Fluoroscopy Protocol

Voiding Cystourethrogram-Female

Fluoro Time Target Limit- 2.5

Scheduling and Prep:
* There is no prep for this exam
* Patient must fill out a contrast questionnaire
* Patient should empty bladder before exam

Supplies:
* Cystografin or Cysto-Conray II or equivalent
* Absorbent sheet/pad
* Foley catheter kit *Foley Catheter-Appropriate size for the patient
* 5cc syringe to inflate Foley balloon *Bed pan *Sterile gloves
* Extension tubing *Anatomical marker
* 13mm Tablet- if your machine does not have built-in measuring capabilities

Room Prep:
* Place absorbent sheet on table top
* Position anatomical marker to ensure it will be visible on each image
* Prepare sterile catheterization kit
* Hang contrast from IV pole and spike with extension tubing
* Flush air from the tubing.

Procedure:
* Take a scout KUB. Use anatomical marker and Scout marker.
* Catheterize the patient using sterile technique.
* Allow contrast to flow into the bladder until the patient feels very full
  (This will vary from patient to patient)
* Once the bladder is full, clamp the tubing to stop the flow of contrast.
Spot Images:
1. AP of full bladder - document amount of contrast used on this image, in lower left or right corner.
2. Right oblique bladder
3. Left oblique bladder
4. Left lateral bladder

*Place a bed pan under patient, remove the catheter, and ask the patient to urinate with a forceful stream

**While the patient is voiding, look for any urinary reflux

5. Right kidney spot image
6. Left kidney spot image

*Document any urinary reflux seen and label it as “Reflux“ and with an up arrow.

7. Take 1 to 2 images or hold images of the patient voiding to demonstrate the contrast filled urethra.

8. Post void spot- after patient feels empty. You may need to allow patient to finish emptying their bladder in restroom.

**Be sure to flip the lateral correctly and that all images are labelled. Scout, Right, Left, Reﬂux, Post Void image, and amount of contrast used (on full bladder image)

** These are the minimum images needed to demonstrate the proper Anatomy for this exam. When deemed necessary, more images May be taken to demonstrate pathology or for other reasons.

**Care should be taken to minimize patient and technologist exposure

Reviewed and Revised March 11, 2019