218-without contrast

73219-with contrast

73220-with and without contrast

THORACIC SPINE

72146-without contrast

72147-with contrast

72157-with and without contrast

LUMBAR SPINE

72148-without contrast

72149-with contrast

72158-with & without contrast

ABDOMEN

74181-without contrast

74182-with contrast

74183-with and without contrast

PELVIS

72195-without contrast

72196-with contrast

72197-with and without contrast

LOWER EXTREMITY, JOINT (hip, knee, ankle)

73721-without contrast

73722-with contrast

73723-with & without contrast

73722- arthrogram

LOWER EXTREMITY, NON JOINT

(thigh,femur,TIB/FIB,
lower leg, foot/toes)

73718-without contrast

73719-with contrast

73720-with & without contrast

70544-MRA head w/o contrast

70546-MRA head w and w/o contrast

70549-MRA carotids/neck w & w/o contrast

74185-MRA abdomen w & w/o contrast

72198-MRA pelvis w & w/o contrast



CT Reference Chart

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CLINICAL INDICATIONS

SUGGESTED EXAM

Head / Brain / Temporal Bone

headaches, head trauma, stroke, bleed, fracture

CT HEAD WITHOUT CONTRAST

intracranial mass, history of cancer, lump on head, soft tissue swelling, seizures
contraindication to brain MRI

CT HEAD WITH AND WITHOUT CONTRAST

mastoiditis, hearing loss, pounding in ear, temporal bone abnormality

CT IAC WITHOUT CONTRAST

acoustic neuroma,
(when patient can't have an MRI)

CT IAC WITH CONTRAST

MAXILLOFACIAL / SINUS / ORBITS

sinusitis, frontal facial pain, headaches, possible facial fracture

CT MAXILLOFACIAL WITHOUT CONTRAST

NECK

neck mass, neck swelling, lymphadenopathy, change in voice, difficulty swallowing

CT NECK WITH CONTRAST

CHEST

lung nodule

CT CHEST WITHOUT CONTRAST

cancer, chest pain, congestion, lung mass

CT CHEST WITH CONTRAST

pulmonary embolism, shortness of breath

CTA CHEST WITH CONTRAST

interstitial lung disease

CT HIGH RESOLUTION WITHOUT CONTRAST

ABDOMEN / PELVIS

kidney stones

CT ABDOMEN / PELVIS WITHOUT CONTRAST

appendicitis, nausea, abdomen or pelvic pain, vomiting, diarrhea, weight loss/gain, cancer staging/follow-up, trauma to abdomen or pelvis

CT ABDOMEN / PELVIS WITH CONTRAST

hematuria, bladder mass

CT IVP WITH AND WITHOUT CONTRAST

liver/kidney/pancreas/

adrenal mass, kidney mass

MULTI-PHASE ABDOMINAL CT WITH AND WITHOUT CONTRAST

AAA, aortic stent, ischemic bowel, renal artery stenosis

CTA ABDOMEN / PELVIS WITH CONTRAST

SPINE

neck pain, cervical spine trauma/fracture

CT CERVICAL SPINE WITHOUT CONTRAST

thoracic spine pain

CT THORACIC SPINE WITHOUT CONTRAST

low back pain

CT LUMBAR SPINE WITHOUT CONTRAST

pelvic fracture

CT PELVIS WITHOUT CONTRAST

back pain- treatment

CT GUIDED EPIDURAL STEROID INJECTION

spinal facet pain-treatment

CT GUIDED FACET INJECTION

back pain from particular nerve-treatment

CT GUIDED SELECTIVE NERVE ROOT INJECTION

ARMS/LEGS

shoulder pain-treatment

CT GUIDED SHOULDER STEROID INJECTION

hip pain-treatment

CT GUIDED HIP STEROID INJECTION

CT CPT CODES

BRAIN

70450-CT head without contrast
70460-CT head with contrast
70470-CT head with & without contrast
70496-CTA head

ORBIT, FACE, NECK

70480-CT IAC without contrast
70481-CT IAC with contrast
70482-CT IAC-with and without contrast
70486-CT maxillofacial without contrast
70487-CT maxillofacial with contrast
70488-CT maxillofacial w/ and w/o contrast
70490-CT soft tissue neck without contrast
70491-CT soft tissue neck with contrast
70492-CT soft tissue neck w/ and w/o contrast
70498-CTA neck

CERVICAL SPINE

72125-cervical spine without contrast
72126-cervical spine with contrast
72127-cervical spine with & without contrast

CHEST

71275-chest CTA with contrast
71275-chest CT with contrast-PE protocol
71250-CT thorax without contrast
71260-CT thorax with contrast
71270-CT thorax with and without contrast

UPPER EXTREMITY

73200-CT upper extremity without contrast
73201-CT upper extremity with contrast
73202-CT upper extremity w/ and w/o contrast
73206-CTA upper extremity w/ & w/o contrast

THORACIC SPINE

72128-CT thoracic spine without contrast
72129-CT thoracic spine with contrast
72130-CT thoracic spine w/ and w/o contrast

LUMBAR SPINE

72131-CT lumbar without contrast
72132-CT lumbar with contrast
72133-CT lumbar with & without contrast

ABDOMEN

74150-CT abdomen without contrast
74160-CT abdomen with contrast
74170-CT abdomen with and without contrast
(aka renal protocol)
74175-CTA abdomen w/ and w/o contrast

PELVIS

72191-CTA pelvis with and without contrast
72192-CT pelvis without contrast
72193-CT pelvis with contrast
72194-CT pelvis with and without contrast

ABDOMEN/PELVIS

74176-AB/pelvic without contrast
74178-AB/pelvic w/ and w/o contrast
(aka VP protocol)
74177-AB/pelvic with contrast

LOWER EXTREMITY

73700-CT lower extremity without contrast
73701-CT lower extremity with contrast
73702-CT lower extremity w/ & w/o contrast
73706-CTA lower extremity w/ & w/o contrast

OTHER

77011-CT guidance for stereotactic localization
77012-CT guided needle biopsy S&I
76376-3D rendering interpretation of CT
76377-3D rendering interpretation of CT on independent work station

