Policy and Procedure Manual

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:

Date
7/23/18
Director, Neuroradiology Division

Date
7-20-2018
Manager, CT

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