



PATIENT PRESENTING CLINICAL SIGNS

Abby Dejong

Eating low fat food, history of repeating episodes of pancreatitis. Has also been on Thyro tabs for hypothyroidism, will be rechecking levels today. Also history of Mast Cell tumor removal. Owner had been giving Turkey Tail Mushroom Supplement for anti-cancer properties. Owner requested ultrasound as feels that Abby is "off". Seems to be sleeping more and less interactive. Does appear a bit pot bellied, but also BCS 4/5. Seems tense on palpation. Recommend recheck blood levels to confirm thyroid treatment appropriate, discontinue Mushroom supplement and start Gabapentin and Metacam.

SPECIES

Canine

BREED

Golden Retriever

Abnormal PE/Chem/CBC/UA Results: Pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

FS

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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.

AGE

10.5yr

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 6.6 cm in length. The right kidney measured 6.7 cm in length

WEIGHT

34.4kg

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

Adrenal Glands

IMAGING PERFORMED BY

Crystal Hill

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.66 cm width at the caudal pole and 2.5 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.64 cm width at the caudal pole and 1.7 cm length.

HOSPITAL NAME

Grand River Veterinary
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Spleen

REFERRING VET

Hornack/Day

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease. No masses or nodules noted.

INVOICE

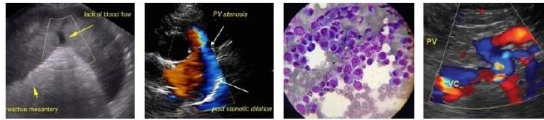
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Liver/Gallbladder

DATE

01/11/2023

The liver presented mildly 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 and evidence of mild remodeling. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in



PATIENT

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appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

SPECIES

Canine

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.

BREED

Golden Retriever

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

Pancreas

SEX

FS

The pancreas was normal in size and contour with isoechoic to mildly heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Free Abdomen

AGE

10.5yr

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

ULTRASONOGRAPHIC FINDINGS

WEIGHT

34.4kg

- Mild heterogeneous spleen
- Subjective mild hepatomegaly with minor parenchymal remodeling-benign
- Mild age related renal changes
- Heterogeneous pancreas-no sonographic evidence of active pancreatitis/neoplastic criteria, potential for low-grade/chronic pancreatitis possible

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, largely a mild geriatric abdomen with no overt evidence of significant abdominal visceral pathology as a definitive cause of the patient's clinical signs.

IMAGING PERFORMED BY

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Correlation with pending lab work and spec cPL is suggested. No evidence of intra-abdominal primary/metastatic neoplastic criteria was noted.

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Hepatosupportive medications such as Denamarin and Ursodiol may be considered if hepatic enzyme elevations are present.

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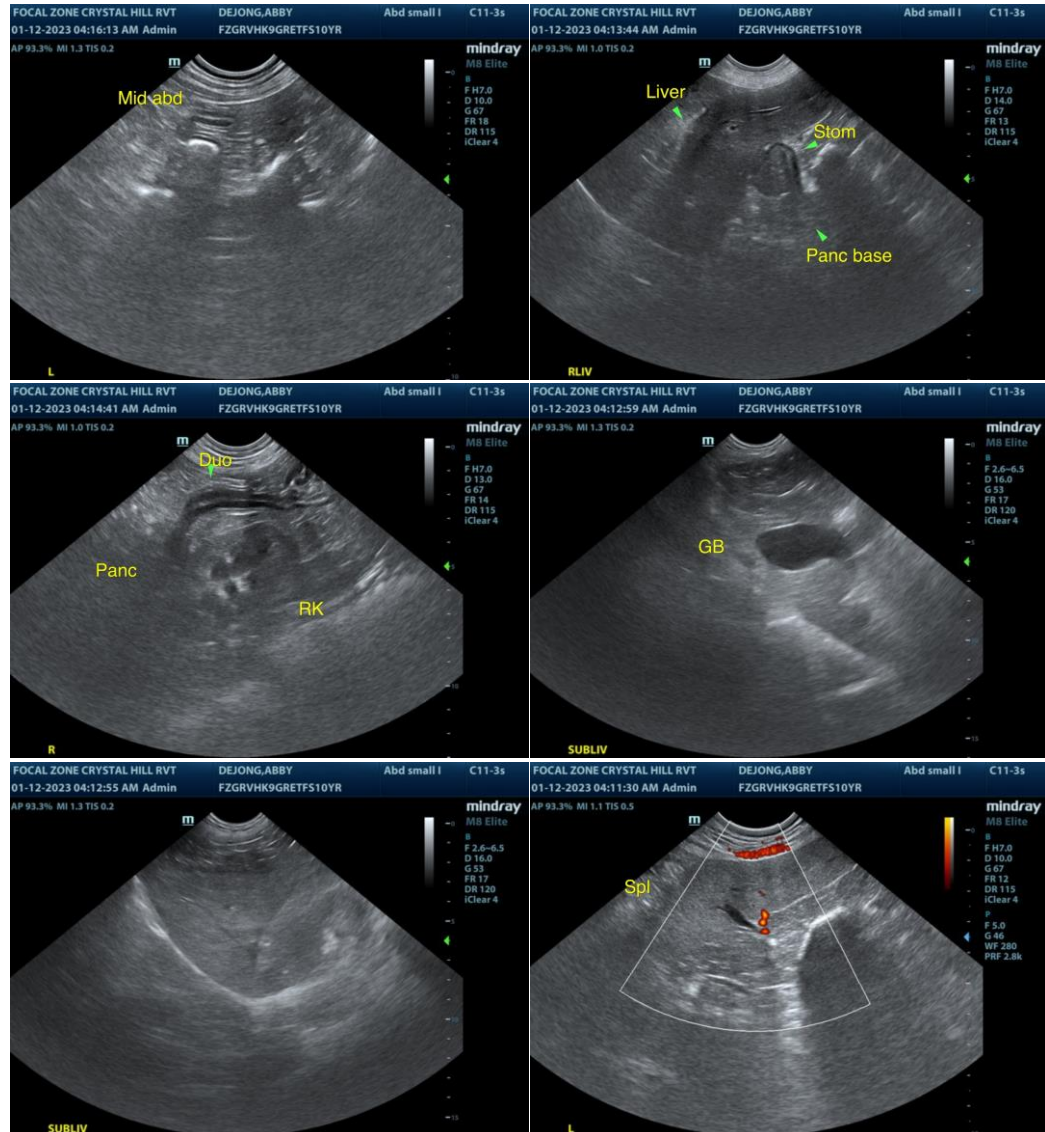
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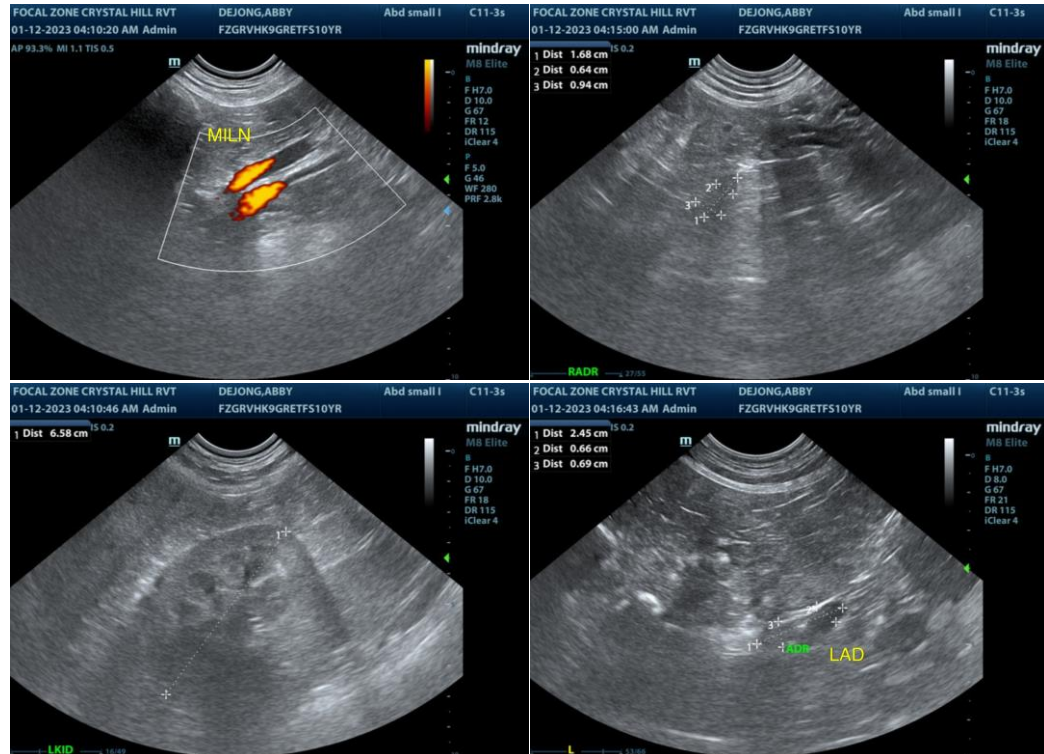
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@SonoPath.com