



Case Study Submission Requirements: Abdominal/General Ultrasound

(may include small parts and/or MSK)

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

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

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

Abdominal/General 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

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

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

KIDNEYS

- 18. Longitudinal views (medial, mid, lateral) of RIGHT kidney including length measurement
- 19. Transverse views of upper pole, renal pelvis, and lower pole of RIGHT kidney

AORTA AND INFERIOR VENA CAVA

- 20. Representative longitudinal and transverse views of aorta
- 21. Representative longitudinal and transverse views of IVC

Gallbladder & Biliary Tract

Labeled images of the following:

- 1. Longitudinal views of gallbladder
- 2. Transverse views of gallbladder
- 3. Intrahepatic bile ducts
- 4. Extrahepatic bile ducts
- 5. Measurement of common bile duct
- 6. Representative views of liver

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

Abdominal/General Imaging Checklists

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)

Abdominal/General Imaging Checklists

Infant Brain

Labeled images of the following:

CORONAL

- 1. Frontal lobes including frontal horns of lateral ventricles
- 2. Parietal and temporal lobes including bodies of the lateral ventricles
- 3. Occipital lobes and posterior fossa

LEFT PARASAGITTAL

- 4. Lateral ventricle and choroid plexus
- 5. Sylvian fissure
- 6. Germinal matrix and caudothalamic groove

RIGHT PARASAGITTAL

- 7. Lateral ventricle and choroid plexus
- 8. Sylvian fissure
- 9. Germinal matrix and caudothalamic groove

MIDLINE SAGITTAL

- 10. Corpus callosum
- 11. Third ventricle
- 12. Fourth ventricle
- 13. Vermis of cerebellum
- 14. Cisterna magna