



PATIENT	PRESENTING CLINICAL SIGNS
Fenway Comstock	Vomiting intermittently for the last week Enlarged spleen and liver on Ab x rays. 3/6 murmur detected on exam 58 images for the echo 53 for the Ab study.
SPECIES	Abnormal PE/Chem/CBC/UA Results: Non diagnostic
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	<i>Urinary System</i>
Beagle	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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	
MN	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 5.6 cm in length. The right kidney measured 5.2 cm in length.
AGE	
11	The area of the aortic trifurcation was free of pathology.
WEIGHT	The area of the residual prostate appeared normal and free of pathology.
17kg	<i>Adrenal Glands</i>
INTERPRETED BY	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.54 cm width at the caudal pole and 0.48 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 0.60 cm width at the cranial pole.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<i>Spleen</i>
IMAGING PERFORMED BY	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.
Dr. Belan	<i>Liver/Gallbladder</i>
HOSPITAL NAME	The liver exhibited potential for borderline enlargement. 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 with primarily anechoic luminal content. The cystic and common bile ducts were normal.
Aspen Animal Clinic	<i>Gastrointestinal</i>
REFERRING VET	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with mild luminal gas and no signs of ileus, obstruction or foreign material. The ventral gastric body wall measured 0.30 cm in width.
Dr. Sekhon	
INVOICE	
12973ag	
DATE	
02/14/2023	



PATIENT

Fenway Comstock

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

Pancreas

Canine

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

Free Abdomen

Beagle

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

SEX

MN

- Mild age related renal changes
- Sonographically normal GI tract, possible resolving gastritis
- Mild hepatic parenchymal remodeling, potential for minor hepatomegaly-benign
- Mild age related splenic changes, no evidence of splenic neoplastic criteria/masses
- Mild heterogenous pancreas, no sonographic evidence of active inflammation/neoplasia

AGE

11

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

17kg

Overall, there is no overt evidence of significant abdominal visceral pathology as a definitive cause of the patient's clinical signs. Largely mild geriatric changes noted. As needed GI support and empirical therapy for low grade gastritis which may include gastroprotectants and bland diet trial would be reasonable. A spec cPL could be considered to assess for low-grade or chronic pancreatitis as a contributing factor.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Aspen Animal Clinic

REFERRING VET

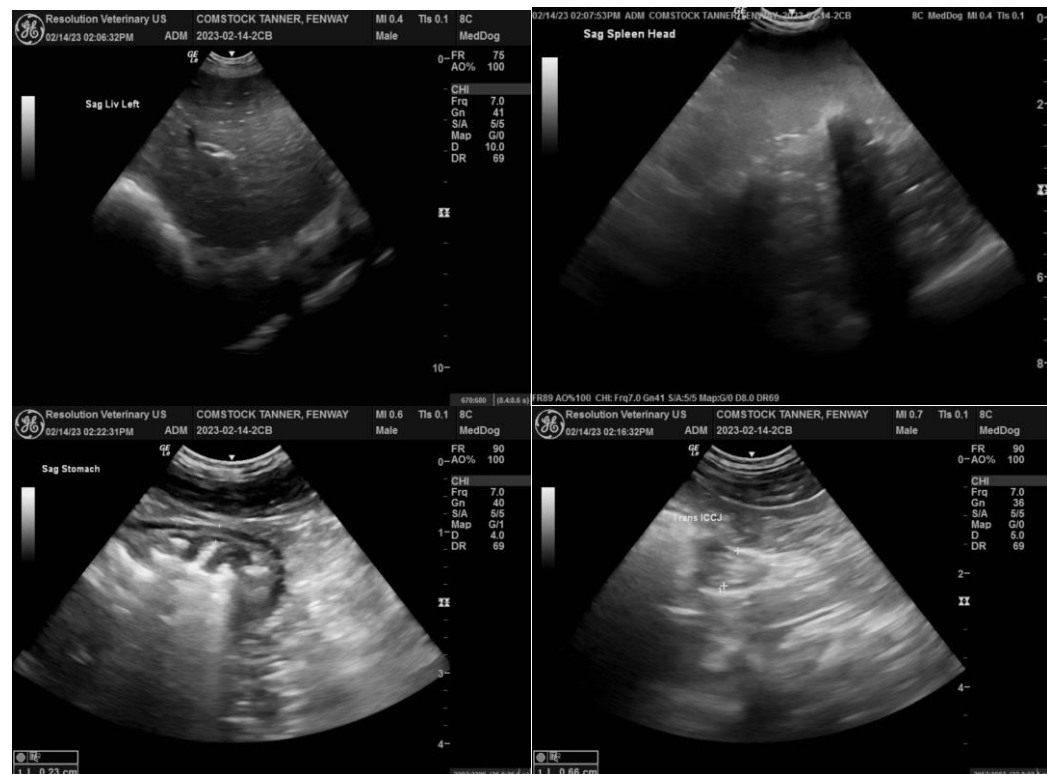
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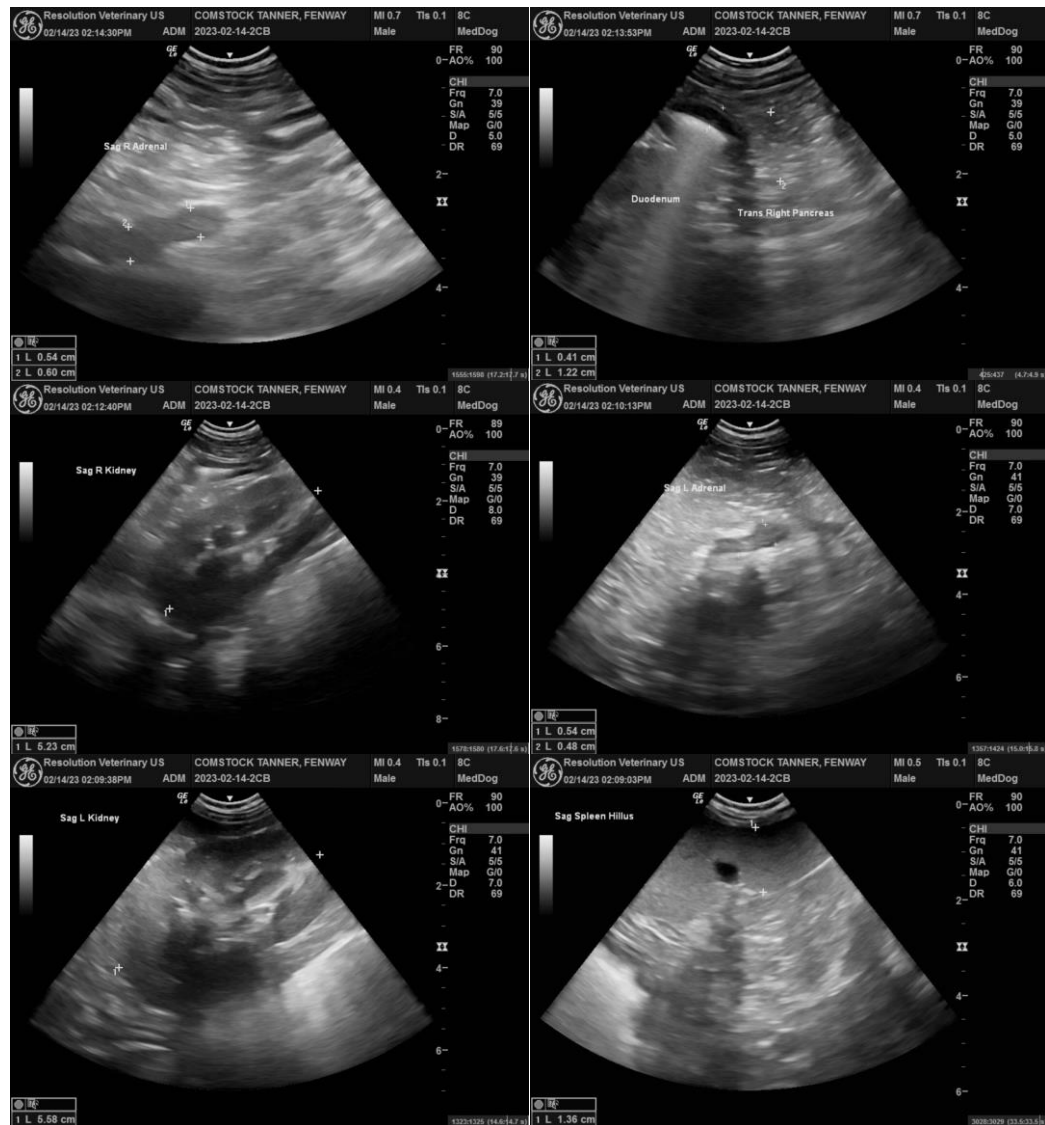
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
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