

PATIENT PRESENTING CLINICAL SIGNS

Scarlett Tortorelli History: Cough, elevated liver values. Medication: Cerenia, Doxycycline
 Labs: ALP 1944, Normal ALT, GGT and T.bili

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED

Doberman Mix

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Spayed Female

No evidence of pathology in the area of the uterine remnant.

The area of the aortic trifurcation was free of pathology.

AGE

2009

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 7.0 cm in length. The right kidney measured 7.4 cm in length.

WEIGHT

73.2

Adrenal Glands

The left adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 2.3 cm length x 0.89 cm width in the caudal pole.

INTERPRETED BY

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

The right adrenal gland was indistinctly visualized without overt pathology, subjectively measuring 0.79 cm at the caudal pole.

Spleen

The spleen was normal in size with areas of minor medial capsule asymmetry. Subtle parenchyma heterogeneity was present. Multiple variably sized to irregular hyperechoic splenic nodules to macronodules were noted. An example of splenic macronodule measured 3.0 cm in diameter. The splenic nodules did not distort the splenic capsule. Splenic vascularity was normal.

IMAGING PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

Brodheads ville VC

Liver

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

REFERRING VET

Dr. Goldstein

The gallbladder was non-distended in size with primarily anechoic content and mild nonorganized echogenic gallbladder debris without evidence of gallbladder inflammatory criteria. The cystic and common bile ducts were normal.

INVOICE

21359

Gastrointestinal

DATE

3/1/23



PATIENT

Scarlett Tortorelli

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.

SPECIES

Canine

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

BREED

Doberman Mix

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.

SEX

Spayed Female

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

AGE

2009

- Variably sized to irregular hyperechoic splenic nodules- likely benign, suggestive of variably sized to irregular myelolipomas, potential for previous splenic infarct or emerging mineralization.

WEIGHT

73.2

- Benign hepatopathy- sonographically suggestive of vacuolar hepatopathy pattern
- Minor gallbladder debris (non-mucocele)
- Age-related renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hepatosupportive medications, including Denamarin and Ursodiol given the potential for mild cholestasis in conjunction with mild gallbladder debris may prove beneficial. Although no overt suspicion of neoplastic splenic nodules, sonographic monitoring of the splenic nodules for evidence of progression +/- screening hepatosplenic FNA cytology, assuming normal clotting status, is recommended. No overt suspicion of adrenal disease, given the overtly normal sonographic presentation and lack of clinical signs, i.e., PU/PD, polyphagia, etc.

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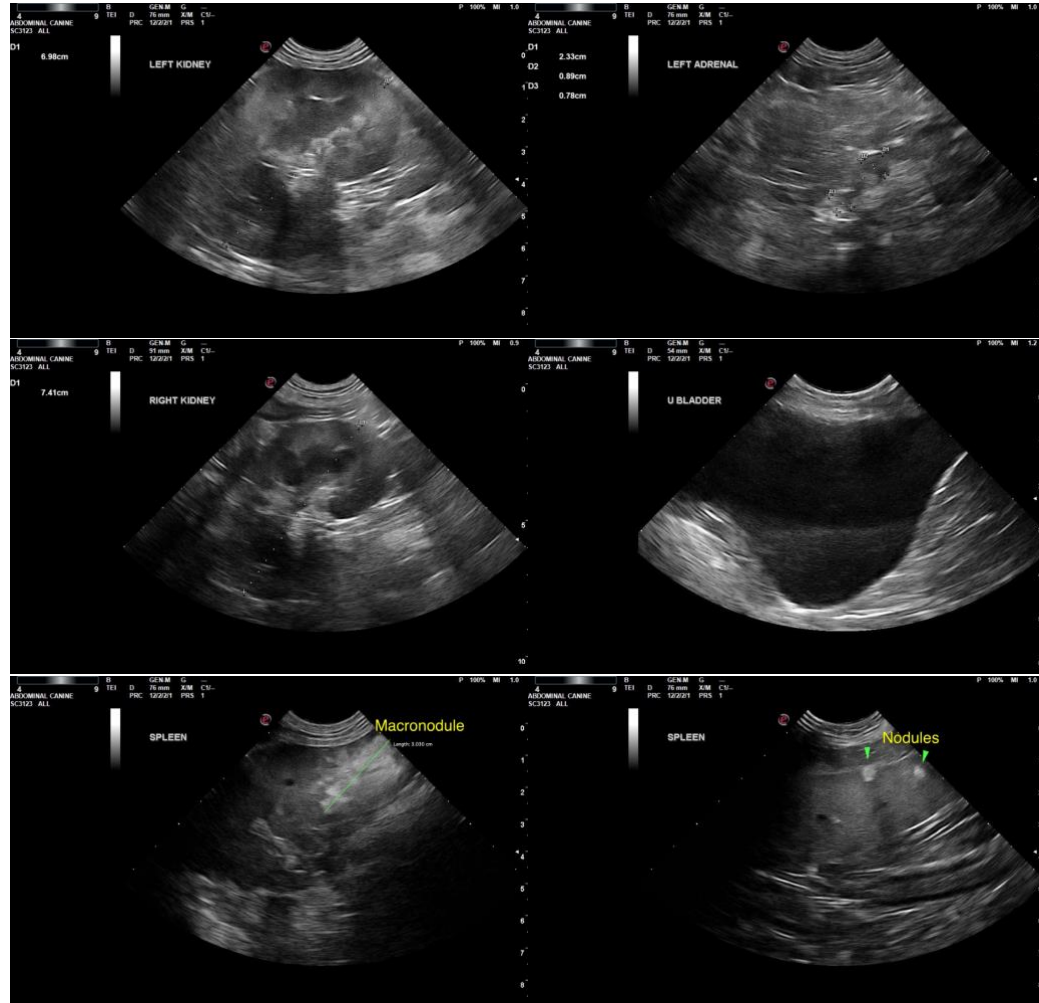
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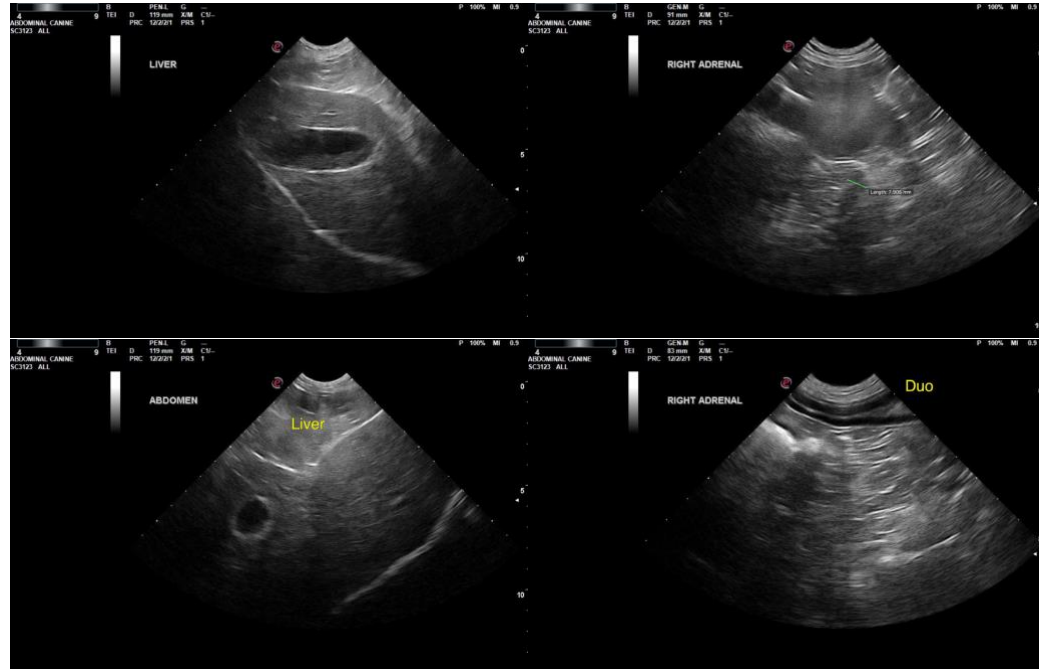
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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