
Diagnostic Services – Radiology

SUBJECT/TITLE: University of Iowa Contrast protocol for CTA Brain & Cerebral Perfusion and CT Brain, CTA Brain and Cerebral Perfusion.

I. PURPOSE:

- A. Protocol for injection of IV contrast media

II. CLINICAL ASSESSMENT/SCREENING:

- A. Contraindications: elevated Creatinine or GFR
- B. Previous adverse reactions to contrast media
- C. Clinical Indications for exam: stroke symptoms, follow up treatment, aneurysm, vasospasm, atherosclerotic disease and evaluate blood flow to the brain
- D. NPO, 18 gauge Peripheral Ante cube IV or 20 g. Diffusics is required.

III. DETAILS OF ORDER: The technologist will place an order in the MAR using the order mode “per protocol” :

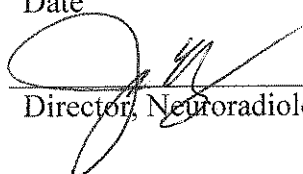
- A. iopamidol 370mg l/ml (Isovue 370) 40ml IV pushed at 8ml/sec by power injector, followed 50ml of 0.9% NaCl (saline) IV pushed 8ml/sec by power injector. All relevant details necessary to complete order (i.e., dose, route and frequency for medications):

IV. DOCUMENTATION:

- A. Staff utilizing protocol must document the contrast media order in the MAR
- B. Staff will document the contrast administration in the Radiology order questions.


V. APPROVED BY:

7/23/18

Date


Director, Neuroradiology Division

7-20-2018

Date


Manager, CT

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