University of Iowa Contrast Policy for Adult Patients Receiving CT Abdomen and Pelvis: Bladder cancer

I. Purpose
Allow radiology technologist to order and administer IV contrast media

A. Target patient population: patients scheduled for a CT abdomen and pelvis
B. Criteria:
   - History of bladder cancer
   - Urologist has strong suspicion of bladder cancer
   - Bladder tumor

II. Clinical Assessment/ Screening

A. Allergies: iodinated based contrast media
B. Contraindications:
   - estimated glomerular filtration rate (eGFR) less than 30 mL/min
   - pregnancy or suspected pregnancy
   - patient has previous adverse drug reaction and has not received pre-medications
C. Previous adverse reactions to iodinated contrast media: The ordering provider must place premedication order as outlined in Intravenous and Intraosseous Contrast Administration Policy DS-R-05.53
D. The pre-contrast-administration checks should be performed as outlined in Intravenous and Intraosseous Contrast Administration Policy DS-R-05.53
E. 22 gauge Peripheral Ante cube IV or 24g. Diffusics is required

III. Details of order:
A. 22g or larger or 24g Diffusics peripheral IV must be placed.
B. The radiology technologist will place an order in the patient’s EHR using the order mode “per protocol.”
   1. The technologist will choose the appropriate protocol from the Radiology protocol list:
      - Body=>CT Abdomen/Pelvis (Follow Up Bladder Cancer)
      - Body=>CT chest/abdomen/pelvis (Follow up Bladder Cancer)
2. Subsequently, the order for contrast media will be placed: Iopamidol 370 mg I/mL (Isovue-370)
   - Patient weight less than 150 lb:
     - 1 ml per pound of iopamidol 370 mg I/ml (Isovue -370) given by IV push at 3 ml/sec by power injector
   - Patient weight of 150 lb. or greater:
     - 150 ml of iopamidol 370 mg I/ml (Isovue -370) given by IV push at 3 ml/sec by power injector

IV. Documentation

A. Staff utilizing protocol must document an order to initiate the protocol in the patient’s medical record per PC-PCI-05.53.
B. Assigned protocol will be documented on the Radiology order for the procedure.
C. Staff will document the contrast administration in the Radiology order questions.

V. References
*Intravenous and Intraosseous Contrast Administration Policy DS-R-05.53*

VI. Approved by:

Date: 6/4/2019
Date: 6/4/2019

Director: CT Body Imaging Division
Manager, CT.

Date created: 4-17-19
Source: Department of Radiology
Date approved:
Date effective:
Date revised:
Date reviewed: