

PATIENT

Hartley Moore

PRESENTING CLINICAL SIGNS

History: Attending suspects Cushing's Blood work pending. History of cystoliths.

Abnormal PE/Chem/CBC/UA Results: Full chem and CBC pending last blood work 2020.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Corgi Mix

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild dependent hyperechoic mineral sand to small calculi was present. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Neutered male

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. Areas of nonobstructive medullary mineralization primarily in the lateral diverticuli of both kidneys was noted. 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 5.7 cm in length. The right kidney measured 5.0 cm in length.

AGE

7 years

WEIGHT

13.6 kg

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate was free of pathology measuring 0.61 cm in diameter.

Adrenal Glands

INTERPRETED BY

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

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.48 cm width at the caudal pole and 0.56 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.54 cm width at the caudal pole and 0.83 cm width at the cranial pole.

IMAGING

PERFORMED BY

Dr. Belan

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Subtle indistinct hyperechoic nodules were noted adjacent to the hilus consistent with emerging benign myelolipomas. 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.

HOSPITAL NAME

Resolution Veterinary
Ultrasound

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. The gallbladder was non-distended in size without evidence of inflammatory criteria. Primarily anechoic luminal content and mild nondependent to subtly congealed sludge was present in the caudal lumen and the area of the gallbladder neck. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Morley

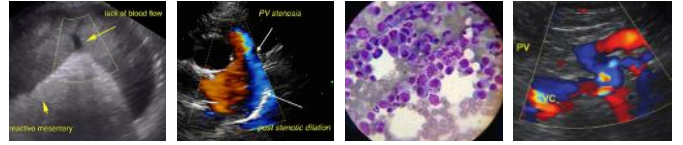
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10475ag

Gastrointestinal

DATE

04/29/2022



PATIENT

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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild to moderate retained ingesta exhibiting subtle progressive distal acoustic shadowing and luminal gas 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.

BREED

Corgi Mix

Pancreas

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

Neutered male

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

AGE

7 years

ULTRASONOGRAPHIC FINDINGS

- Hepatomegaly-subjectively benign
- Mild gallbladder sludge (non-mucocele)
- Mild nonobstructive renal medullary mineralization
- Mild dependent UB mineral/sand/small calculi
- Overtly normal bilateral adrenal glands
- Mild gastric ingesta-likely post prandial presentation

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A full urinary workup including UA and urine C/S is suggested given the presence of urinary bladder mineral/calculi. This patient may be passing small amounts of mineral from the kidneys into the urinary bladder. No overt evidence of obstruction to urinary outflow was noted. Although no evidence of adenomegaly or adrenal tumors was observed, an adrenal workup could be considered if clinical suspicion for adrenal hyperfunction i.e. PU/PD, polyphagia etc. Correlation of the benign hepatomegaly with pending hepatic enzyme assessment +/- ultrasound guided hepatic FNA assuming normal clotting status could be considered. Hepatosupportive medications including Ursodiol are suggested if hepatic enzyme elevations or evidence of cholestasis.

IMAGING

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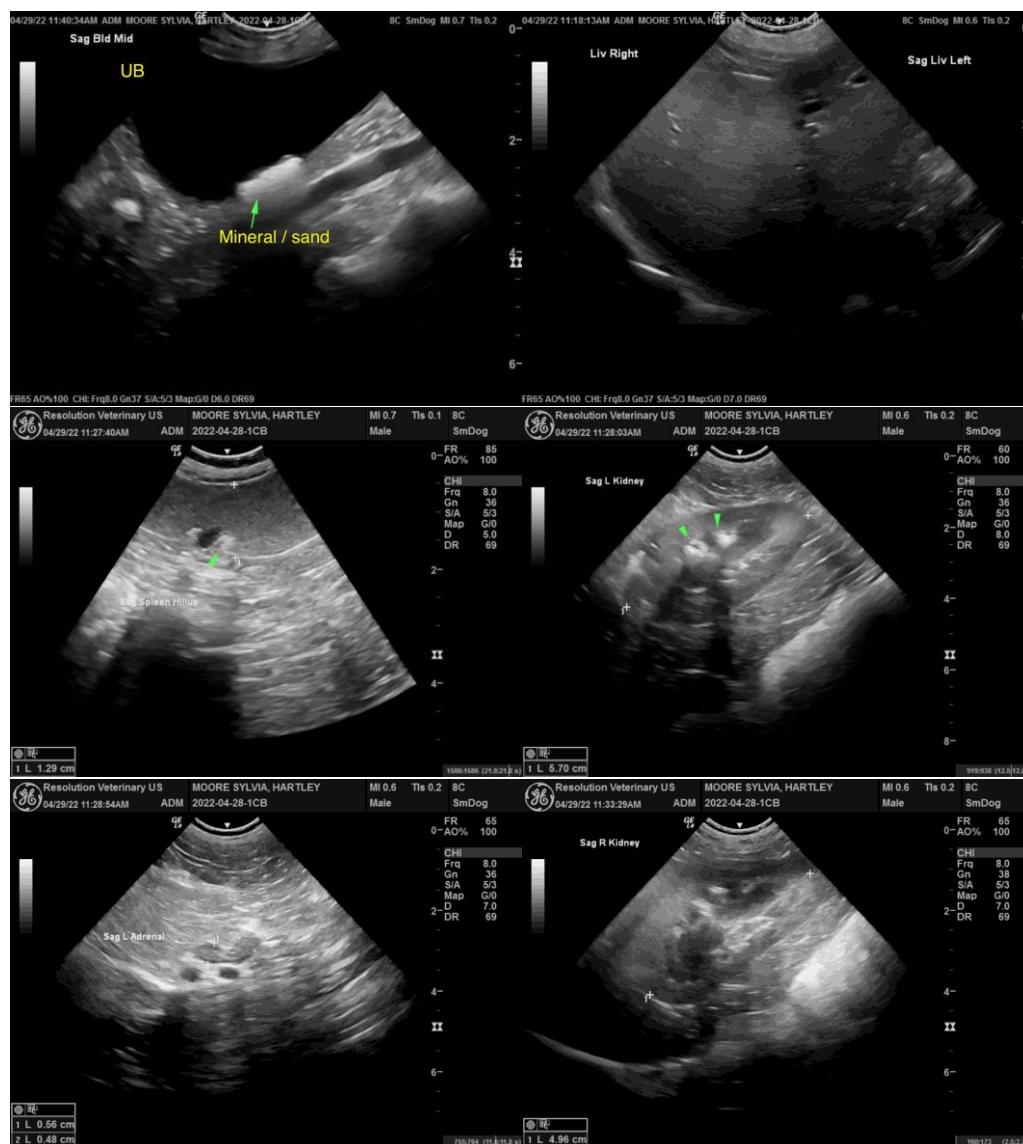
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SPECIES

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BREED

Corgi Mix

SEX

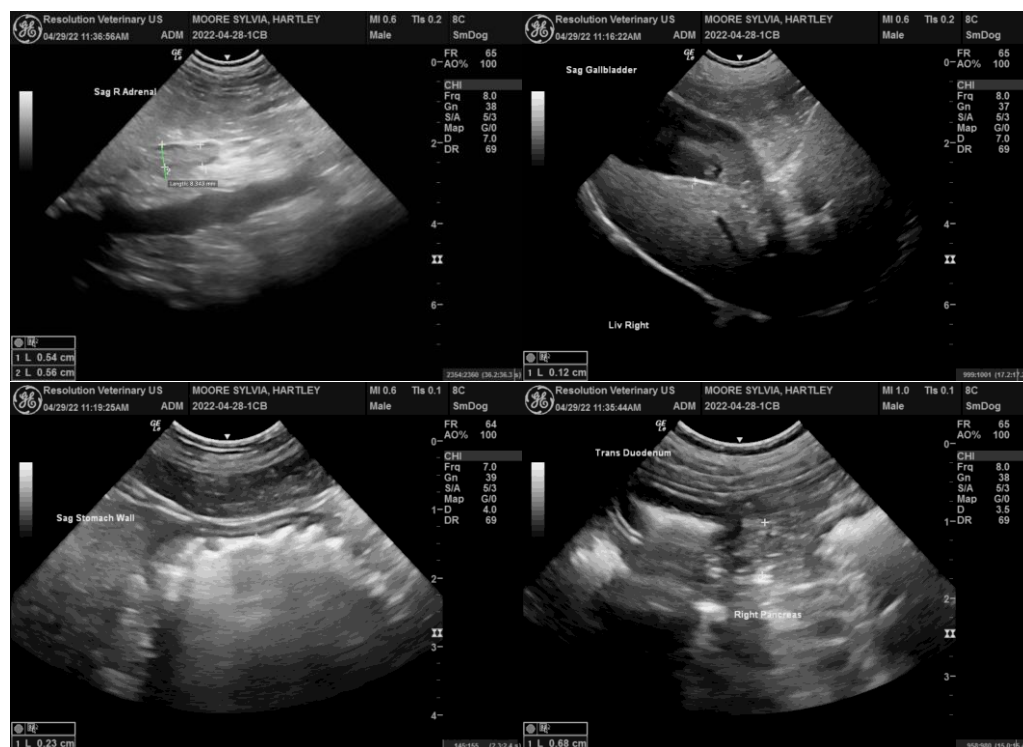
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

IMAGING PERFORMED BY
Dr. Belan

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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Ultrasound

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