

CT Department Work Flow Tip Exam: Brain Perfusion

QDOC Exam Codes Possible: [CCEP-+](#)

No Protocol Required(see last slide)

Systems: 64 slice to 256 slice

Protocol Location:

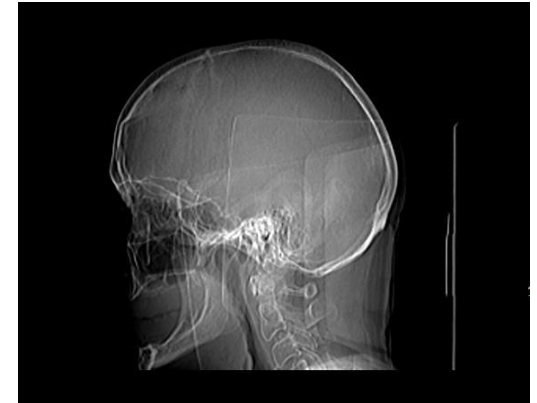


Exam:

BRAIN PERFUSION

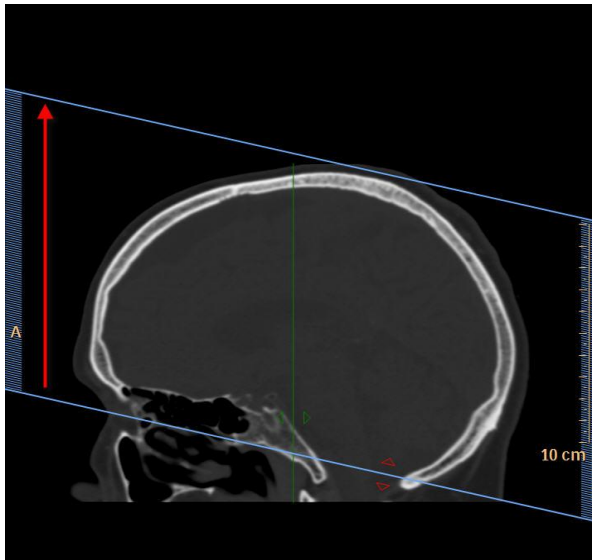


- 1. Scout: Dual 275 – 300mm
Breath Hold: None
- 2. Head W/O: 5mm x 5mm
- 3. Perfusion(**injection**): 5mm x 10mm x 30(4cm of coverage on 64 and 128slice)
5mm x 10mm x 30(8cm of coverage on 256slice)
- 4. IV access: 18g -20g
- 5. PO Prep: None
- 6. Contrast: 40mL Omnipaque IV (iohexol 300 mgI/mL) 64slice
- 7. Contrast Rate: 5.0cc per sec.
- 8. Contrast delay: **This isn't a SAS capable protocol, the injection and acquisition have to be started simultaneously. If possible to Position the head with the chin down on the ICT since tilt isn't possible to avoid the eyes as much as possible.**

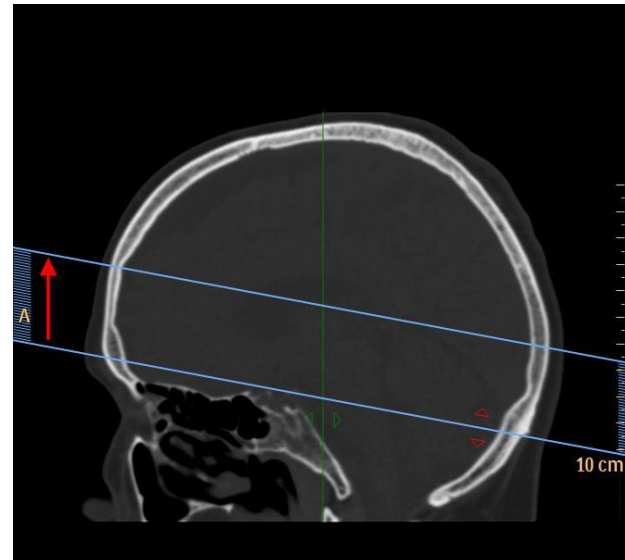


Scout

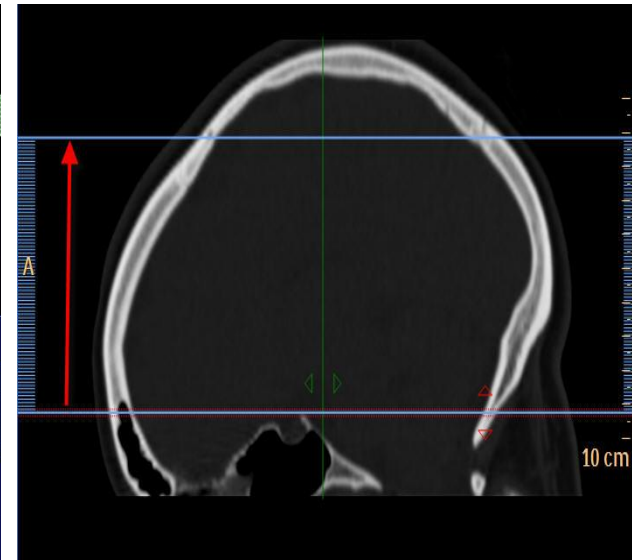
Head W/O



64 slice Perfusion



256 slice Perfusion



- **Prep:** [Contrast Questionnaire](#) and [Current Labs](#) Needed.
- Complete exam in QDOC

Billing: Contrast

If you draw labs bill venipuncture, bun and creatine (CHH only bill venipuncture).

- For In-Patients Order and MAR all contrast once given.
- **Per Department Protocol Perfusion need not be Protocolled, but they do need to be assigned and routed back to reading radiologist so as to approve of Contrast being given.**
- If there are any questions about Questionnaire, prep, IV Contrast, or Protocol contact the Protocoling Rad.