



PATIENT PRESENTING CLINICAL SIGNS

Maggie Saylor Not eating, bloated, ascites
 ALB 2.5 ALP 353 Sodium/Potassium ratio 26 CBC wnl

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Maltese Mix

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Mild asymmetrical luminal surface to micropolypliod changes were present likely associated with age related mural changes. Anechoic urine was present in the lumen with mild dependent mineral to small calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

FS

The area of the aortic trifurcation was free of pathology.

AGE

2008

Normal size and margination was 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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Multiple bilateral nonobstructive medullary renoliths were present along with multiple cortical cysts. No evidence of pelvic dilation was present.

WEIGHT

16

The left kidney measured 4.0 cm in length. The right kidney measured 4.5 cm in length.

Adrenal Glands

INTERPRETED BY

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

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.62 cm width at the caudal pole and 0.53 cm width at the cranial pole. The right adrenal gland measured 0.70 cm width at the caudal pole and 1.1 cm width at the cranial pole.

Spleen

IMAGING PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

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.

HOSPITAL NAME

Blue Ridge VC

Liver/ Gallbladder

REFERRING VET

Dr. Filchner

The liver presented enlarged in size with symmetrical yet swollen contour. The parenchyma exhibited conserved uniform parenchyma with normal echogenicity isoechoic to the spleen and falciform fat. The hepatic vasculature was dilated in appearance, most notable at the level of the hepatic vein / caudal vena cava junction, without evidence of thrombosis.

INVOICE

10452ag

Subjective distension of the cranial abdominal caudal vena cava at the level of the liver and gallbladder was noted, without evidence of thrombosis. The caudal vena cava measured 1.1 cm in diameter.

DATE

4/26/22

The gallbladder was non-distended in size. The gallbladder wall was mildly thickened in appearance consisting of an echogenic double rim corresponding to the inner and outer portions of the wall. Anechoic content with mild nonmineralized sludge was present. This is consistent with gallbladder wall edema. Possible causes may include acute inflammation, edema and anaphylaxis.



PATIENT *Gastrointestinal*

Maggie Saylor 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 gastric body wall measured 0.37 cm in width.

SPECIES

Canine The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio with segmental nonspecific mild jejunal mucosal speckling. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The jejunum wall measured 0.34 cm in width.

BREED

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

SEX

FS

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 were evident.

Free Abdomen

AGE

2008

Moderate volume anechoic peritoneal free fluid was present as well as generalized reactive mesentery.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

16

Primary Findings

- Hepatomegaly exhibiting evidence of vascular congestion-consistent with congestive hepatopathy.
- Mild gallbladder wall edema with mild luminal sludge.
- Moderate volume ascites with generalized reactive mesentery.
- Nonspecific segmental mild jejunal mucosal speckling.

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Secondary Findings

- Chronic renal changes with focal nonobstructive renolithiasis and cortical cysts.
- Mild urinary bladder mineral/small calculi.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given normal albumin levels and pending echocardiographic interpretation, the congestive hepatopathy as well as concurrent ascites is most likely cardiogenic in origin. Potential for segmental nonspecific enteritis/gastroenteritis is suspected. As needed GI support is recommended. Continued monitoring of ALB levels or for progressive GI signs and potential recheck sonogram is suggested.

REFERRING VET

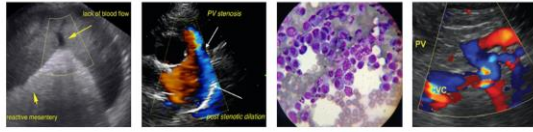
Dr. Filchner

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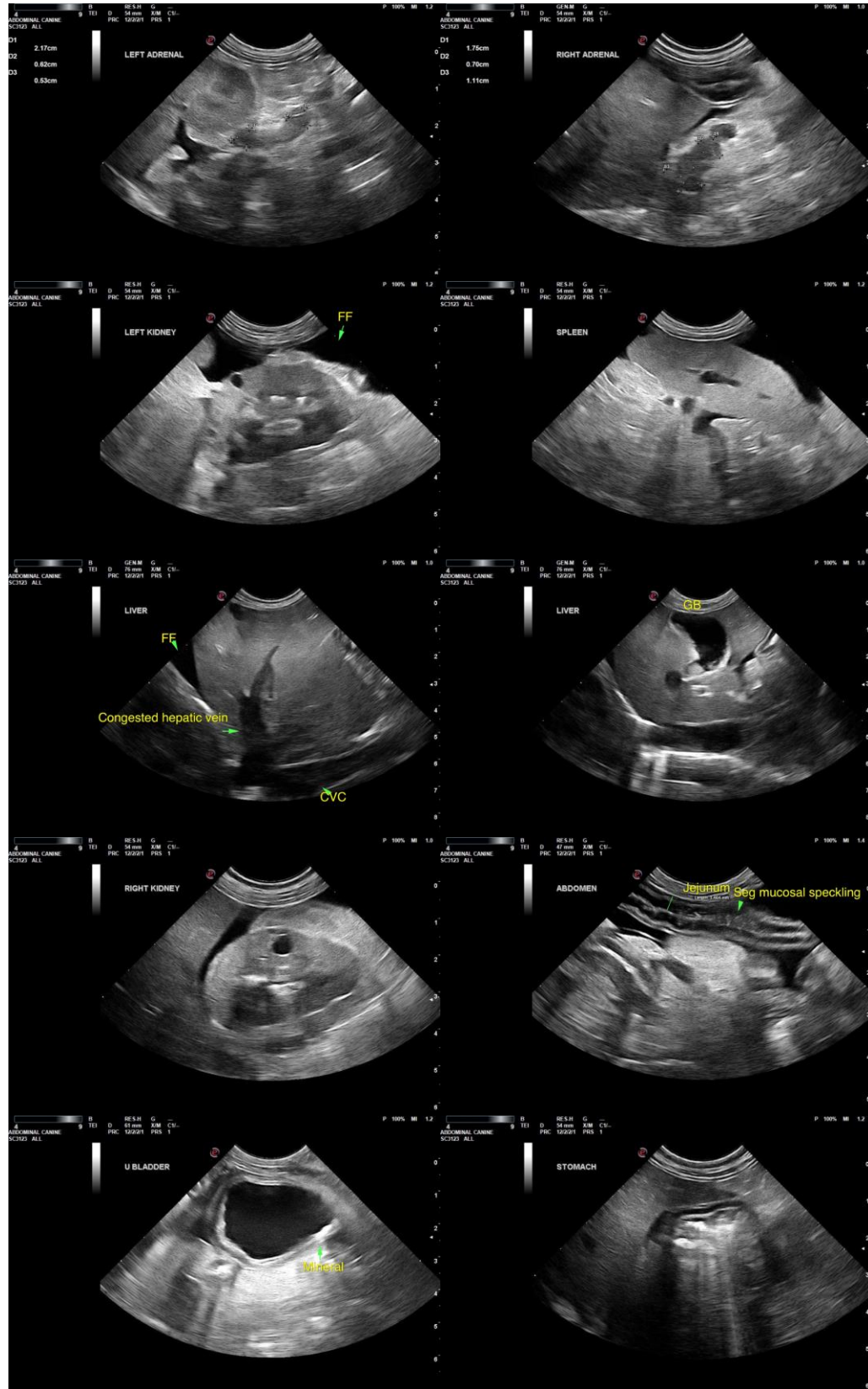
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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