



PATIENT

Charli West

SPECIES

Canine

BREED

Labrador Retriever

SEX

FS

AGE

9yr

WEIGHT

28.8kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Cassie Jackson

HOSPITAL NAME

Huntsville AH

REFERRING VET

Cassie Jackson

INVOICE

22326

DATE

12/22/2025

PRESENTING CLINICAL SIGNS

- Presented Monday Dec 15 for large swelling on ventral R neck that owner noticed the day prior - FNA revealed subcutaneous mast cell neoplasia with moderate atypia - Abdominal US for staging

Abnormal PE/Chem/CBC/UA Results: None completed to date

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine/lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.4 cm in length. The right kidney measured 7.0 cm in length.

The area of the iliac trifurcation was free of pathology including no evidence of medial iliac or sublumbar lymphadenopathy or masses.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.50 cm width at the caudal pole. The right adrenal gland was indistinctly visualized yet overtly normal in size, position and shape. The right adrenal gland measured 0.82 cm width at the caudal pole.

Spleen

The spleen exhibited subjective mild enlargement and possible mild folding. Primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. Solitary to intermittent discrete hypoechoic non-capsule deforming splenic nodules were present, an example measured 0.7 cm in diameter.

Liver/Gallbladder

The liver was subjectively borderline enlarged. No visualized masses or nodules were present. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.



PATIENT

Charli West

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SPECIES

Canine

Pancreas

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

BREED

Labrador Retriever

Free Abdomen

No evidence of abdominal lymphadenopathy or peritoneal effusion.

SEX

FS

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

Primary

AGE

9yr

- Mild splenomegaly with focal to intermittent discrete hypoechoic nodules, possible mild splenic folding
- Mild non-congested hepatomegaly
- Mild age-related renal changes

WEIGHT

28.8kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The hepatosplenic presentation is non-specific with considerations including sedation if clinically applicable, hyperplasia, hematopoiesis with emerging to occult hepatosplenic metastatic criteria not definitively excluded.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Assuming normal clotting status, and using 25ga needle, hepatosplenic and, if accessible, splenic nodule FNA cytology is warranted for further clarification given patient history. Correlation with full lab work and UA is recommended.

IMAGING PERFORMED BY

Cassie Jackson

Sonographic monitoring of the liver and spleen pending oncology consult would be a more conservative approach.

HOSPITAL NAME

Huntsville AH

REFERRING VET

Cassie Jackson

INVOICE

22326

DATE

12/22/2025



PATIENT

Charli West

SPECIES

Canine

BREED

Labrador Retriever

SEX

FS

AGE

9yr

WEIGHT

28.8kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Cassie Jackson

HOSPITAL NAME

Huntsville AH

REFERRING VET

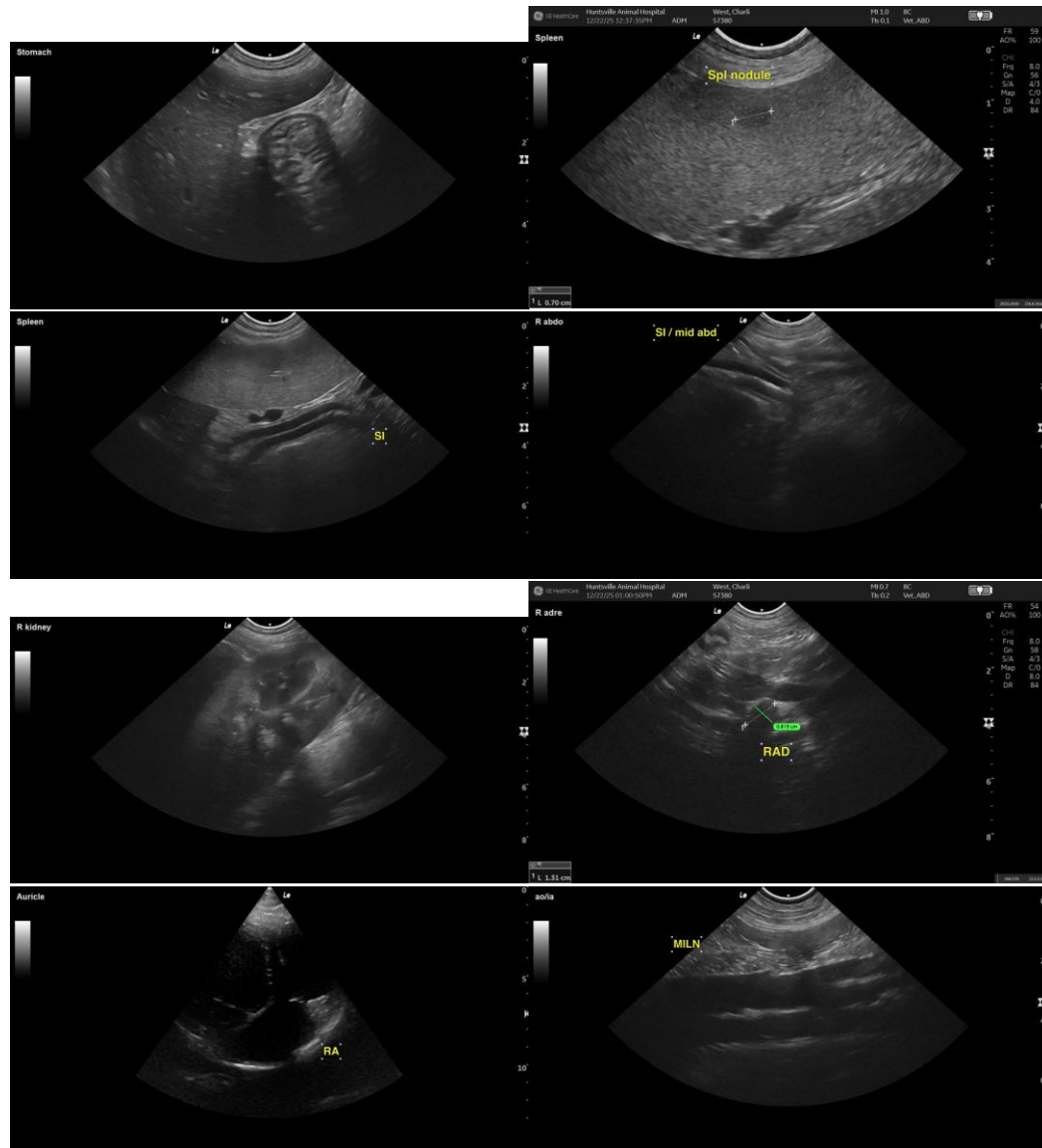
Cassie Jackson

INVOICE

22326

DATE

12/22/2025





PATIENT

Charli West

SPECIES

Canine

BREED

Labrador Retriever

SEX

FS

AGE

9yr

WEIGHT

28.8kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Cassie Jackson

HOSPITAL NAME

Huntsville AH

REFERRING VET

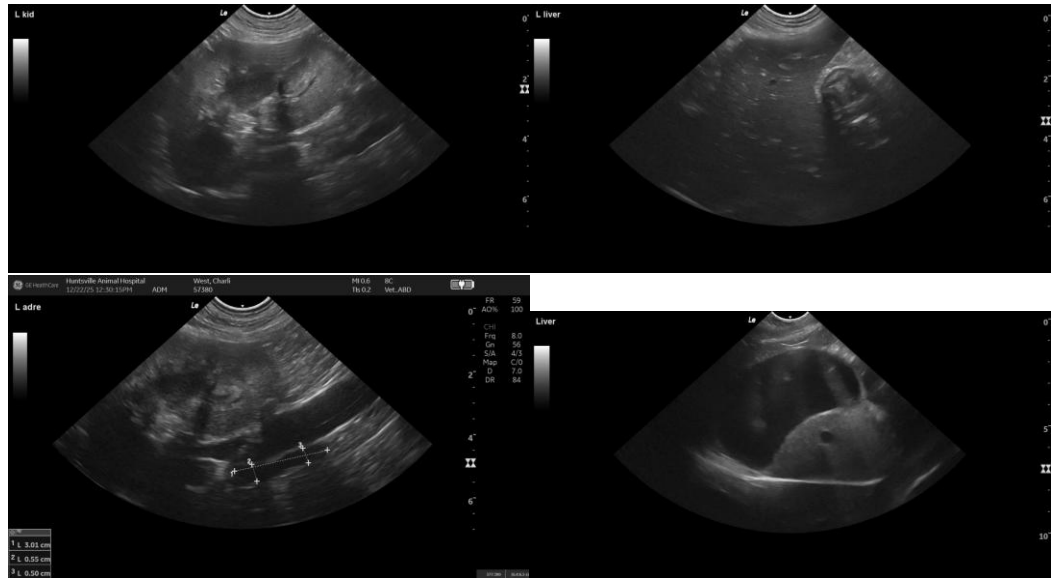
Cassie Jackson

INVOICE

22326

DATE

12/22/2025



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com