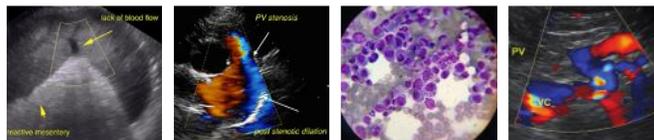


PATIENT	PRESENTING CLINICAL SIGNS
Sadie Stobbart	Dog has mobility issues multiple joints. Owner has noted the abdomen is getting larger. AUS for evaluation
SPECIES	Abnormal PE/Chem/CBC/UA Results: CBC WNL. increased liver enzymes. ALT 146 (N 10-125) ALKP 1901 (N 23-212), Lipa 4429 (N 200-1800)
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Pitbull Mix	Urinary System
SEX	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 was noted.
F/S	
AGE	The area of the iliac trifurcation was free of pathology including no evidence of medial Iliac or sublumbar lymphadenopathy/masses.
9 yrs 7 m	
WEIGHT	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 to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Minor medullary mineral was present. No evidence of pyelectasia was present. The left kidney measured 8.3 cm in length. The right kidney measured 8.3 cm in length.
42 kg.	
INTERPRETED BY	Adrenal Glands
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 2.4 cm length x 0.44 cm width at the caudal pole. The right adrenal gland measured 2.5 cm length x 0.64 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Dr. Brian Barnes	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	Liver/ Gallbladder
Westview VH	The liver was mildly enlarged with maintained symmetrical capsule contour and generalized nonhomogeneous to mildly mixed echogenic hepatic parenchyma exhibiting moderate coarse echotexture and evidence of parenchymal remodeling. No hepatic masses were noted. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
REFERRING VET	
Dr. Brian Barnes	
INVOICE	
14732	
DATE	
8/26/22	



PATIENT

Sadie Stobbart

SPECIES

Canine

BREED

Pitbull Mix

SEX

F/S

AGE

9 yrs 7 m

WEIGHT

42 kg.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Brian Barnes

HOSPITAL NAME

Westview VH

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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.

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.

Pancreas

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

Free Abdomen

No omental masses, lymphadenopathy, or evidence of peritoneal free fluid were noted.

ULTRASONOGRAPHIC FINDINGS

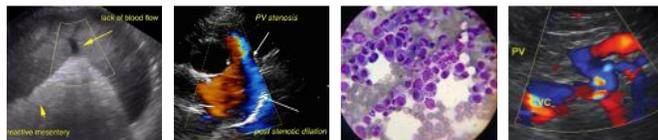
- Hepatopathy exhibiting nonhomogeneous nonuniform parenchyma - subjectively benign
- Mild heterogeneous pancreas - no evidence of sonographically active pancreatitis
- Bilateral mild chronic renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The overall liver was nonspecific with considerations including chronic vacuolar hepatopathy, inflammatory / immune-mediated disease, benign parenchymal remodeling with areas of indistinct nodular hyperplasia, hematopoiesis, fibrosis, or other hepatopathy, with neoplastic criteria considered a less likely differential diagnosis. Further assessment of the liver may include screening FNA cytology, assuming normal clotting status. Hepatic biopsy is likely required for a definitive diagnosis. Hepatosupportive medications may prove beneficial with continued monitoring of hepatic enzyme elevations and potential sonographic reassessment would be a more conservative approach vs. sampling at this stage.

No overt suspicion of primary adrenal disease, given an overall normal adrenal presentation and lack of reported clinical signs.

No evidence of peritoneal pathology i.e., intraabdominal masses or effusion.



PATIENT

Sadie Stobbart

SPECIES

Canine

BREED

Pitbull Mix

SEX

F/S

AGE

9 yrs 7 m

WEIGHT

42 kg.

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

IMAGING PERFORMED BY

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HOSPITAL NAME

Westview VH

REFERRING VET

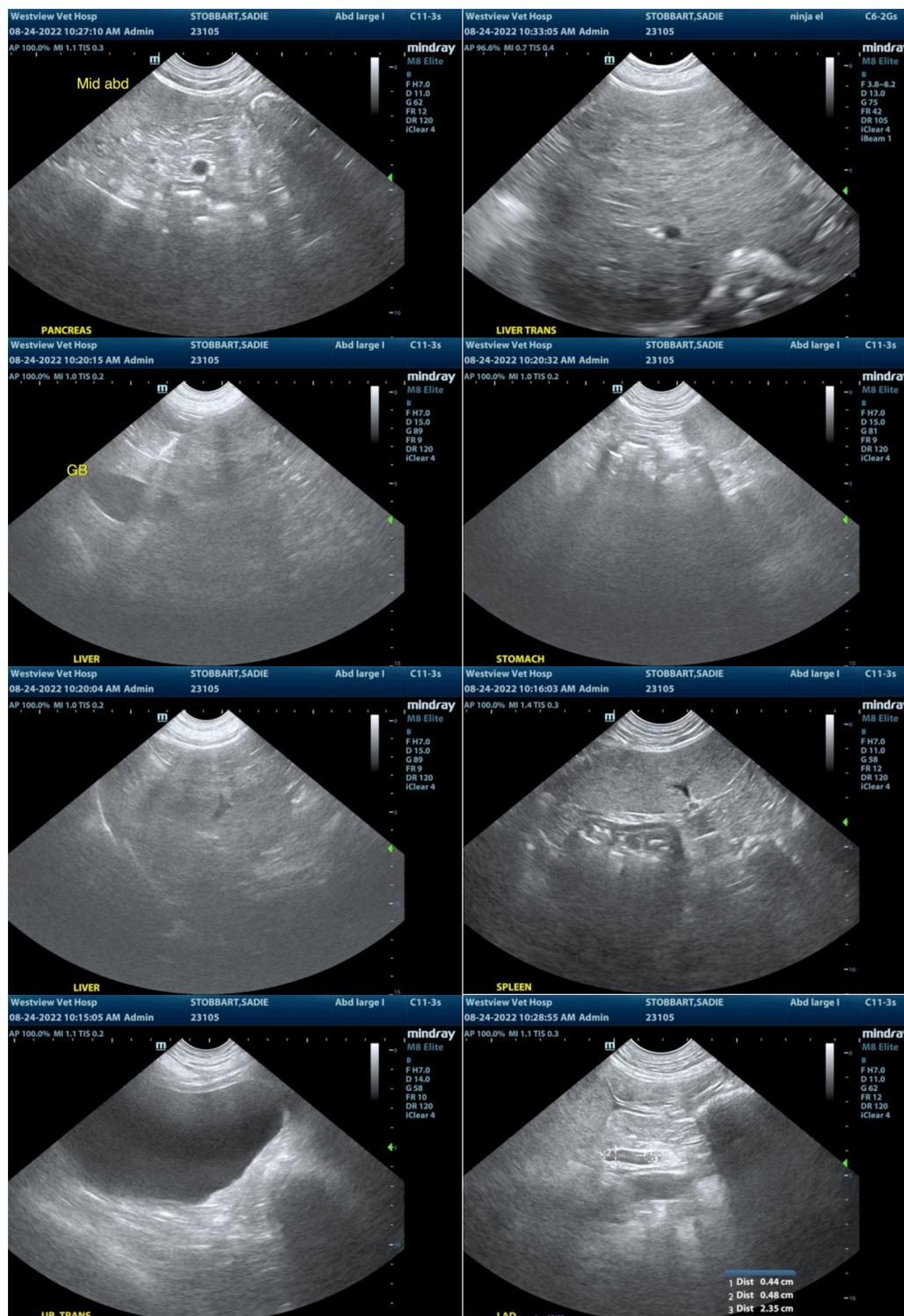
Dr. Brian Barnes

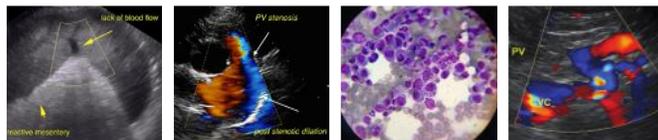
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PATIENT

Sadie Stobbart

SPECIES

Canine

BREED

Pitbull Mix

SEX

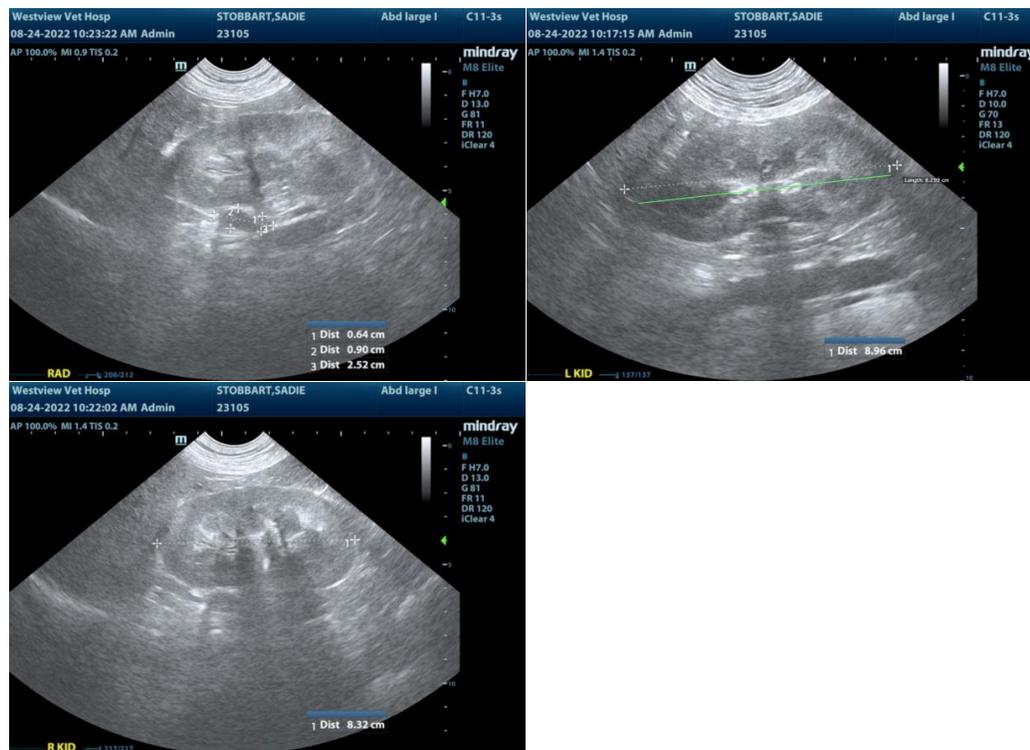
F/S

AGE

9 yrs 7 m

WEIGHT

42 kg.



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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)
info@SonoPath.com