



PATIENT

Lola Babine

PRESENTING CLINICAL SIGNS

History: Acute increase in pancreatic blood values, no changes in behavior or any other symptoms.
Abnormal PE/Chem/CBC/UA Results: AlkP- 2103, T Bili - 0.5, PSL - 872

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shih Tzu

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Spayed female

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 4.1 cm.

AGE

13 years

WEIGHT

17.3 lbs

Adrenal Glands

The left **adrenal gland** was 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 left adrenal gland measured 0.45 cm at the cranial pole and 0.37 cm at the caudal pole. The region of the right adrenal gland was imaged with no evidence of pathology.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Christina

Spleen

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.

HOSPITAL NAME

Animal Health VC

REFERRING VET

Dr. Readdy

Liver

The **liver** revealed coarse architecture with mildly increased portal markings and non-specific remodeling. The gallbladder was unremarkable.

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Gastrointestinal

DATE

10/17/22

A minor amount of non-shadowing, non-obstructive ingesta was noted in the stomach. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool



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consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SPECIES

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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.

BREED

Shih Tzu

Free Abdomen

The iliac trifurcation was unremarkable.

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

AGE

13 years

Full stomach.

Mild to moderate hepatic remodeling.

Geriatric abdomen.

WEIGHT

17.3 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of significant pathology. There was no overt evidence of pancreatitis present; however, current resolution cannot rule out low-grade inflammation. Diet change can be considered to geriatric hydrolyzed diet. Bile acid profile can be considered to assess for early hepatic dysfunction, yet the parenchymal remodeling of the liver is considered mild to moderate.

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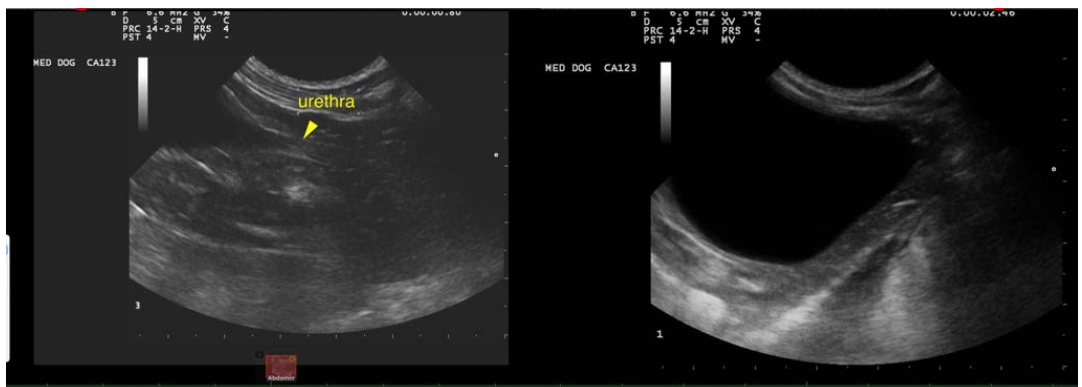
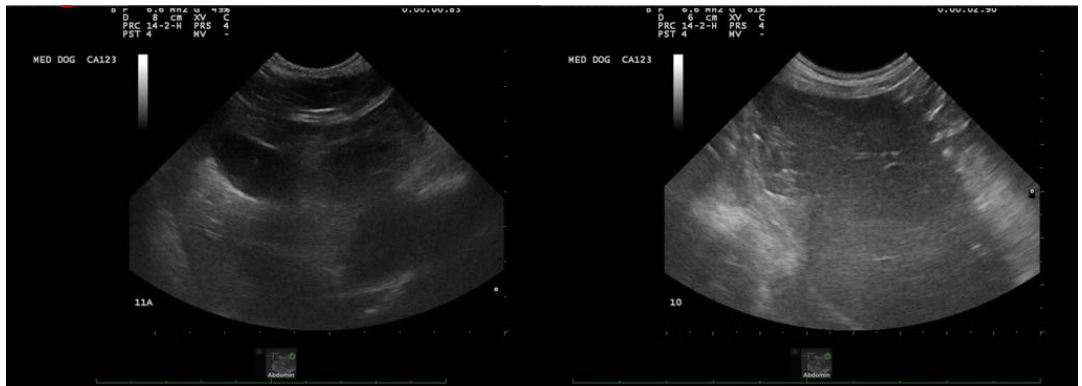
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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SEX

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AGE

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