
Diagnostic Services-Radiology

SUBJECT/TITLE: 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


Iopamidol injection (Isovue -200, -250, -300, -370). Monroe Township, NJ: Bracco Diagnostics Inc. 2017 Apr.

[Intravenous and Intraosseous Contrast Administration Policy DS-R-05.53](#)

VI. Approved by:

6/4/2019


Date



Director: CT Body Imaging Division

6/4/2019

Date



Manager, CT

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