



PATIENT	PRESENTING CLINICAL SIGNS
Brutus Bennett	Sent to our clinic from rural clinic with a history of hematuria (no straining), Lethargy. and cranial abdominal mass. Rural clinic began 40mg pred BID yesterday and Amoxicillin. Presented to our clinic for more advanced diagnostics. CBC, Chem, UA re done today at our clinic. Abdomen US and chest/abdomen al rads done today
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: Mass palpated in spleen. mildly painful. CHEM: hemolyzed. Elevated amy 2376 CBC: WBC elevated (35 N6-17); Elevated Neutrophils (30 n3-12) Anemis HCT 25%
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Great Dane	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild to moderate non-dependent particulate sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
MI	
AGE	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 8.2 cm in length. The right kidney measured 8.4 cm in length.
8yr	
WEIGHT	The area of the aortic trifurcation was free of pathology.
119	
INTERPRETED BY	The prostate was enlarged in size with intact, symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was mildly echogenic to heteroechoic without parenchymal mineralization. The prostate measured 4.5 cm in diameter.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Adrenal Glands
IMAGING PERFORMED BY	No obvious pathology was present in the area of the bilateral adrenal glands.
Dr. Lenz	Spleen
HOSPITAL NAME	The spleen exhibited marked generalized enlargement with folding. Symmetrical yet swollen capsule contour and generalized hypoechoic to lacy splenic parenchyma were present. Splenic vascularity was not assessed. Regional perisplenic hyperechoic mesentery was present.
State Avenue Veterinary Clinic	Liver
REFERRING VET	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
Dr. Lenz	Gastrointestinal
INVOICE	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.
11992ag	
DATE	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.
10/25/2022	



PATIENT

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

Brutus Bennett

Pancreas

SPECIES

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.

Canine

Free Abdomen

BREED

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

Great Dane

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

SEX

- Splenic torsion-potential for infiltrative round cell neoplasia i.e. lymphoma or other possible
- Mild urinary bladder sediment
- Benign prostatic hyperplasia-potential for prostatitis possible
- Sonographically normal liver
- Early to mild age-related renal changes

MI

AGE

8yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

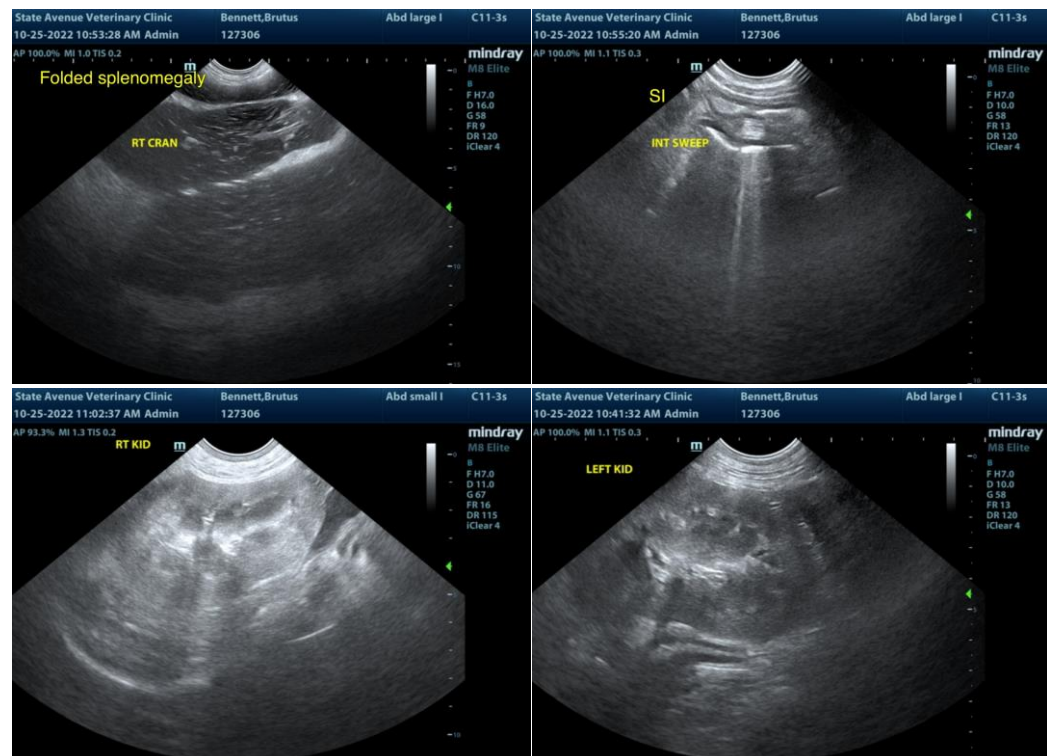
WEIGHT

Although assessment of splenic vascularity was not evaluated the sonographic appearance of the spleen was consistent with splenic torsion. Immediate exploratory laparotomy with splenectomy and submission of splenic tissue for histopathology is warranted. Three view chest radiographs are recommended if not done to assess for occult thoracic pathology. Broad spectrum peri-operative antibiotics recommended given WBC count. A guarded prognosis is indicated.

119

INTERPRETED BY

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



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Dr. Lenz

HOSPITAL NAME

State Avenue
Veterinary Clinic

REFERRING VET

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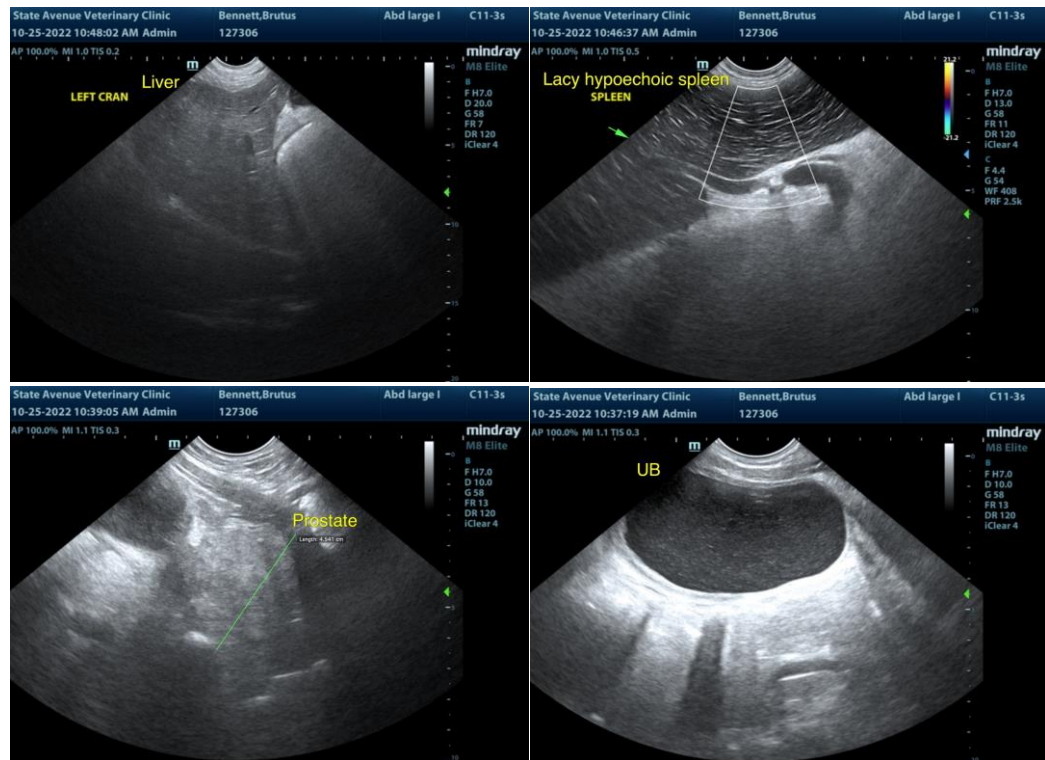
Dr. Lenz

INVOICE

11992ag

DATE

10/25/2022



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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