



# Case Study Submission Requirements: Urologic Ultrasound

➤ Refer to the *Accreditation Application Manual* for [additional case study submission requirements](#).

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*The following types of cases are not acceptable for submission:*

- *Doppler studies*
  - *studies performed on automated bladder scanners*
  - *studies in which a patient has had a nephrectomy or orchiectomy*
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## From the main site:

- submit 4 diagnostic urologic case studies with their corresponding final reports in the areas most commonly performed by the practice

## From each additional site or mobile unit:

- submit 1 diagnostic urologic case study with its corresponding final report

# Urologic Ultrasound Imaging Checklists

## Scrotal

### Labeled images of the following:

- 1. Comparison of echogenicity and size of testes
- 2. Scrotal skin thickness demonstrated (measure if abnormal)
- 3. Extratesticular masses demonstrated, if applicable
- 4. Extratesticular fluid collections demonstrated, if applicable

### RIGHT HEMISCROTUM

- 5. Transverse superior view of RIGHT testis
- 6. Transverse midportion view of RIGHT testis (measure if abnormal)
- 7. Transverse inferior view of RIGHT testis
- 8. Longitudinal lateral view of RIGHT testis
- 9. Longitudinal midportion view of RIGHT testis (measure if abnormal)
- 10. Longitudinal medial view of RIGHT testis
- 11. RIGHT epididymis

### LEFT HEMISCROTUM

- 12. Transverse superior view of LEFT testis
- 13. Transverse midportion view of LEFT testis (measure if abnormal)
- 14. Transverse inferior view of LEFT testis
- 15. Longitudinal lateral view of LEFT testis
- 16. Longitudinal midportion view of LEFT testis (measure if abnormal)
- 17. Longitudinal medial view of LEFT testis
- 18. LEFT epididymis

### ABNORMALITIES

- 19. If abnormality seen, appropriate measurements obtained

### TESTICULAR TORSION

- 20. If ruling out testicular torsion – flow in symptomatic side compared to asymptomatic side using color and/or spectral Doppler

# Urologic Ultrasound Imaging Checklists

## Limited Pelvic

### Labeled images of the following:

#### BLADDER

- 1. Mid-transverse view of the bladder (with AP and width measurements, if indicated)
- 2. Mid-sagittal view of the bladder (with length measurement, if indicated)
- 3. Measurement of bladder wall thickness (if indicated)
- 4. Calculated bladder volume or post void residual, if indicated
- 5. Appropriate views of abnormalities, if applicable

#### PROSTATE

- 6. Longitudinal views of prostate
- 7. Coronal / axial views of prostate
- 8. Volume estimate based on measurements in 3 orthogonal planes
- 9. Appropriate views of abnormalities, if applicable

## Bladder

### Labeled images of the following:

- 1. Mid-transverse view of the bladder (with AP and width measurements, if indicated)
- 2. Mid-sagittal view of the bladder (with length measurement, if indicated)
- 3. Measurement of bladder wall thickness, if indicated
- 4. Calculated bladder volume or post void residual, if indicated
- 5. Appropriate views of bladder abnormalities, if applicable

## Prostate

**Note: Exam must be performed transrectally.**

### Labeled images of the following:

- 1. Longitudinal views of prostate
- 2. Coronal / axial views from apex to base of prostate
- 3. Volume estimate based on measurements in 3 orthogonal planes
- 4. Prostatic urethra, when possible
- 5. Periprostatic tissues
- 6. Size, shape, and symmetry of seminal vesicles
- 7. Vasa deferentia (if indicated)
- 8. Appropriate views of abnormalities, if applicable

# Urologic Ultrasound Imaging Checklists

## Renal

### Labeled images of the following:

#### RIGHT KIDNEY

- 1. Longitudinal views (medial, mid, lateral) of RIGHT kidney (including length measurement)
- 2. Transverse views of upper pole, renal pelvis, and lower pole of RIGHT kidney
- 3. Liver / RIGHT kidney (if possible)

#### LEFT KIDNEY

- 4. Longitudinal views (medial, mid, lateral) of LEFT kidney (including length measurement)
- 5. Transverse views of upper pole, renal pelvis, and lower pole of LEFT kidney
- 6. Spleen / LEFT kidney (if possible)

#### ABNORMALITIES

- 7. Appropriate views of abnormalities, if applicable

## Penile / Urethral

### Labeled images of the following:

#### URETHRA

- 1. Longitudinal views of urethra
- 2. Transverse views of urethra

#### PHALLUS

- 3. Longitudinal views of the external portion of the phallus (includes views of the right and left corpora cavernosa and the cavernosal artery)
- 4. Transverse images in the proximal, mid and distal portions of the external portion of the phallus
- 5. Size and echogenicity of each corpus cavernosum compared to contralateral side

#### CORPORAL VASCULATURE (*if indicated*):

- 6. Vascular integrity documented with color and spectral Doppler, before and after pharmacostimulation
- 7. Appropriate spectral Doppler angle of incidence
- 8. PSV and EDV measured with at least 3 equal peaks and troughs present
- 9. Vascular integrity documented at discrete time intervals

#### ABNORMALITIES

- 10. Appropriate views of abnormalities, if applicable