

**PATIENT**

Pepper Banfield

SPECIES

Canine

BREED

Poodle Mix

SEX

Neutered Male

AGE

13 Years

WEIGHT

20 Lbs.

INTERPRETED BYR. McKenzie Daniel, DVM,
DABVP (Canine and Feline)**IMAGING
PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Katie Merkes

INVOICE

13850

DATE

2/7/22

PRESENTING CLINICAL SIGNS

History: Decreased appetite about 2-3 weeks. Some vomiting (controlled with cerenia). Some weight loss.

Abnormal PE/Chem/CBC/UA Results: ALT/ALKP, not PU/PD. QAR.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Small dependent calculus (0.57 cm in diameter) present in the bladder with otherwise anechoic urine. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

No overt pathology in the area of the residual prostate.

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 5.1 cm in length. The right kidney measured 5.4 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.0 cm in length x 0.53 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.6 cm in length x 0.45 cm width at the caudal pole.

Spleen

The spleen presented generalized enlargement with reduced echogenicity and coarse echotexture. The capsule contour was rounded and asymmetrical or scalloped. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

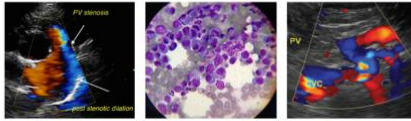
Liver

The liver exhibited generalized enlargement. Mild asymmetrical to swollen hepatic contour and generalized decreased parenchyma echogenicity, exhibiting moderate coarse echotexture along with diffuse nonobstructive areas of biliary tree mineral. A solitary intraparenchymal cyst was present in the subjective caudal aspect of the right to caudate liver, measuring 3.3 cm in diameter. Concurrent mineral to non-shadowing debris was present in the gallbladder. The cystic and common bile duct were normal.

Gastrointestinal

The stomach presented intact yet mildly prominent wall layering in the area of the pylorus with very minor retained pyloric fluid.

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.

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

Pepper Banfield

SPECIES***Pancreas***

Canine

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***Free Abdomen***

Poodle Mix

Multiple, enlarged, hypoechoic intraabdominal lymph nodes were present. The lymph nodes exhibited symmetrical to rounded margination with abnormal width: length ratio (>0.5). The enlarged lymph nodes were bordered by echogenic to reactive mesentery. An example of hepatic lymph node size measured 3.6 x 2.1 cm. Concurrent, mildly prominent hypoechoic to swollen medial iliac lymph nodes were present. An example of a medial iliac lymph node size measured 2.1 cm x 0.8 cm.

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Neutered Male

No effusion present.

AGE

13 Years

ULTRASONOGRAPHIC FINDINGS**Primary Findings****WEIGHT**

20 Lbs.

- Splenomegaly, exhibiting non-uniform decreased parenchyma echogenicity
- Hepatomegaly, exhibiting decreased parenchyma echogenicity, solitary intraparenchymal cyst and diffuse biliary tree mineral
- Non-obstructive choleliths
- Multifocal hyperechoic to swollen intraabdominal and medial iliac lymphadenopathy
- Mild gastritis pattern

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DABVP (Canine and Feline)

Secondary Findings

- Bilateral mild chronic renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**HOSPITAL NAME**

SVS Imaging QC

The appearance of the spleen as well as multifocal hypoechoic to swollen intraabdominal and medial iliac lymph nodes, consistent with multicentric round cell neoplasia, such as lymphoma or other, although sampling is required for a definitive diagnosis. Concern for concurrent hepatic involvement warranted, although not definitive. The biliary tree mineral, as well as the solitary cholelith may be incidental findings. Ultrasound guided hepatosplenic as well as lymphatic FNA, using a 25-gauge needle and assuming normal clotting status, recommended for screening cytology with potential for oncology consult. Continued (as needed) gastrointestinal supportive care recommended. Guarded prognosis, pending cytology. Three-view chest radiographs recommended, if not done.

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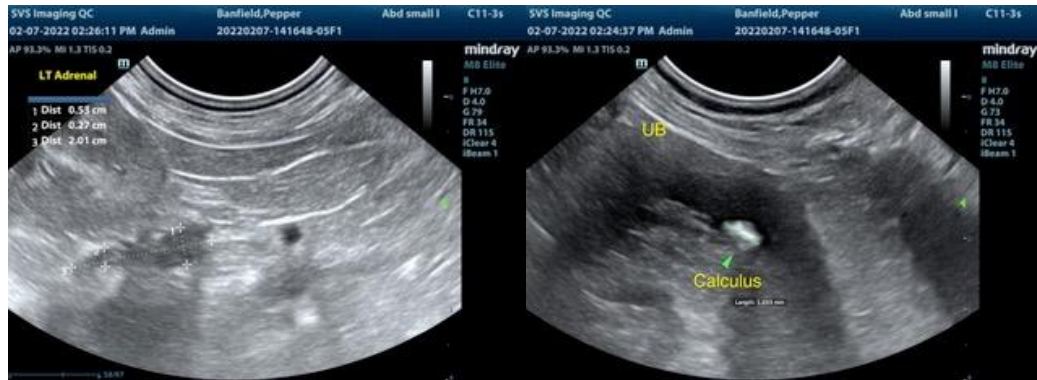
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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Sarah Pender, CVT

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.

HOSPITAL NAME

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

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