



PATIENT PRESENTING CLINICAL SIGNS

Charo Tubbs History: VPC's noted on annual exam, brief cardiology exam - mild right sided heart enlargement, early TV endocardiosis, mild PA enlargement, concern for splenic mass

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine *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 uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

BREED

Mix

The area of the aortic trifurcation was free of pathology.

SEX

Spayed female

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 5.5 cm in length. The right kidney measured 5.0 cm in length.

AGE

11 years

Adrenal Glands

WEIGHT

49.6

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.69 cm width at the caudal pole and 2.6 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.56 cm width at the caudal pole and 2.0 cm length.

INTERPRETED BY

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

Spleen

The spleen exhibited with mild enlargement and a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. No masses or nodules were noted. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

Liver/ Gallbladder

The liver was subjectively normal in size, 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.

HOSPITAL NAME

White Haven VH

Gastrointestinal

REFERRING VET

Dr. Gallagher

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild ingesta and luminal gas with no signs of ileus, obstruction, or foreign material.

INVOICE

10397ag

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.

DATE

04/16/2022

Pancreas



PATIENT

Charo Tubbs

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 were evident.

Free Abdomen

SPECIES

Canine

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

BREED

Mix

- Potential splenomegaly with subtle parenchyma heterogeneity.
- Mild gastric ingesta/gas.

SEX

Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

11 years

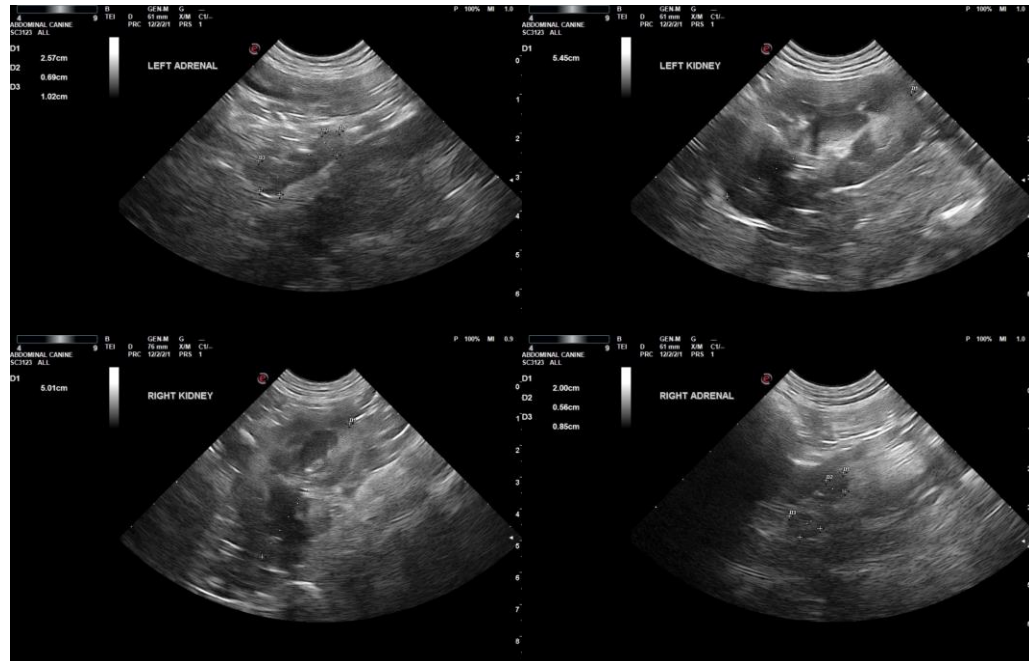
Overall, no evidence of significant abdominal visceral pathology was observed. The splenic presentation is not consistent with splenic pathology such as neoplastic criteria with patient variant, mild hyperplasia, hematopoiesis or incidental splenitis likely. Given the echocardiographic evaluation and assuming normal clotting status and using a 25g needle could be considered primarily to ensure only benign changes are present. However, no overt suspicion of underlying pathology as a potential cause of the patient's cardiac abnormalities.

WEIGHT

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SPECIES

Canine

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Spayed female

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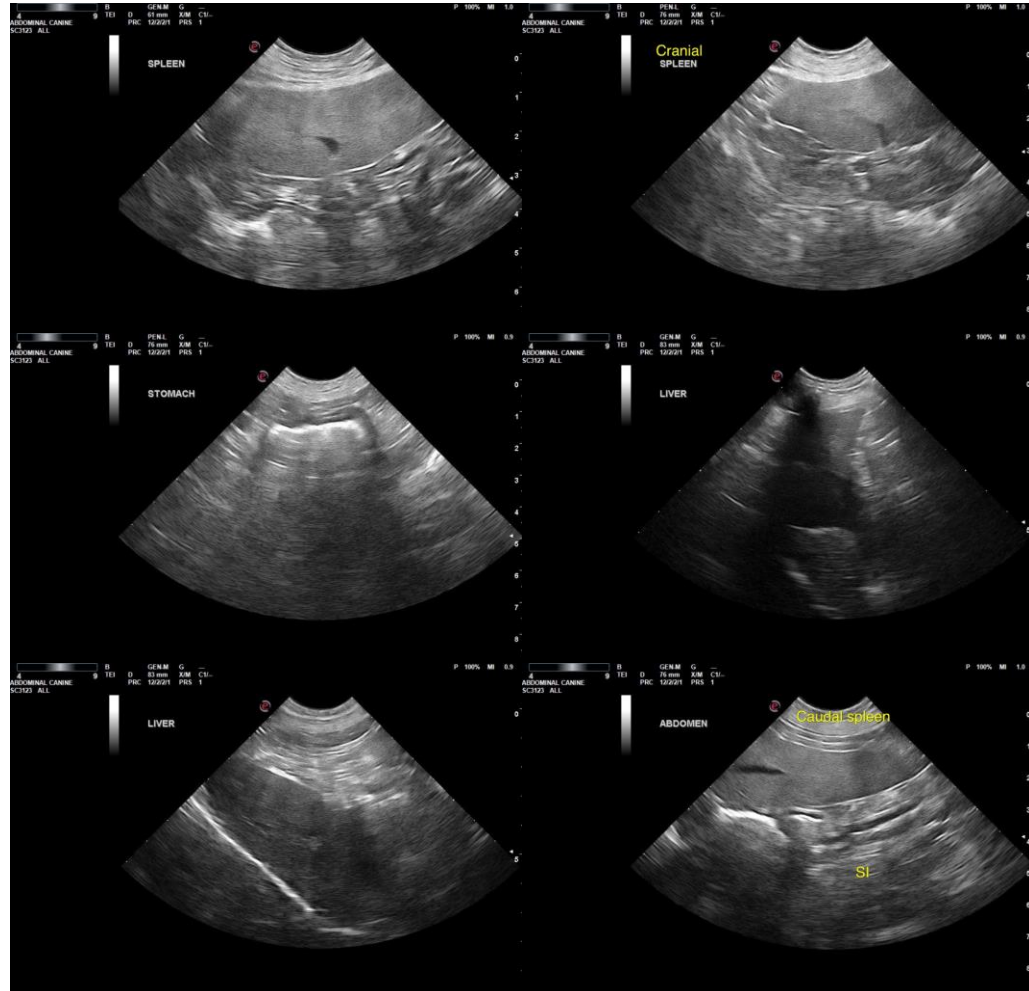
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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