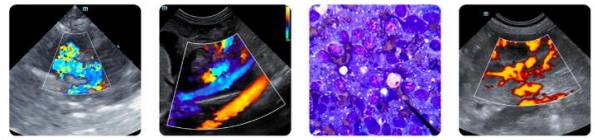




PATIENT	PRESENTING CLINICAL SIGNS
Bruno Clark	History of arrhythmia. EKG report from Idexx Cardiology Service diagnosis is sinus with VPCs, average HR 167bpm. Currently asymptomatic except for mild cough after drinking. Cardiologists recommend AUS as next diagnostic step to look for extra-cardiac cause for VPCs. He just started Sotalol 40mg PO BID on 11/25/25.
SPECIES	
Canine	
BREED	Abnormal PE/Chem/CBC/UA Results: PE: arrhythmia CBC/Chem abnormalities - mild elevation in ALT (126, n 118), Alk Phos (424, n 131), SDMA 14.2, BUN 40. CXR - cardiac silhouette WNL.
Mastiff Mix	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
MN	Urinary System
AGE	The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine or lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
16 years	
WEIGHT	The residual prostate was mildly enlarged in size with maintained symmetrical capsule contour and nonhomogeneous mildly hypoechoic parenchyma. Multifocal, hyperechoic parenchyma foci were noted. The residual prostate measured 2.1 cm in diameter.
51.1 lbs.	
INTERPRETED BY	No obvious significant medial iliac lymphadenopathy or masses were noted.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Normal size and margination were present in the left kidney. 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. No evidence of pelvic dilation was present. The left kidney measured 6.1 cm in length. Multiple, small cortical cysts and mild medullary mineral were noted in the left kidney.
IMAGING PERFORMED BY	Normal size and margination were present in the right kidney. 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. No evidence of pelvic dilation was present. A small caudal lateral cyst was noted measuring 0.7 cm diameter. Multiple small cortical cysts and mild medullary mineral were also noted in the right kidney. The right kidney measured 6.1 cm in length.
Shannon Matthies, DVM	
HOSPITAL NAME	
Saugerties AH	
REFERRING VET	
Shannon Matthies, DVM	
INVOICE	Adrenal Glands
10410	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.60 cm width at the caudal pole. The right adrenal gland was not definitively visualized.
DATE	
12/3/25	



PATIENT	<i>Spleen</i>
Bruno Clark	The spleen was normal in size and contour with primarily homogeneous parenchyma. A solitary, visualized, discreet, hypoechoic, nondisruptive perihilar splenic nodule was present, measuring 0.67 cm in diameter.
SPECIES	
Canine	<i>Liver/ Gallbladder</i>
BREED	The liver exhibited mild subjective hepatomegaly with normal contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild parenchymal remodeling. 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. Mild dependent lumen hyperechoic sediment to mineral was noted in the gallbladder. The cystic and common bile ducts were normal.
Mastiff Mix	
SEX	
MN	
AGE	<i>Gastrointestinal</i>
16 years	The stomach presented intact visible stomach wall. The lumen of the stomach contained mild to moderate ingesta exhibiting mild progressive distal acoustic shadowing and mild gastric gas without signs of obstruction or foreign material.
WEIGHT	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental mild nonshadowing ingesta / chyme was noted.
51.1 lbs.	The large intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental mild nonshadowing ingesta / chyme was noted.
INTERPRETED BY	Normal visible colon wall layers were present with apparent formed feces in lumen.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<i>Pancreas</i>
IMAGING PERFORMED BY	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.
Shannon Matthies, DVM	<i>Free Abdomen</i>
HOSPITAL NAME	No overt lymphadenopathy or peritoneal effusion was present.
Saugerties AH	ULTRASONOGRAPHIC FINDINGS
REFERRING VET	<ul style="list-style-type: none">• Mildly enlarged nonhomogeneous liver - chronic vacuolar or cholestatic hepatopathy, inflammatory disease, hyperplasia, neoplasia (thought less likely)• Discreet splenic nodule - subtle lymphoid hyperplasia, hematopoiesis, emerging primary or metastatic splenic neoplastic nodule thought less likely• Normal gastrointestinal tract with gastrointestinal ingesta - probable post prandial presentation• Chronic renal changes exhibiting mild medullary mineral and cortical cysts• Mildly prominent mineralized residual prostate - prostatic mineralization often associated with neoplastic criteria• Mild nonobstructive gallbladder mineral
Shannon Matthies, DVM	
INVOICE	
10410	
DATE	
12/3/25	



PATIENT

Bruno Clark

SPECIES

Canine

BREED

Mastiff Mix

SEX

MN

AGE

16 years

WEIGHT

51.1 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Shannon Matthies,
DVM

HOSPITAL NAME

Saugerties AH

REFERRING VET

Shannon Matthies,
DVM

INVOICE

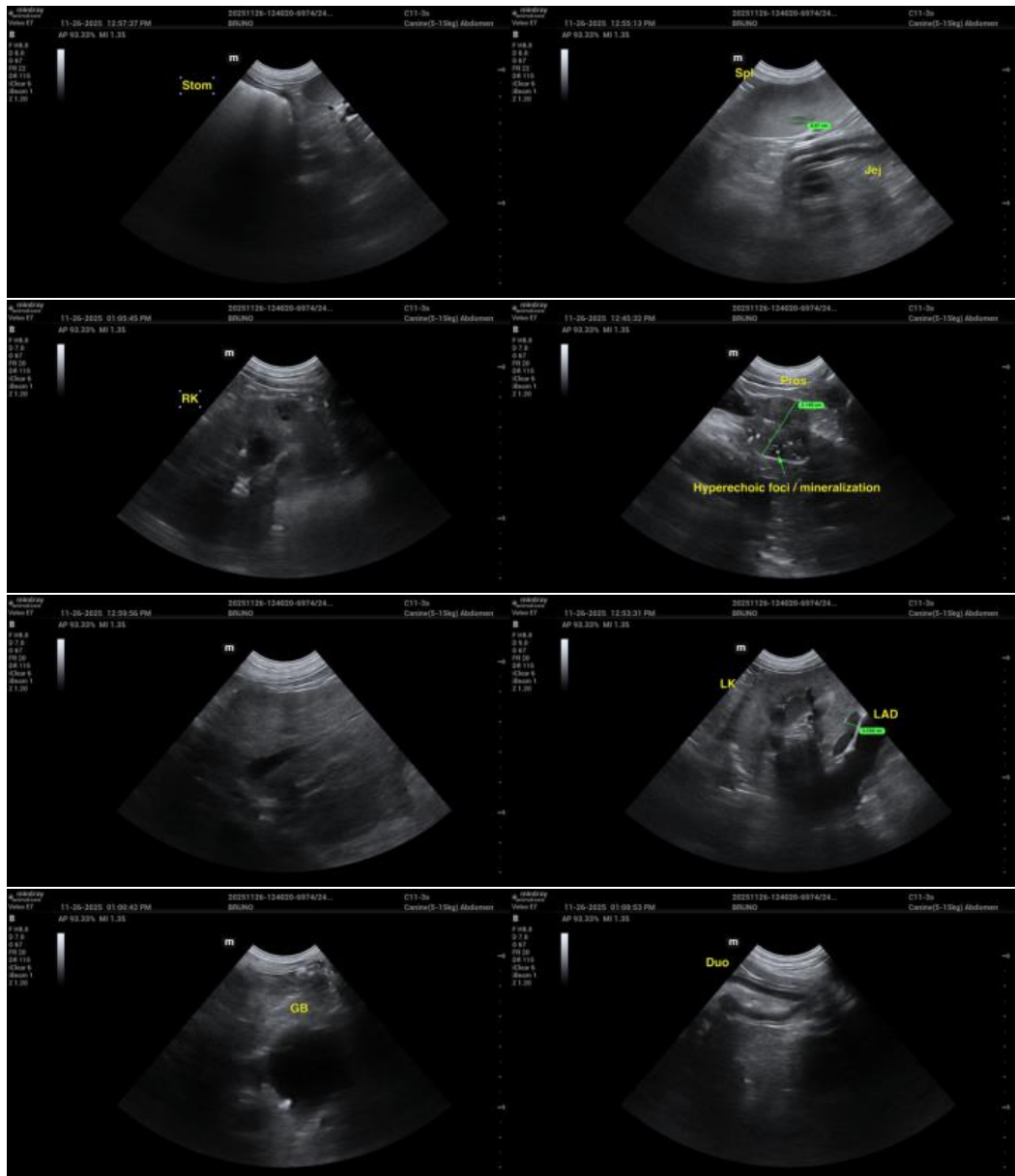
10410

DATE

12/3/25

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further assessment may include ultrasound-guided prostate FNA cytology or prostatic wash with screening hepatosplenic FNA cytology, assuming normal clotting status.





PATIENT

Bruno Clark

SPECIES

Canine

BREED

Mastiff Mix

SEX

MN

AGE

16 years

WEIGHT

51.1 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

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DVM

HOSPITAL NAME

Saugerties AH

REFERRING VET

Shannon Matthies,
DVM

INVOICE

10410

DATE

12/3/25

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