



PATIENT

Lewie Gallimore

SPECIES

Canine

BREED

Rhodesian Ridgeback

SEX

Neutered Male

AGE

5 Years

WEIGHT

109 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

A. Rodriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

A. Rodriguez

INVOICE

15151

DATE

5/13/22

PRESENTING CLINICAL SIGNS

History: Anorexia
Abnormal PE/Chem/CBC/UA Results: SDMA: 44, Ca: 14.7, ALT: 171

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild dependent sand/mineral. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

No overt pathology in the area of the residual prostate.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 8.2 cm in length. The right kidney measured 8.7 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.2 cm x 0.51 width at the caudal pole.

No overt pathology in the area of the right adrenal gland.

Spleen

The spleen revealed normal to potential mild generalized enlargement. Maintained symmetrical capsule contour was present. Nonhomogeneous parenchyma, exhibiting hypoechoic micronodular changes. No distinct splenic masses noted. Splenic vascularity was normal.

Liver

The liver was mildly enlarged in size with normal structure and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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.

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 ileus, obstruction or foreign material.

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

Pancreas



PATIENT

Lewie Gallimore

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.

SPECIES

Canine

No evidence of peritoneal free fluid.

Free Abdomen

BREED

Rhodesian Ridgeback

Multiple, enlarged, hypoechoic mesenteric and medial iliac to sublumbar lymph nodes were present. The lymph nodes exhibited symmetrical to rounded margination with abnormal width: length ratio (>0.5). The enlarged lymph nodes were bordered by echogenic to reactive mesentery. An example of medial iliac lymph nodes measured 4.1 cm x 3.2 cm. An example of a mesenteric lymph node measured 4.5 cm x 2.0 cm.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Mild urinary bladder mineral/sand
- Multifocal hypoechoic to swollen mesenteric and medial iliac/sublumbar lymphadenopathy
- Micronodular spleen
- Nonspecific mild hepatomegaly/hepatopathy

AGE

5 Years

WEIGHT

109 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The micronodular splenic changes may potentially indicate areas of nodular hyperplasia or hematopoiesis. Likewise, the hepatic presentation is suggestive of low-grade hepatopathy with potential for low-grade inflammatory hepatopathy given the ALT elevation. However, in light of concurrent hypoechoic to swollen mesenteric and medial iliac/sublumbar lymphadenopathy, which are suggestive of neoplastic criteria, multicentric round cell neoplasia with primary concern for lymphoma involving the spleen +/- liver, is warranted.

INTERPRETED BY

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

Assuming normal clotting status, ultrasound guided FNA of an enlarged mesenteric, medial iliac lymph node, as well as hepatosplenic FNA is recommended for screening cytology and further assessment with potential for oncology consult. As needed gastrointestinal supportive care recommended empirically.

IMAGING PERFORMED BY

A. Rodriguez

HOSPITAL NAME

Foxfield VS



REFERRING VET

A. Rodriguez

INVOICE

15151

DATE

5/13/22



PATIENT

Lewie Gallimore

SPECIES

Canine

BREED

Rhodesian Ridgeback

SEX

Neutered Male

AGE

5 Years

WEIGHT

109 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

A. Rodriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

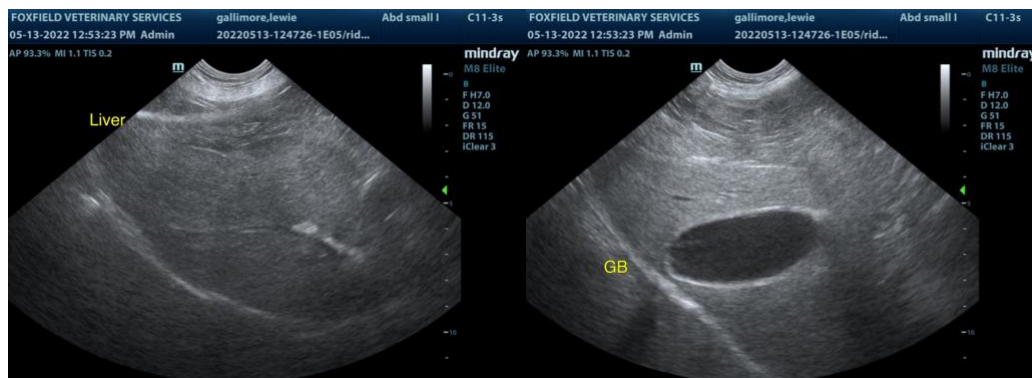
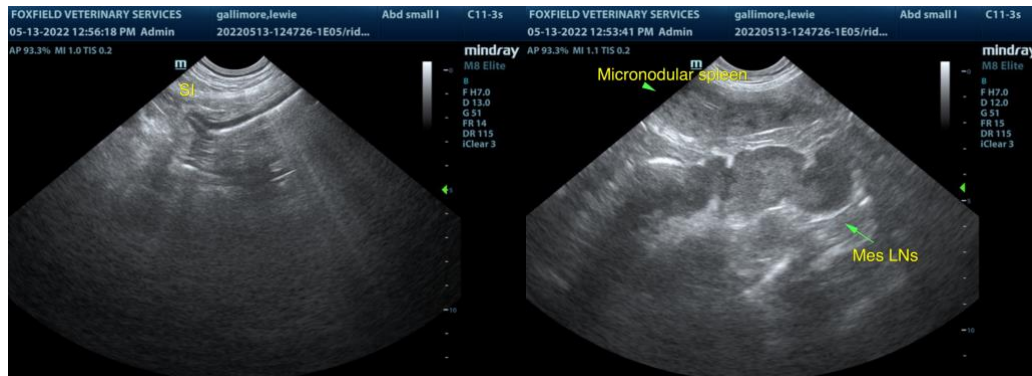
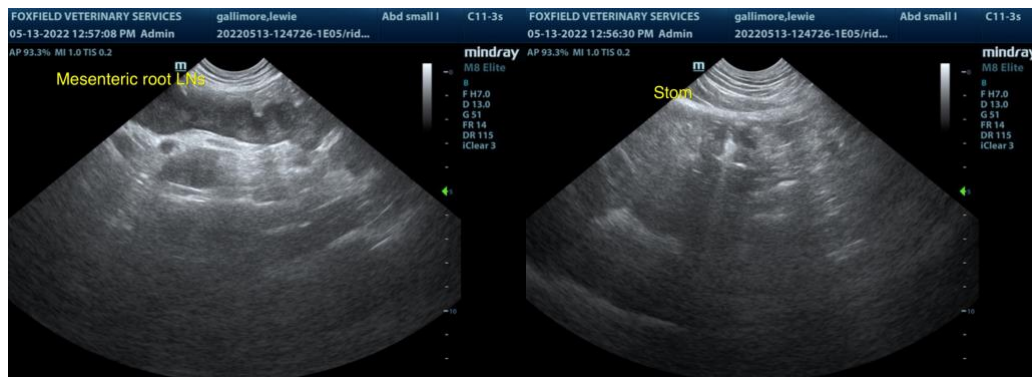
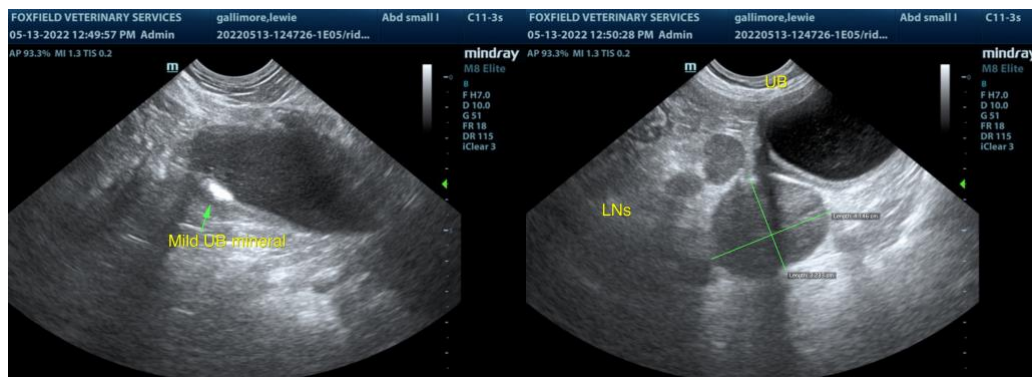
A. Rodriguez

INVOICE

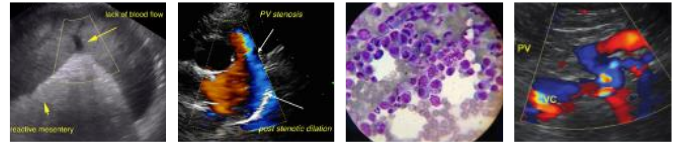
15151

DATE

5/13/22



The information and recommendations provided are based on the images presented by the



PATIENT

Lewie Gallimore

referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Rhodesian Ridgeback

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

SEX

Neutered Male

AGE

5 Years

WEIGHT

109 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

A. Rodriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

A. Rodriguez

INVOICE

15151

DATE

5/13/22