



PATIENT PRESENTING CLINICAL SIGNS

Emma George History: elevated ALT/ALP, 1 moth later- more elevated ALP, lower ALT littermate passed 1 month earlier from hepatosplenic mass

SPECIES Abnormal PE/Chem/CBC/UA Results:

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Husky X

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. Aortic trifurcation was normal.

SEX

Spayed Female

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 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 7.2 cm in length.

AGE

11 Years

Adrenal Glands

WEIGHT

73 Pounds

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 2.9 cm length x 1.2 cm width in the caudal pole. The right adrenal gland measured 2.0 cm length x 1.0 cm width.

INTERPRETED BY

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

Spleen

The spleen exhibited 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING

PERFORMED BY

Kelly Reschny

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non distended in size with mild echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

HOSPITAL NAME

AH of Stoney Creek

REFERRING VET

Dr. Ozimok

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.

INVOICE

12894

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

9/1/21

Pancreas



PATIENT

Emma George

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

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

BREED

Husky X

ULTRASONOGRAPHIC FINDINGS

- Hepatopathy with parenchymal remodeling-subjectively benign
- Mild gallbladder debris (non-mucocele)
- Mild chronic renal changes

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The presentation of the liver may indicate vacuolar hepatitis, chronic active hepatitis, cholangiohepatitis, early fibrosis / cirrhosis or other hepatopathy. Neoplasia considered a less likely differential diagnosis yet cannot be excluded.

AGE

11 Years

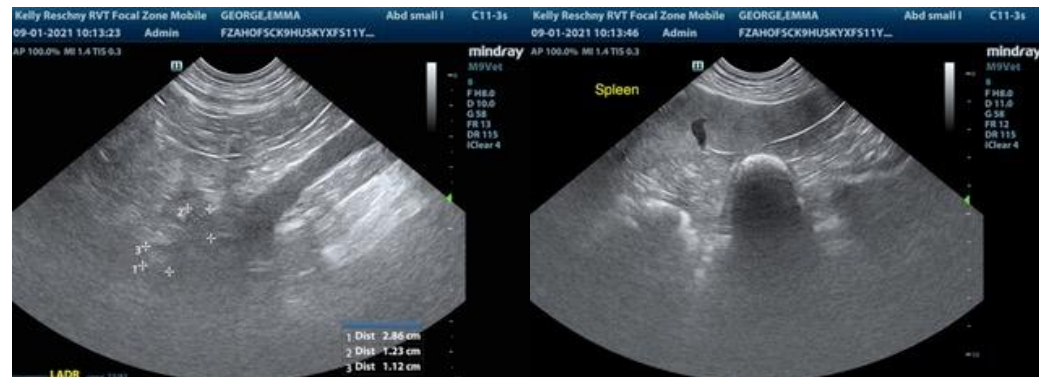
Ultrasound guided FNA of the liver could be considered for screening cytology and further clarification. Continued hepato-supportive medications would be appropriate. No evidence of hepatic or hepatosplenic neoplasia.

WEIGHT

73 Pounds

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SPECIES

Canine

BREED

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SEX

Spayed Female

AGE

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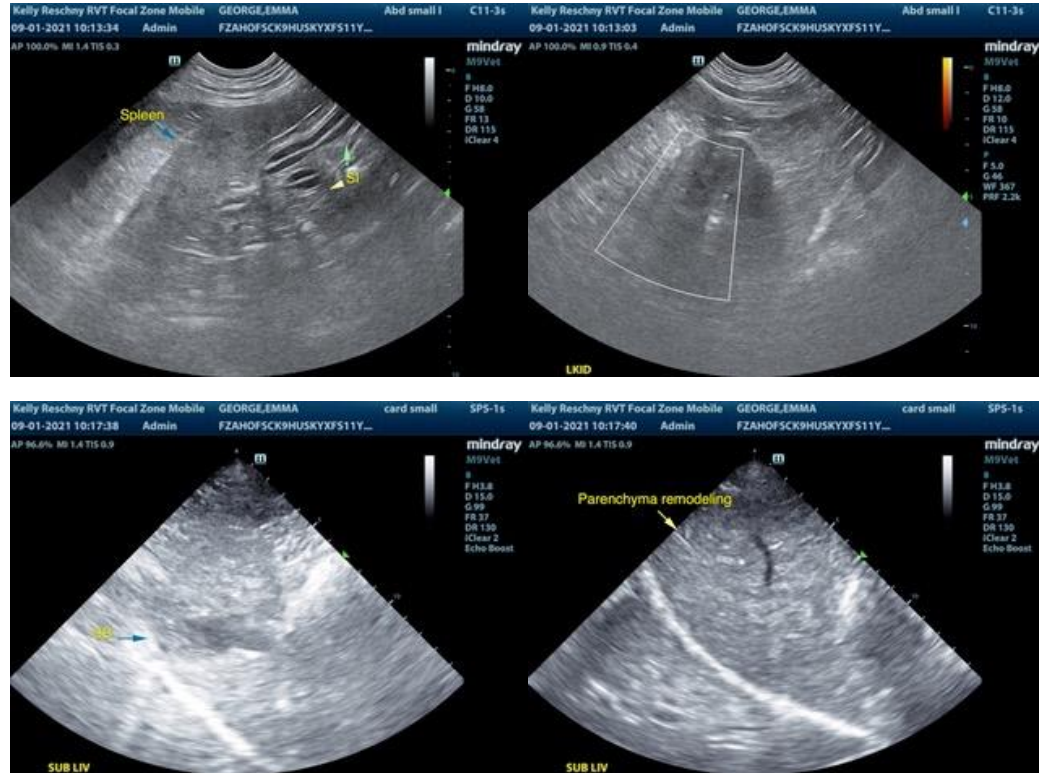
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
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