



PATIENT PRESENTING CLINICAL SIGNS

Teddy Dee elevated renal values and persistent elevated HCT. not on any meds.
Abnormal PE/Chem/CBC/UA Results: BUN 57, crea 2.4, HCT 64, UA nsf, USPG 1.026

SPECIES **Patient tense upon imaging.

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Maltese 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. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

Spayed Female The **kidneys** revealed presented moderate heterogeneous changes with microinfarcts and mineralization. The kidneys were approximately 50-60% compromised. The left kidney measured 3.27 cm. The right kidney measured 3.17 cm.

AGE

10 Years

Adrenal Glands

The **left adrenal gland** presented normal size and contour, measuring 1.62 cm x 0.51 cm at the caudal pole and 0.47 cm at the cranial pole. The **right adrenal gland** measured 1.31 cm x 1.01 cm at the cranial pole and 0.52 cm at the caudal pole. Both adrenal glands presented minor heterogeneous parenchymal changes.

WEIGHT

8 Pounds

Spleen

INTERPRETED BY

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 were noted.

IMAGING PERFORMED BY

Diane McFadden

Liver

HOSPITAL NAME

Andover AH

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. 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.

REFERRING VET

Dr. Hummel

Gastrointestinal

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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

9/8/21

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.



PATIENT

Teddy Dee

ULTRASONOGRAPHIC FINDINGS

- Moderate degenerative renal changes
- Adrenal remodeling

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hydration status should be evaluated, 48 hour IV fluid protocol and reassessment of the adrenal glands. The adrenal glands were heterogeneous, yet no overt masses present. Blood pressure measurements also indicated. Complicating factors such as prerenal disease, infectious or toxic agents should be considered.

BREED

Maltese

SEX

Spayed Female

AGE

10 Years

WEIGHT

8 Pounds

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HOSPITAL NAME

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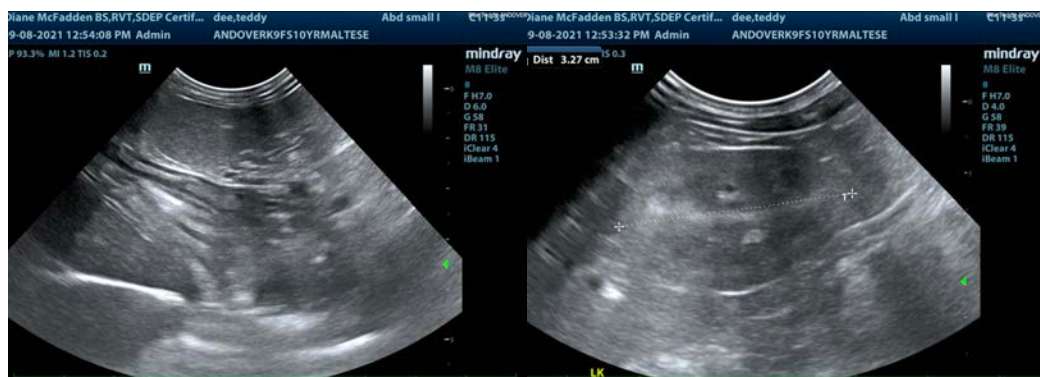
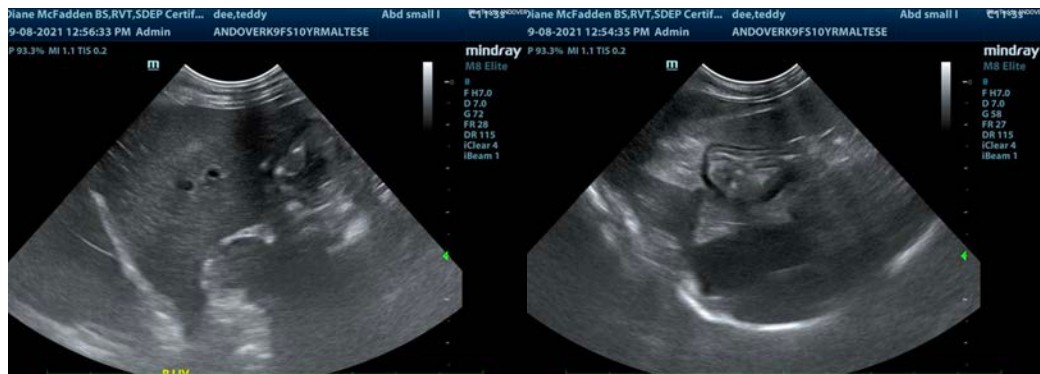
Dr. Hummel

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SEX

Spayed Female

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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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