



PATIENT PRESENTING CLINICAL SIGNS

Winnie Hiltz History: Dx elsewhere with liver mass- second opinion today. FNA 25 g performed on liver parenchyma and one of the masses. Just finished course of amox -baytril for 2 weeks.

SPECIES Abnormal PE/Chem/CBC/UA Results: AST 131, ALT 634, ALKP 1114; platelets 385, HCT 44.

Canine **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

BREED *Urinary System*

Pit Bull The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 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 Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some mildly 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 7.3 cm in length. The right kidney measured 8.0 cm in length.

AGE

7 years

The area of the aortic trifurcation was free of pathology.

WEIGHT *Adrenal Glands*

NA

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 3.2 cm in length and 0.56 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. Bilateral pinpoint areas of dystrophic mineralization were observed, this is likely incidental or age-related changes. The right adrenal gland measured 2.7 cm length and 0.65 cm width at the caudal pole.

INTERPRETED BY

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

Spleen

The spleen exhibited overall normal size, contour and maintained a primarily 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. A discrete non-expansive isoechoic nodule was noted in the cranial spleen measuring 1.7 cm in diameter.

IMAGING PERFORMED BY

Diane McFadden

Liver

The liver exhibited mild to possible moderate generalized enlargement and diffuse hepatic parenchymal remodeling with nonuniform to moderately coarse echotexture. Subtly expansive nonhomogeneous to mixed echogenic mass resulting in mild distortion of the surrounding hepatic parenchyma was present in the deep left liver measuring 6.8 cm x 6.6 cm. A second primarily uniform spherical mass exhibiting focal indistinct non homogenous centralized nodular component was present in the caudal mid to right liver measuring 7.3 cm x 4.4 cm. The gallbladder was non-distended in size with thin walls and mild gallbladder debris. The gallbladder was otherwise normal without evidence of peripheral inflammation. The cystic and common bile ducts were normal.

HOSPITAL NAME

Parsippany Troy Hills
AH

REFERRING VET

Dr. Dulude

INVOICE *Gastrointestinal*

10193ag 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.

DATE

03/18/2022



PATIENT

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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.

SPECIES

Canine

Pancreas

The pancreas was normal in size and contour with heterogeneous to regionally hypoechoic parenchyma at the pancreas base and right pancreatic compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

Pit Bull

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

AGE

7 years

- Hepatomegaly exhibiting generalized non uniform parenchyma including variably echogenic to non-uniform nodular deep left and caudal mid to right masses.
- Pancreatic parenchyma remodeling, potential for low grade to chronic active inflammation.
- Nonspecific discrete isoechoic cranial splenic nodule.
- Bilateral mild chronic renal changes.

WEIGHT

NA

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The hepatic presentation including the noted masses was not specific with considerations including vacuolar hepatopathy, chronic inflammatory/ immune mediated disease, fibrosis, nodular hyperplasia, hematopoiesis, neoplasia or other hepatopathy. Correlation with pending hepatic cytology is recommended. Core or hepatic biopsy may be required for definitive diagnosis.

Although nonspecific the discrete isoechoic cranial splenic nodule is not overly suggestive of neoplastic criteria. Sonographic monitoring for evidence of changes or progression would be appropriate.

INTERPRETED BY

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(Canine and Feline)

Potential for low grade to chronic active pancreatic inflammation would be suspected if evidence of cranial abdominal or subxiphoid discomfort on palpation, correlation with a Spec CPL could be considered.

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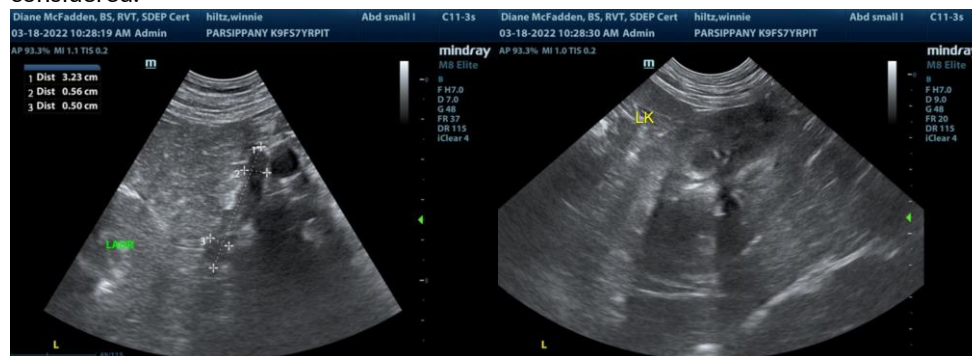
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SPECIES

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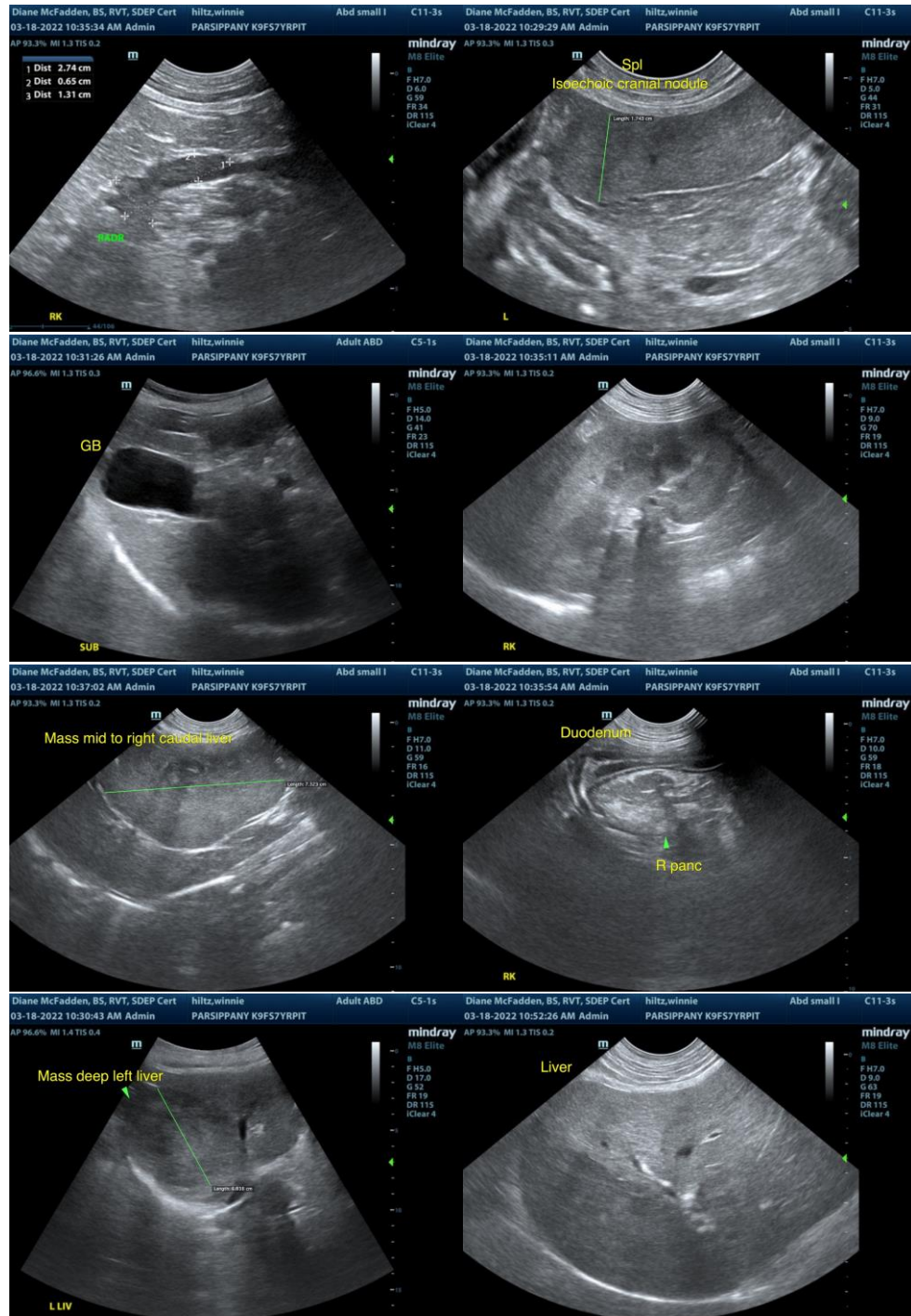
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Pit Bull

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

info@SonoPath.com

SEX

Spayed female

AGE

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WEIGHT

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