Diagnostic Services-Radiology

SUBJECT/TITLE:
Protocol for Adult
CT abdomen and pelvis trauma with delays (cysto)
CT abdomen/Pelvis Trauma w/o delays
CT chest, abdomen and pelvis without delays
CT chest, abdomen and pelvis with delays
all of which can be done with or without IV contrast media

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: Patient that has received some type of acute abdominal trauma

II. Clinical Assessment/Screening
A. Allergies: iodinated contrast media
B. Contraindications
   • estimated glomuler 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. If cystogram is requested, a Foley catheter must be placed into the bladder
C. The radiology technologist will place an order in the patient’s EHR using the order mode “per protocol.”
   1. The technologist will protocol the exam on the Radiology protocol list using the order mode “per protocol” choosing the appropriate protocol from the protocol list
• Body=> CT Abdomen/Pelvis Trauma w delays (Cysto)
• Body=> CT Abdomen/Pelvis Trauma w/o delays
• Body=>CT Chest/Abdomen/Pelvis w delays
• Body=>CT Chest/Abdomen/Pelvis (Trauma) w/o delays

2. Subsequently, the order for contrast media will be placed: Iopamidol 370 mg I/mL (Isovue-370)
   a. Force scanner:
      • 100 ml iopamidol 370 mg I/ml (Isovue-370) given by IV push at 3 ml/sec by power injector
   b. 128 slice scanner:
      • Patient weights 250 lbs or less:
         o 100 ml iopamidol 370 mg I/ml (Isovue-370)
      • Patient weighs 250 lbs. or greater:
         o 125 ml iopamidol 370 mg I/ml (Isovue-370) given by IV push at 3 ml/sec by power injector
   c. If Using Foot IV:
      • Patient weight 250 lbs or less:
         o Utilize dual syringe
         o 100 ml iopamidol 370mg I/ml (Isovue 370) given at 3 ml/second by power injector.
         o Followed by NaCl 0.9% (saline) 40 ml by IV push at 3 ml/second by power injector
      • Patient weight 250 lbs or greater:
         o Utilize dual syringe
         o 125 ml given by IV push at 3 ml/second by power injector
         o Followed by NaCl 0.9% (saline) 40 ml by IV push at 3 ml/second 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

IV. Approved by: