



PATIENT

Molly Daibes

PRESENTING CLINICAL SIGNS

Renal investigation, SDMA 17, creat. 1.6, BUN 31, amylase 1,521, lipase 578.
Abnormal PE/Chem/CBC/UA Results: SDMA 17, creat. 1.6, BUN 31, amylase 1,521, lipase 578.
Urine protein 2+, USG 1.015.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Boxer

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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.

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. No overt evidence of pyelonephritis. The left kidney measured 6.2 cm.

AGE

13 Years

The right kidney measured 6.5 cm.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

WEIGHT

65.6 Pounds

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.1 cm length x 0.50 cm at the caudal pole. The right adrenal gland measured 2.0 cm length x 0.58 cm at the caudal pole.

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 Vazquez

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. Lobar biliary tree mineralization was present, primarily in the mid to right liver around the gallbladder. The gallbladder was non distended in size with mild, echogenic, non-dependent yet non-organized debris. The cystic duct and common bile ducts were normal without evidence of dilation.

HOSPITAL NAME

Englewood VC

REFERRING VET

Dr. Ezik

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.

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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.

DATE

9/8/21



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Pancreas

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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

Free Abdomen

Canine

A suspected uterine remnant dorsal to the area of the urinary bladder trigone and cystourethral junction and ventral to the distal descending colon was prominent in size with mild non-homogeneous, non-mineralized parenchyma and without evidence of associated cystic changes or luminal fluid accumulation measuring 2.5 cm x 2.0 cm.

BREED

Boxer

SEX

Spayed Female

A non-specific, primarily ovoid, non-homogeneous to mixed echogenic mass lesion was present adjacent to and medial to the right kidney. This mass lesion measured approximately 3.5 cm x 3.4 cm. The mass lesion did not appear to overtly originate from the right kidney and did not appear to involve the right adrenal gland.

AGE

13 Years

No evidence of effusion. The omentum exhibited primarily normal echogenicity.

WEIGHT

65.6 Pounds

ULTRASONOGRAPHIC FINDINGS

- Suspect small uterine stump granuloma
- Bilateral mild chronic renal changes
- Lobar biliary tree mineralization
- Mild gallbladder debris (non-mucocele)
- Unspecified mass lesion adjacent to/medial to the right kidney

INTERPRETED BY

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DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The bilateral kidneys are most consistent with early to mild chronic renal changes. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

IMAGING PERFORMED BY

Kelly Vazquez

Given its location, potential considerations for the unspecified mass lesion adjacent to and medial to the right kidney may include ovarian remnant, lymphatic or omental origin, with considerations including neoplasia, non-specific lymphadenopathy, granuloma, or other.

HOSPITAL NAME

Englewood VC

Assuming normal clotting status, ultrasound guided FNA of the mass lesion may be considered for screening cytology. Vaginal vault cytology or anti-mullerian hormone assay may be considered if clinical concern or history of potential ovarian remnant.

REFERRING VET

Dr. Ezik

3-view chest radiographs recommended to rule out concurrent thoracic pathology.

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SPECIES

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HOSPITAL NAME

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REFERRING VET

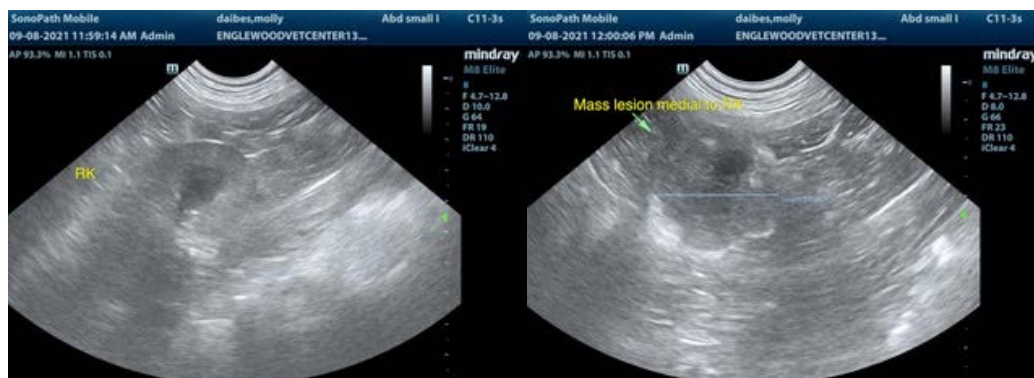
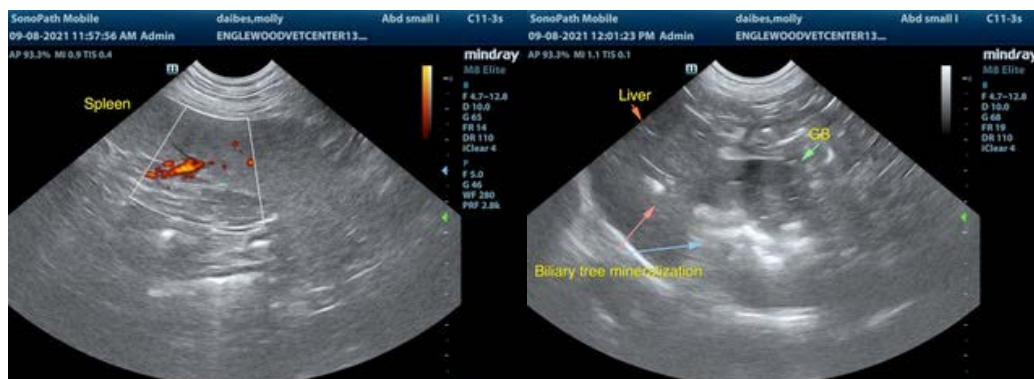
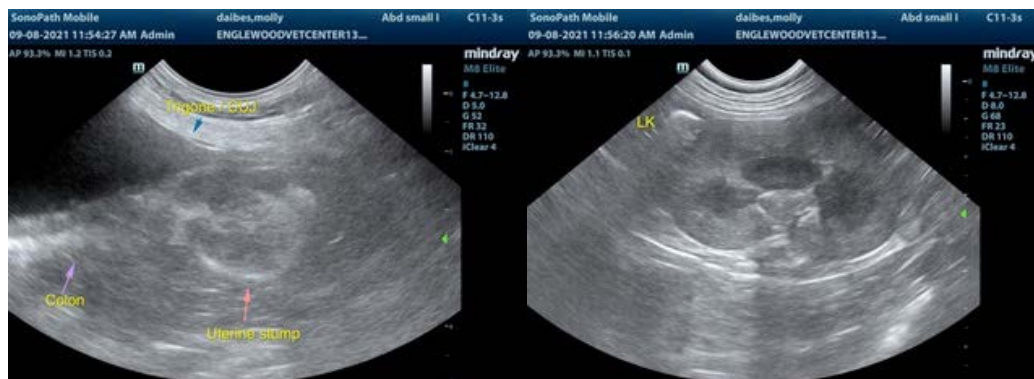
Dr. Ezik

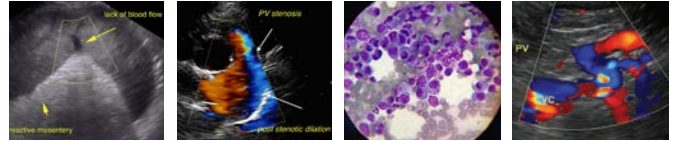
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

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Spayed Female

AGE

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WEIGHT

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