



PATIENT

Tammi Dean

PRESENTING CLINICAL SIGNS

Declining health: poor appetite, increasing vomiting, wt loss since October
Cachexic look, mm atrophy, grade 3/6 L sys murmur (not new), grade 3/4 PDZ AST 182, ALT 258, ALP 340, PSL 142 WBC 24.4, plate 590, Neuts 20740, monocytosis 1220

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 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 left **kidney** measured 4.14 cm with mild increased cortical thickness. The right kidney measured 3.31 cm with hyperechoic cortical changes. This is consistent with fibrosis.

AGE

15 years

Adrenal Glands

WEIGHT

13.6 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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Dr. Casita

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

Companion AC

Liver

The **liver** revealed increased portal markings. A minor amount of gallbladder sand was noted.

REFERRING VET

Dr. Casita

Gastrointestinal

INVOICE

99279

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.

DATE

4/13/22



PATIENT

Pancreas

Tammi Dean

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Shih Tzu

Renal size disparity with fibrotic pattern of the right kidney.

Minor compensatory hypertrophy of the left kidney.

Minor gallbladder sand.

SEX

Spayed Female

Non-specific, hepatic inflammatory hepatopathy with minor gallbladder sand.

AGE

15 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver could be considered for further definition. Ursodiol therapy can be considered in an attempt to dissolve the gallbladder stones. There was no evidence of neoplasia. The cause of poor appetite is unclear. The abdominal changes are largely expected for this age patient.

WEIGHT

13.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Casita

HOSPITAL NAME

Companion AC

REFERRING VET

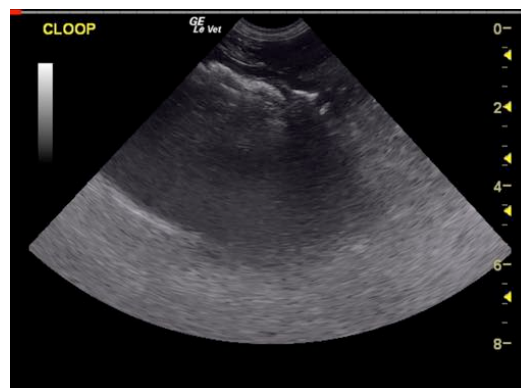
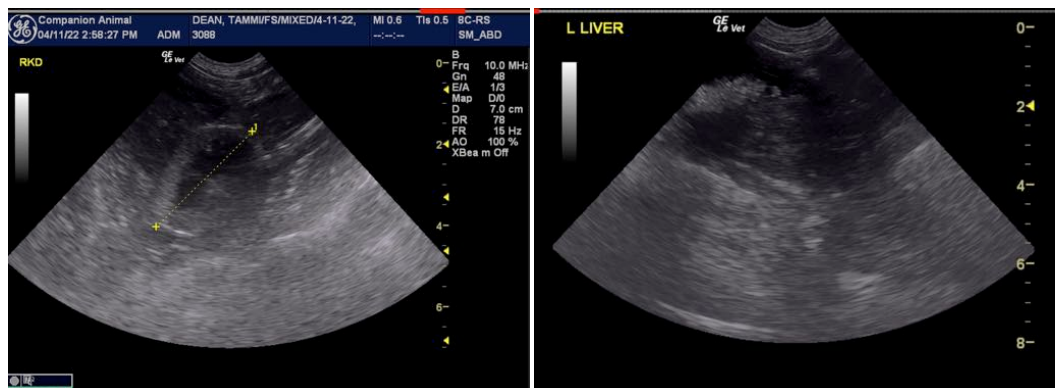
Dr. Casita

INVOICE

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PATIENT

Tammi Dean

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

Spayed Female

AGE

15 years

WEIGHT

13.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
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