



PATIENT

Sam Mandelzis

PRESENTING CLINICAL SIGNS

History: CHRONIC RENAL FAILURE SEVER AZOTEMIA LEPTO NEGATIVE URINE POSITIVE HYPERTENSIVE

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Tibetan Terrier

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 were noted. Ureteral papillae were normal.

SEX

Neutered Male

The **kidneys** revealed a moderate interstitial nephrosis pattern. The right kidney measured 4.23 cm. The left kidney measured 4.36 cm. Slight mineralizations were noted.

Adrenal Glands

AGE

12 Years

Both **adrenal glands** appear subjectively small. The left adrenal gland measured 0.4 cm. The right adrenal gland measured 0.4 cm.

Spleen

WEIGHT

27.3 Pounds

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 were noted. A hyperechoic lipogranuloma was noted, measuring 1.0 cm. cranial folding of the spleen was noted.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Barnea

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some moderate age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

HOSPITAL NAME

Tenafly VC

REFERRING VET

Barnea

Gastrointestinal

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.

INVOICE

17796

Pancreas

DATE

10/17/22



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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

- Moderate chronic degenerative renal changes, subjectively near end stage
- Subjectively small adrenal glands
- Age-related hepatic changes
- Lipogranuloma in the spleen and splenic fold

BREED

Tibetan Terrier

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Neutered Male

Even low potential, I recommend screening for Addisons that may be complicating the renal failure. 72-hour IV fluid protocol, blood pressures, baseline cortisol or ACTH stimulation, and urine culture is indicated if any inflammatory sediment is present. Prognosis is guarded to poor long term.

AGE

12 Years

WEIGHT

27.3 Pounds

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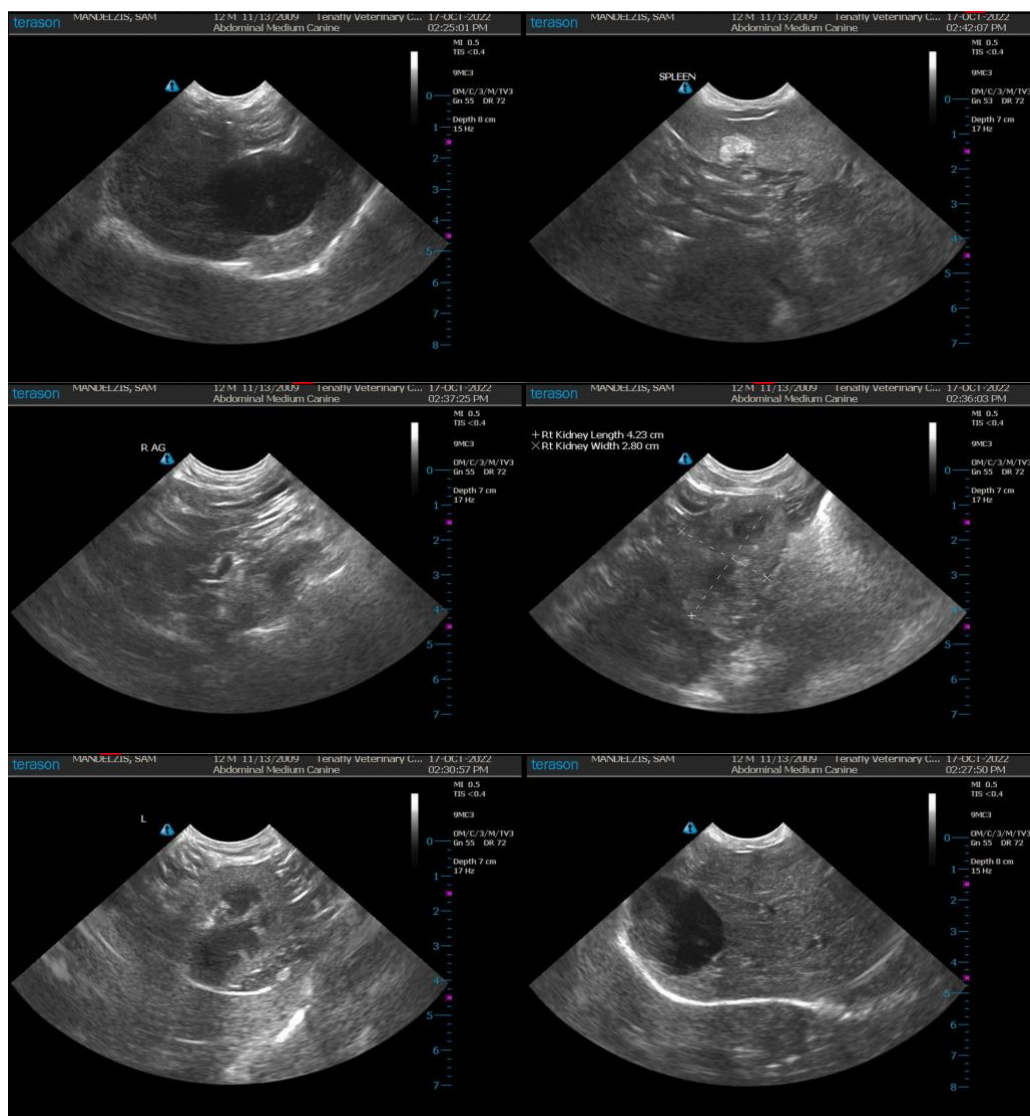
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Tibetan Terrier

SEX

Neutered Male

AGE

12 Years

WEIGHT

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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