

PATIENT PRESENTING CLINICAL SIGNS

Stella Wolford History: Vomiting and diarrhea, resolved, concern for gallstones. Medication: Cerenia, Pepcid
 Labs: unremarkable CBC, Chemistry panel ALP 99, ALT 59, T.bili 0.3, BUN 14, Creat 0.9

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED 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.

Spaniel Mix

SEX The area of the aortic trifurcation was free of pathology.

Spayed Female

AGE Normal size and margination were present in the left kidney. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. 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 4.3 cm in length.

2015

A moderately sized irregular mixed echogenic mass was noted, appearing to originate from the cranial right kidney, extending into the cranial retroperitoneal space, measuring approximately 8.5 cm x 7.0 cm. Discernable caudal right kidney architecture was maintained with mild loss of corticomedullary border demarcation and minor pyelectasia.

WEIGHT

21.9 Pounds

Adrenal Glands

INTERPRETED BY

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.1 cm length x 0.35 cm width at the caudal pole.

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

The right adrenal gland was not definitively visualized owing to the presence of the right kidney mass.

IMAGING

Spleen

PERFORMED BY

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.

Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

Liver

Maple Hills VH

The liver was normal in size and contour with normal hepatic parenchyma echogenicity, exhibiting mild to moderate coarse echotexture. Lobar biliary tree mineralization was noted in the primarily mid to right liver.

REFERRING VET

Dr. Banzhof

The gallbladder was indistinctly visualized, potentially owing to gallbladder contraction. Potential concurrent nonobstructive luminal gallbladder mineral. The common bile duct was not definitively visualized without evidence of posthepatic obstructive criteria.

INVOICE

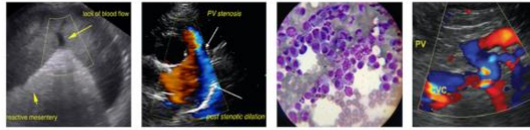
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Gastrointestinal

DATE

11/30/22

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.



PATIENT

Stella Wolford

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 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.

BREED

Spaniel Mix

Free Abdomen

No evidence of retroperitoneal or peritoneal free fluid. No overt lymphadenopathy noted.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Right kidney mass
- Hepatic lobar biliary tree mineralization, potential concurrent nonobstructive gallbladder mineral/choleliths
- Sonographically unremarkable gastrointestinal tract

AGE

2015

WEIGHT

21.9 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although sampling is required for further assessment, the right kidney mass is most suggestive of neoplastic criteria. No obvious evidence of regional perinephric or intraabdominal metastasis. However, the right adrenal gland was not definitively visualized and potential for right adrenal involvement cannot be excluded.

INTERPRETED BY

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(Canine and Feline)

The lobar biliary tree mineralization, as well as potential cholelithiasis, is nonspecific and potentially incidental, however, this finding has, at times, been associated with underlying hepatobiliary inflammation if previous history of hepatic enzyme elevations.

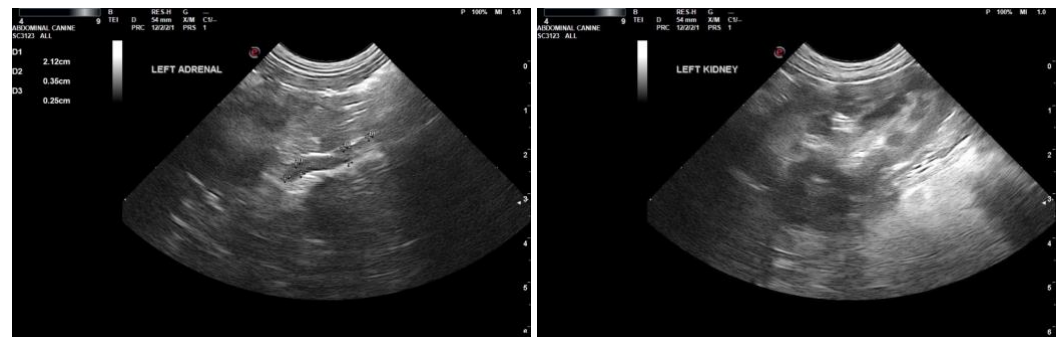
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FNA cytology of the right kidney mass could be considered for further assessment. Abdominal CT is likely ideal for further assessment of the right kidney mass, assessment for potential nonobvious regional metastasis, as well as surgical planning, assuming no evidence of pathology on three view chest radiographs.

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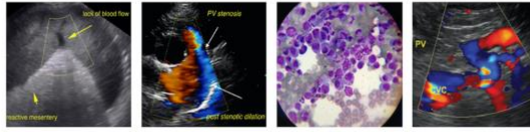
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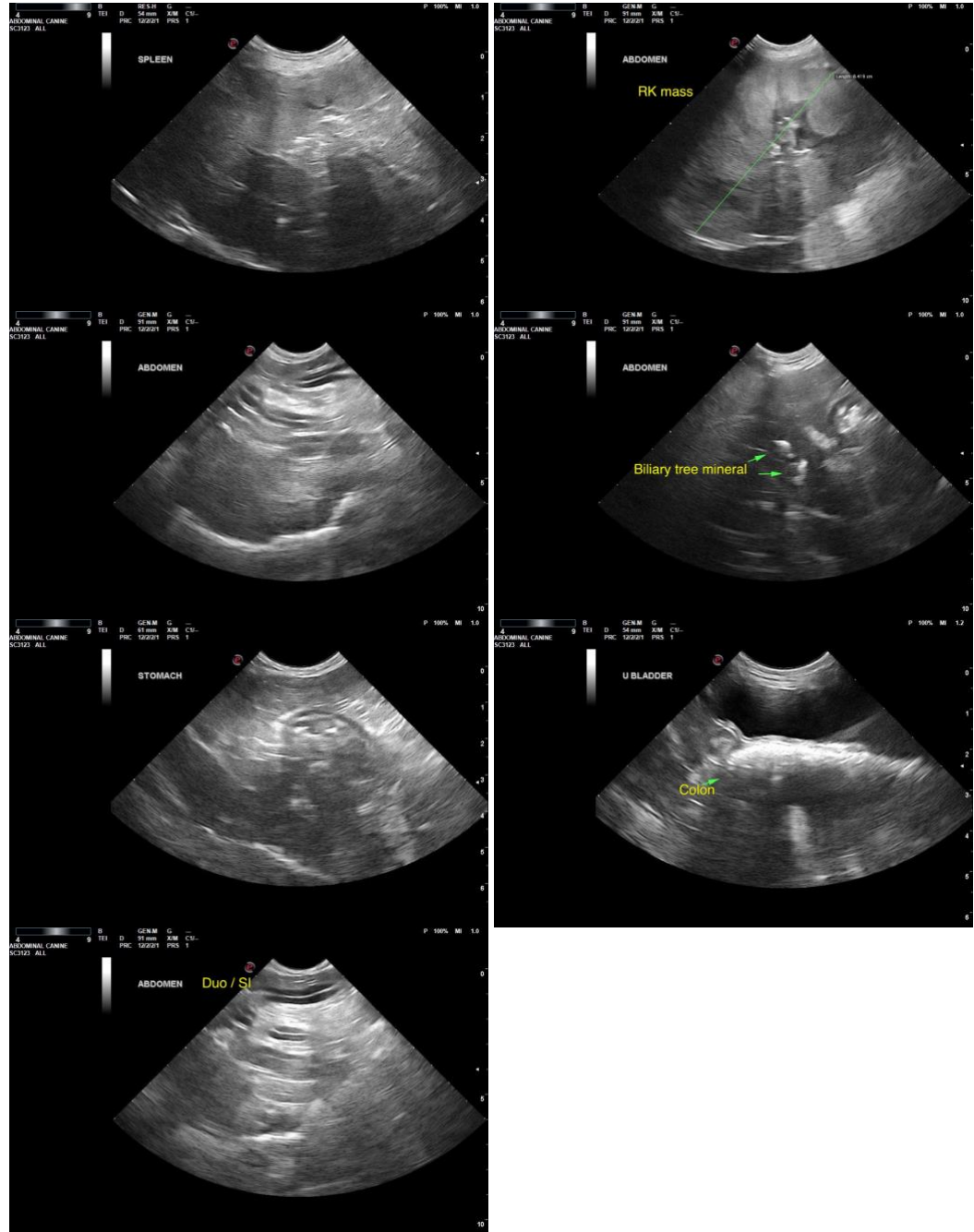
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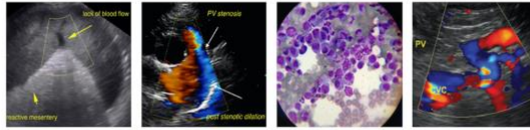
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)



PATIENT mac.daniel@sonopath.com

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