MRI

For all W/WO exams: Patient will be given an IV for Gadolinium contrast injection. Patient may have a blood draw to check for creatinine. The MRI department does not need an order for creatinine. This is a standing order per protocol.

Exam Ordered	*Patient Position*	*Length of Scan*	*W/WO*	*WO*	*Exam Information*	Diagnosis
Abdomen	Feet First	25-30 mins	74183	74181 *Adrenals, otherwise prefer to do W/WO	*Patient must be able to hold breath for 20 seconds. Patient will need to fast and eat a fat free meal the previous day, with be 6hrs NPO *__Upper abdomen only__, please specify __Liver, Renal/Adrenal, or Pancreas (MRCP)__ protocol on order*	*Cirrhosis *Abnormal Labs *Liver Lesions *Renal Carcinoma *Pancreatic lesion *CBD Dilitation *Genetic susceptibility
MRCP(Abdomen) with SECRETIN	Feet First	35-40 mins	74183	Prefer to do W/WO	Same as abdomen except fasting for 12 hours. Only done between 8-4. *must state "with secretin" on order*	*Chronic pancreatitis *Pancreatic duct stenosis *Exocrine pancreatic insufficiency *Pancreas divisum
Cancer Surveillance (abd & pelvis)	Feet First	45-50 mins	72197 & 74183	NA	*Patient must be able to hold breath; Patient will need to fast and eat a fat free meal the previous day, will be 6hrs NPO	*Post HIPEC *Appy Cancer *Surveillance of Abdomen CA
Enterography (abd & pelvis)	Feet First	30-35 mins	72197 & 74183	NA	*Patient must be able to hold breath for 20 seconds. Patient will arrive 1 hour and 15min prior to table time. Patient must be NPO 8 hours prior to exam. PT must be able to drink 1500 ml of oral contrast. Patient will be given glucagon injection (unless diabetic).	*IBS *Crohns Disease *Constipation

Head	Head First	25-30 mins	70553	70551 for r/o cva	*Please specify to scheduling and on order if protocol for **Pituitary**, **IAC'S** or **Trigeminal** is needed. If brain and IAC's, need two orders.	*Headaches *Trauma *Confusion *Seizures
Breast(order bilateral)	Feet First	20-25 mins	77049	77047-Only for Implant Rupture Eval	*Needs contrast for high risk/cancer eval, otherwise not diagnostic *Patient prone on table	*Family Hx *Breast Cancer *High Risk
Breast Biopsy	Feet First	30 mins	19085	NA	*Patient can eat, drink, and take meds prior *Patient prone on table	*Recommended by Radiologist from previous scans
Chest w/wo soft tissue	Feet or Head depending on Area of Interest	45-60 mins	71552	71550 *order for brachial plexus	*focuses on specific portion of chest. Ex: Clavicle, Pectoralis Muscle…	*Brachial Plexus *Pectoralis Major tear *Clavicle mass *Sternum mass *Chest wall mass
Face/Neck	Head First	25-30 mins	70543	Prefer to do W/WO	*Evaluates soft tissue around face or neck area. Not to be used when wanting to see cervical spine.	*Neck mass *Tongue CA *Parotid mass
Orbits	Head First	25-30 mins	70543	Prefer to do W/WO	Scan includes orbits and optic nerve. Must order brain separately if wanting whole brain as well.	*Orbit nerve mass *Vision problems
Lower Extremity NON Joint(femur,tibfib,foot)	Feet First	25-30 mins	73720	73718	*W/WO only used when there is a mass or lesion. Contrast not necessary when evaluating osteo in extremities.	*Mass in area *Pain in area *Abnormal imaging
Lower Extremity Jt.(hip, knee, ankle)	Feet First	20-30 mins	73723	73721	*W/WO only used when there is a mass or lesion. Contrast not necessary when evaluating osteo in extremities.	*Mass in area *Pain in area *Abnormal imaging

Pelvis(Sacrum or bony pelvis)	Feet First	20-30 mins	72197	72195	*W/WO when evaluating for mass, lesion, or cancer.	*Sacral pain *Abnormal imaging *Pelvic pain
Pelvis (Female/Rectal/Anal Cancer)	Feet First	30-35 mins	72197	Prefer to do W/WO	*May involve inserting US gel into rectum and/or vagina. Order must state gel if needed. *All rectal/anal/cervical cancer need to be with gel.	*Uterine, Cervical and or Rectal mass *Abnormal imaging *Ovarian cyst
Female Pelvis is ordered to examine Ovaries, Uterus, and Cervix. Small FOV used and does NOT include entire Pelvis *Bony Pelvis includes both bone and soft tissue of pelvis. FOV is large-small anatomy is not well visualized*						
Cervical Spine	Head First	20-25 mins	72156	72141	*W/WO if patient had posterior fusion, mass, metastatic disease, infection, or MS.	*Neck pain *Extremity numbness
Thoracic Spine	Head First	20-25 mins	72157	72146	*W/WO if patient had posterior fusion, mass, metastatic disease, infection, or MS.	*Mid-back pain *Abnormal imaging
Lumbar Spine	Feet First	20-25 mins	72158	72148	*W/WO if patient had posterior fusion, mass, metastatic disease, infection, or MS.	*Back pain *Radiculopathy *Leg numbness
Upper Ext NON Jt. (humerus, forearm, hand, finger, thumb)	Head First	30-35 mins	73220	73218	*W/WO only used when there is a mass or lesion. Contrast not necessary when evaluating osteo in extremities.	*Mass in area *Pain in area *Abnormal imaging
Upper Ext Jt. (shoulder, elbow, wrist)	Head First	25-35 mins	73223	73221	*W/WO only used when there is a mass or lesion. Contrast not necessary when evaluating osteo in extremities.	*Mass in area *Pain in area *Abnormal imaging

Lower Ext Jt. Arthro	Feet First	25-30 mins	73722 with only	NA	See IR codes for Arthrogram procedure at the bottom of the page.	*Issues following sx in area *TFCC tears *Pain in joint *Labral tears
Upper Ext. Jt. Arthro	Head First	25-30 mins	73222 with only	NA	See IR codes for Arthrogram procedure at the bottom of the page.	
MR Angiography						
Exam Ordered			***W/WO***	***WO***	***Exam Information***	
MRA or MRV Head	Head First	15-20 mins	70546	70544 preferred	*Order must state Venous or Arterial. *This is one code for 2 different exams. *Only do W/WO if patient has brain coils or radiologist recommends.	*Family Hx of aneurysm *Headache *Hx of aneurysm
MRA Carotids	Head First	30 mins	NA	70547	*Only done WO and at the hospital. *No caffeine or stimulants for 12 hours. *No erectile dysfuntion medications 48 hours prior. *No Excedrin 12 hours prior.	*Abnormal imaging *Hx of carotid stenosis *Hx of stroke
MRA Chest	Head First	30 mins	NA	71555	*Only done WO and at the hospital. *No caffeine or stimulants for 12 hours. *No erectile dysfuntion medications 48 hours prior. *No Excedrin 12 hours prior.	*Personal hx of Aortic aneursym *Hx of aortic dissection

MRA Abdomen	FeetFirst	30 mins	NA	74185	*Only done WO and at the hospital. *No caffeine or stimulants for 12 hours. *No erectile dysfuntion medications 48 hours prior. *No Excedrin 12 hours prior.	*Uncontrolled HBP *Renal artery stenosis
Arthrograms						
Shoulder	Head First	25-30 mins	CPT 23350		Add LT or RT depending on Left or Right	*Issues following sx in area *TFCC tears *Pain in joint *Labral tears
Elbow	Head or Feet First.	25-30 mins	CPT 24220		Add LT or RT depending on Left or Right	
Wrist	Head or Feet First.	25-30 mins	CPT 25246		Add LT or RT depending on Left or Right	
Hip	Feet First	25-30 mins	CPT 27093		Add LT or RT depending on Left or Right	
Knee	Feet First	25-30 mins	CPT 27370		Add LT or RT depending on Left or Right	
Ankle	Feet First	25-30 mins	CPT 27648		Add LT or RT depending on Left or Right	
PACEMAKER-APPROVED ONLY BY MRI&NOTES BE FAXED BEFORE Appt.					Patient will arrive 1 hours prior to scan.	

* All cardiac stents, IVC filters, and heart valve replacements are MRI safe.

* **Pacemakers, defibrillators, stimulators, pain pumps, penile implants, shunts, aneurysm clips, and brain sx must be evaluated and approved by MRI department prior to scheduling/scanning.**

* If patients have ever had metal stuck in their eye and did NOT have it removed by a physician, they will need to have an x-ray of their orbits.
  they will need to have an x-ray of their orbits.
* If patient has had previous comparable exam at another facility, we need the images and reports
  before the patient's exam. This is also true if the patient had surgery to area of interest.

*** Pediatric - prefer to start without contrast unless evaluating known mass, prior study recommended, or ordered by specialist.**
Can add contrast in additional study if further evaluation is warranted.

Sedations: PT OK to take pain meds/**Don't take diabetic meds--Nothing to eat 8 hours prior**
Order must state "with sedation". Imaging RN and radiologist will determine if oral or IV. This is anxiolysis only, not minimal sedation.