



Fluoroscopy Protocol
Voiding Cystourethrogram-VCUG-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 (Flip this image after exam)

*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

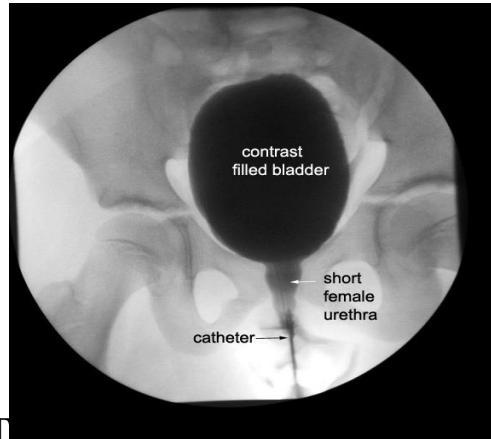
*Document any urinary reflux seen and label it as “Reflux “and with an up arrow.

7. Take 1 to 2 images or hold images of the patient voiding to demonstrate the contrast filled urethra. Do not use rapid imaging.
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)

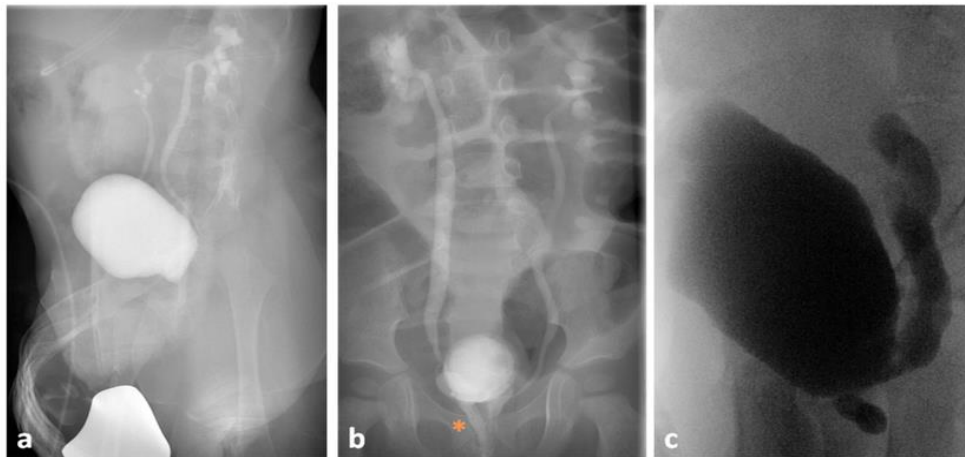
** These are the minimum images needed to demonstrate the proper Anatomy for this exam. When deemed necessary, more images May be taken to demonstrate pathology or for other reasons.

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



RT

VESICoureTERAL REFLUX



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Reviewed: January 23, 2024