

- I. **Equipment** *(May vary between sites)*
 - a. Contrast
 - i. Discuss with Radiologist prior to exam *(dilution may be required if CT to follow)*
 - b. Syringe
 - c. Long extension tubing
 - d. Catheter *(examine fistula to determine catheter size)*
 - e. Sterile 4x4 gauze

- II. **Personnel**
 - a. Radiologist/RA
 - i. Responsible for administering contrast and taking spot images
 - b. Hospital Technologist
 - i. Prints order for radiologist/RA review
 - ii. Documents patient history and pregnancy status prior to exam
 - iii. Assists the radiologist or fluoroscopy technologist during procedure
 - iv. Provides patient and floor nurse with aftercare instructions

- III. **Procedure**
 - a. Review patient history and contrast preference with a radiologist prior to exam
 - b. Scout KUB
 - c. Cannulate fistula with size appropriate catheter
 - d. Under fluoroscopic guidance gently inject contrast and capture spot images
 - e. Review images with a radiologist *(CT may be performed subsequent to fistulography for additional characterization of the fistula)*

- IV. **Required Images**
 - a. Scout
 - b. Fluoro spot images of contrast injection
 - c. KUB

- V. **Special Considerations**
 - a. Follow contrast allergy protocol

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Role:	Physician Supervisor, RIA Fluoroscopy Technologists