

BLADDER SCAN

Patient Prep:

Begin drinking water 2 hours prior to exam and finishing 1 hour prior to exam.

Volume based on age:

2-6 years: 16 oz.

7-12 years: 24 oz.

>12 years: 32 oz.

DO NOT EMPTY BLADDER PRIOR TO EXAM.

Survey:

Perform a real time survey of the Bladder.

Image Documentation:

Each image must be labeled with the patient's full name, medical record number, accession number, initials of the imaging technologist, organ/area identification, scanning plane and patient orientation if different from supine.

BLADDER

Longitudinal Plane Image

1. Midline
2. Right of midline
3. Left of Midline

Transverse Plane Image

1. Superior
2. Mid
3. Inferior

Measure AP (anterior-posterior) thickness of bladder wall.

Images should demonstrate maximum distention and wall definition.

If a bladder diverticulum is noted provide post void bladder images also.

POST VOID RESIDUAL BLADDER

Pre Void:

Image the maximum distention in the longitudinal axis. Measure the length and depth.

Image the maximum distention in the transverse axis. Measure the width.

Post Void:

After the patient voids, repeat the above steps. If the bladder is completely empty image a long and transverse axis view for documentation. Annotate Bladder Empty on these images.

Volume formula Length x Depth x Width x 0.52

PATHOLOGY

Document all pathology or any abnormalities in a minimum of two scanning planes. Images with and without measurements should be taken of these areas along with documentation of blood flow with color flow and/or Doppler.

All color Doppler images should be with and without color.

All measurement images should be with and without measurement.

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