



Protocol: Brain MRA w gad

Adult Neuro Department

Charge: 8224

Time Out

- Patient ID verified with two identifiers/ Wristband
- All required screening forms completed and signed
- Verify correct Patient and exam on scanner and RIS
- Correct Protocol confirmed
- Ordered under correct dept. (i.e. MBV, MKM, etc)
- Images Sent
- Confirm Patient tracked in RIS and ICD-9 Coded

Tech Hand Off

- Confirm Patient, exam, and special instructions
- Relay info such as location of Pt. family/ valuables

Technologist Signature/ Date and Time

Contrast : 0.1 mmol/kg of contrast

Agent:

Dose (cc):

Comments

Patient Identification:

Accession #:

Scanning
Technologist:

Reviewing
Radiologist:

Protocol Information

Plane	Sequence name	Vendor name
1. 3-Plane	Scout	Gre
2. Sagittal	T1 Sag	tse
3. Axial	T2 Flair Ax	t2 dark-fluid
4. Axial	MRA cow	3d_tof
5. Axial	Diff	epse
6. Axial	SWI (Hemosiderin)	swi if needed

- Contrast bolus 1x dose: 1 cc / sec

7. Axial	T2 Ax	tse w/ FS
8. Axial	T1 Ax Post	tse
9. Coronal	T1 Coro Post	tse w/FS

*****Notes*****

*Immobilize Head with sponges/tape.

*8 channel coil over 4 channel when possible.

*Pay attention to various obliques need to get True Ax/Sag/Cor images.

*At 3T use T1 flash or T1 FLAIR

*Do not use T1 FLAIR post gad

*At 1.5Tesla, only use iPAT/SENSE on EPI sequences.

*COMMUNICATE with your patient if possible.