Case Study Submission Requirements: Abdominal/General Ultrasound

(may include small parts and/or MSK)

- All cases must follow the General Requirements for the Submission of Case Studies.

- All cases must include a finalized corresponding report. For reporting criteria, refer to the Documentation Practice Parameter.

- For the purpose of accreditation, all anatomy must be appropriately labeled (for example – LONG RT KID MEDIAL).

Breast, peripheral vascular, obstetric, or gynecologic sonograms should not be submitted as a part of the Abdominal/General specialty.

Cases in which a patient has had a thyroidectomy, nephrectomy, or orchiectomy are not acceptable for submission.

From the main site:

- submit 2 complete abdominal case studies with their corresponding final reports, and

- 2 additional cases with corresponding final reports of organs/systems frequently performed by the practice (for example, thyroid or renal)

From each additional site or mobile unit:

- submit 1 complete abdominal case study with its corresponding final report
Abdominal/General Imaging Checklists

- All cases must include a finalized corresponding report. For reporting criteria, refer to the Documentation Practice Parameter.

- For the purpose of accreditation, all anatomy must be appropriately labeled (for example – LONG RT KID MEDIAL).

### Complete Abdomen

Labeled images of the following:

#### LIVER

- 1. Longitudinal views demonstrating the right, left, and caudate lobes of the liver
- 2. Transverse views demonstrating the right, left, and caudate lobes of the liver
- 3. Liver / right kidney view
- 4. Right hemidiaphragm
- 5. IVC / liver view
- 6. Hepatic veins
- 7. Main portal vein
- 8. Left and right portal veins

#### GALLBLADDER & BILIARY TRACT

- 9. Longitudinal views of gallbladder
- 10. Transverse views of gallbladder
- 11. Intrahepatic bile ducts demonstrated at the level of the main, right, and left portal veins
- 12. Extrahepatic bile duct measurement

#### PANCREAS

- 13. Pancreatic head
- 14. Distal common bile duct in the region of the pancreatic head
- 15. Pancreatic body and pancreatic duct
- 16. Pancreatic tail
- 17. Peripancreatic region to rule out adenopathy and fluid

#### SPLEEN

- 18. Longitudinal views of the spleen
- 19. Transverse views of the spleen
- 20. Spleen / left hemidiaphragm
- 21. Spleen / left kidney

#### KIDNEYS

- 22. Longitudinal views (medial, mid, lateral) of RIGHT kidney including length measurement
- 23. Transverse views of upper pole, renal pelvis, and lower pole of RIGHT kidney
- 24. Longitudinal views (medial, mid, lateral) of LEFT kidney including length measurement
- 25. Transverse views of upper pole, renal pelvis, and lower pole of LEFT kidney

#### AORTA AND INFERIOR VENA CAVA

- 26. Representative longitudinal and transverse views of aorta
- 27. Representative longitudinal and transverse views of IVC
## 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

## Prostate

**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)
## Abdominal/General Imaging Checklists

### Abdomen: RUQ

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# Abdominal/General Imaging Checklists

## Abdominal Aorta

**Labeled images of the following:**

- ☐ 1. Longitudinal view with AP measurement of proximal aorta
- ☐ 2. Longitudinal view with AP measurement of mid aorta
- ☐ 3. Longitudinal view with AP measurement of distal aorta
- ☐ 4. Longitudinal view with AP measurements of RIGHT common iliac artery
- ☐ 5. Longitudinal view with AP measurements of LEFT common iliac artery
- ☐ 6. Transverse view of proximal aorta (near diaphragm)
- ☐ 7. Transverse view of mid aorta
- ☐ 8. Transverse view of distal aorta
- ☐ 9. Transverse view of common iliac arteries at the bifurcation
- ☐ 10. Aneurysmal dilatation measured in AP and transverse, if applicable
- ☐ 11. Relationship of aneurysm to renal arteries, if applicable

## Liver

**Labeled images of the following:**

- ☐ 1. Longitudinal views of the right, left, and caudate lobes
- ☐ 2. Transverse views of the right, left, and caudate lobes
- ☐ 3. Liver / RIGHT kidney
- ☐ 4. RIGHT hemidiaphragm
- ☐ 5. IVC / liver
- ☐ 6. Hepatic veins
- ☐ 7. Main portal vein
- ☐ 8. Left and right portal veins
- ☐ 9. Representative longitudinal and transverse views of gallbladder
- ☐ 10. Extrahepatic bile duct measurement

## 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

**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

**BLADDER**

- ☐ 7. Appropriate views of bladder
# Thyroid / Parathyroid

## Labeled images of the following:

### RIGHT LOBE

- ☐ 1. Transverse superior portion of RIGHT lobe
- ☐ 2. Transverse midportion of RIGHT lobe
- ☐ 3. Transverse inferior portion of RIGHT lobe
- ☐ 4. Longitudinal medial portion of RIGHT lobe
- ☐ 5. Longitudinal midportion of RIGHT lobe
- ☐ 6. Longitudinal lateral portion of RIGHT lobe
- ☐ 7. RIGHT lobe measurements in 3 dimensions

### LEFT LOBE

- ☐ 8. Transverse superior portion of LEFT lobe
- ☐ 9. Transverse midportion of LEFT lobe
- ☐ 10. Transverse inferior portion of LEFT lobe
- ☐ 11. Longitudinal medial portion of LEFT lobe
- ☐ 12. Longitudinal midportion of LEFT lobe
- ☐ 13. Longitudinal lateral portion of LEFT lobe
- ☐ 14. LEFT lobe measurements in 3 dimensions

### ISTHMUS

- ☐ 15. Transverse isthmus
- ☐ 16. AP measurement of isthmus

### ABNORMALITIES (if applicable)

- ☐ 17. Thyroid abnormality measurements in 3 dimensions
- ☐ 18. If multiple thyroid nodules are noted, the location, size, and number of nodules must be imaged and documented
- ☐ 19. Overall gland vascularity
- ☐ 20. Abnormal adjacent soft tissues
- ☐ 21. If cervical lymph nodes evaluated, size (at least 2 dimensions) and location

### PARATHYROID (if indicated)

- ☐ 22. Transverse images of anticipated parathyroid locations
- ☐ 23. Longitudinal images of anticipated parathyroid locations
- ☐ 24. Parathyroid gland(s) measured in 3 dimensions, when enlarged

### UGFNA (if indicated)

- ☐ 25. Lesion(s) with measurements demonstrated before biopsy/biopsies
- ☐ 26. Needle demonstrated within lesion(s)
### Infant Brain

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<table>
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<tr>
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<tbody>
<tr>
<td>☐ 1. Frontal lobes including frontal horns of lateral ventricles</td>
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<tr>
<td>☐ 2. Parietal and temporal lobes including bodies of the lateral ventricles</td>
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<tr>
<td>☐ 3. Occipital lobes and posterior fossa</td>
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<td>☐ 12. Fourth ventricle</td>
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<td>☐ 13. Vermis of cerebellum</td>
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<td>☐ 14. Cisterna magna</td>
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