



PATIENT	PRESENTING CLINICAL SIGNS
Jeremy Maposita	History: Liver enzyme work up. Current meds: Denamarin Abnormal PE/Chem/CBC/UA Results: ALKP 302 elevated since 8/2021, BILE ACIDS PRE 9.4, POST 32.8
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder , trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. A mild amount of debris was noted. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.
Shih Tzu	
SEX	The residual prostate measured 0.5 cm.
Neutered male	The kidneys revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.36 cm. The left kidney measured 4.17 cm.
AGE	
10 years	
WEIGHT	Adrenal Glands
18.5 lbs	Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.42 x 0.55 cm at the cranial pole and 0.35 cm at the caudal pole. The left adrenal gland measured 1.58 x 0.38 cm at the cranial pole and 0.46 cm at the caudal pole.
INTERPRETED BY	Spleen
Eric Lindquist, DMV DABVP, Cert. IVUSS	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.
IMAGING PERFORMED BY	Liver
Shari Reffi, CVT	The liver was fairly normal in size. Slightly increased portal markings were noted. The portal vein to vena cava ratio was 1:1 and each measured 0.5 cm. There was no evidence of intrahepatic or extrahepatic shunting. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.
HOSPITAL NAME	
Banfield Bridgewater	
REFERRING VET	
Dr. Baker	
INVOICE	
42358	
DATE	
11/7/22	



PATIENT

Gastrointestinal

Jeremy Maposita

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

Canine

BREED

Shih Tzu

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen with minor hepatic remodeling.

AGE

10 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of intrahepatic or extrahepatic shunting. Spurious elevations of bile acids is possible. Core liver biopsy can be considered for further definition. There is no evidence of intrahepatic or extrahepatic shunting. However, empirical measures such as strict dietary regimen of Royal Canin hepatic support or similar as well as +/- 10-14 days of metronidazole and reassessment of the bile acid elevations as the changes in the liver are minor. The changes are largely expected for this age patient. Bile acid elevation may be a spurious elevation and should be confirmed with a repeat study.

WEIGHT

18.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Banfield Bridgewater

REFERRING VET

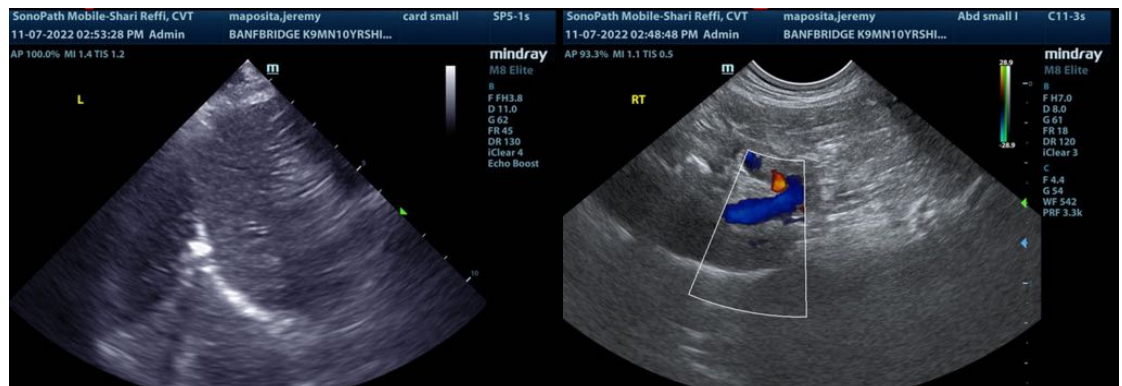
Dr. Baker

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PATIENT

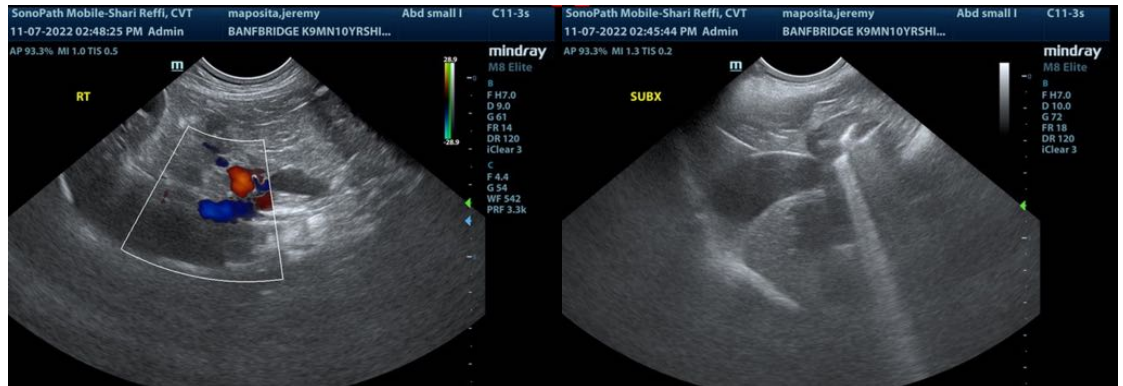
Jeremy Maposita

SPECIES

Canine

BREED

Shih Tzu



SEX

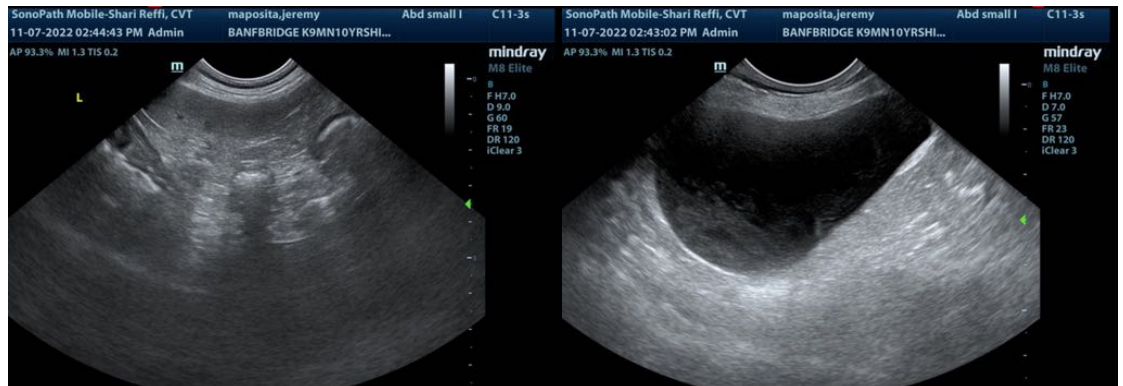
Neutered male

AGE

10 years

WEIGHT

18.5 lbs



INTERPRETED BY

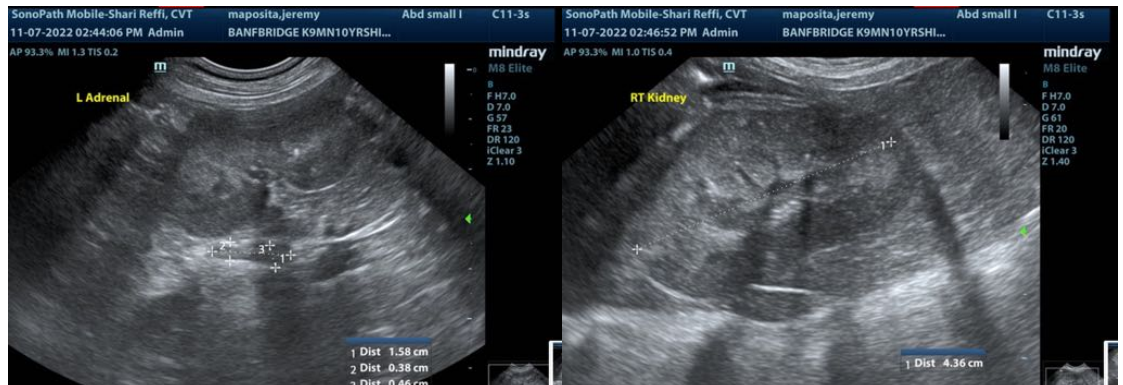
Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

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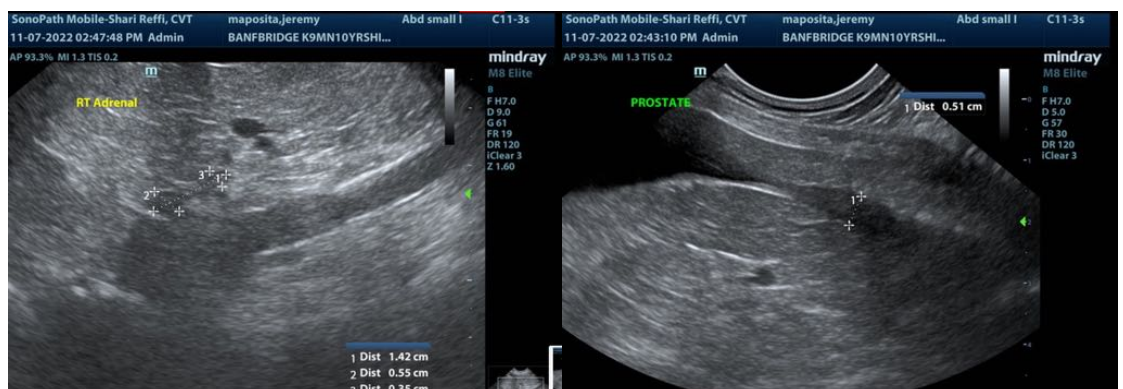
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PATIENT

Jeremy Maposita

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.

SPECIES

Canine

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.

BREED

Shih Tzu

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Info@SonoPath.com

SEX

Neutered male

AGE

10 years

WEIGHT

18.5 lbs

INTERPRETED BY

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