



PATIENT

Timmy Alexander

PRESENTING CLINICAL SIGNS

H/O Pancreatitis and calcium oxalate uroliths . AUS being performed because of elevated liver values
Abnormal PE/Chem/CBC/UA Results: ALP 567

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Dachshund

The **urinary bladder** revealed a small calculus with minor acoustic shadowing. The calculus measured 0.35 cm and was non-obstructive at the time of the sonogram. The bladder was otherwise normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

SEX

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 4.5 cm. The left kidney measured 4.32 cm. Non-obstructive mineralizations noted in both kidneys.

AGE

8 Years

Adrenal Glands

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 left adrenal gland measured 1.15 cm x 0.48 cm at the cranial pole and 0.52 cm at the caudal pole. The right adrenal gland measured 1.85 cm x 0.63 cm at the cranial pole and 0.65 cm at the caudal pole.

WEIGHT

20 Pounds

Spleen

INTERPRETED BY

Eric Lindquist, DMV

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.

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ray Caughman

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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. Minor gallbladder debris present.

HOSPITAL NAME

Dogwood AH

Gastrointestinal

REFERRING VET

Dr. Ray Caughman

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

38157

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.

DATE

6/1/22



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ULTRASONOGRAPHIC FINDINGS

- Small bladder calculus, non-obstructive, echotexture consistent with oxalate
- Benign hepatopathy

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cystostomy with stone removal could be considered, or adjustment of the current medical management.

BREED

Dachshund

SEX

Neutered Male

AGE

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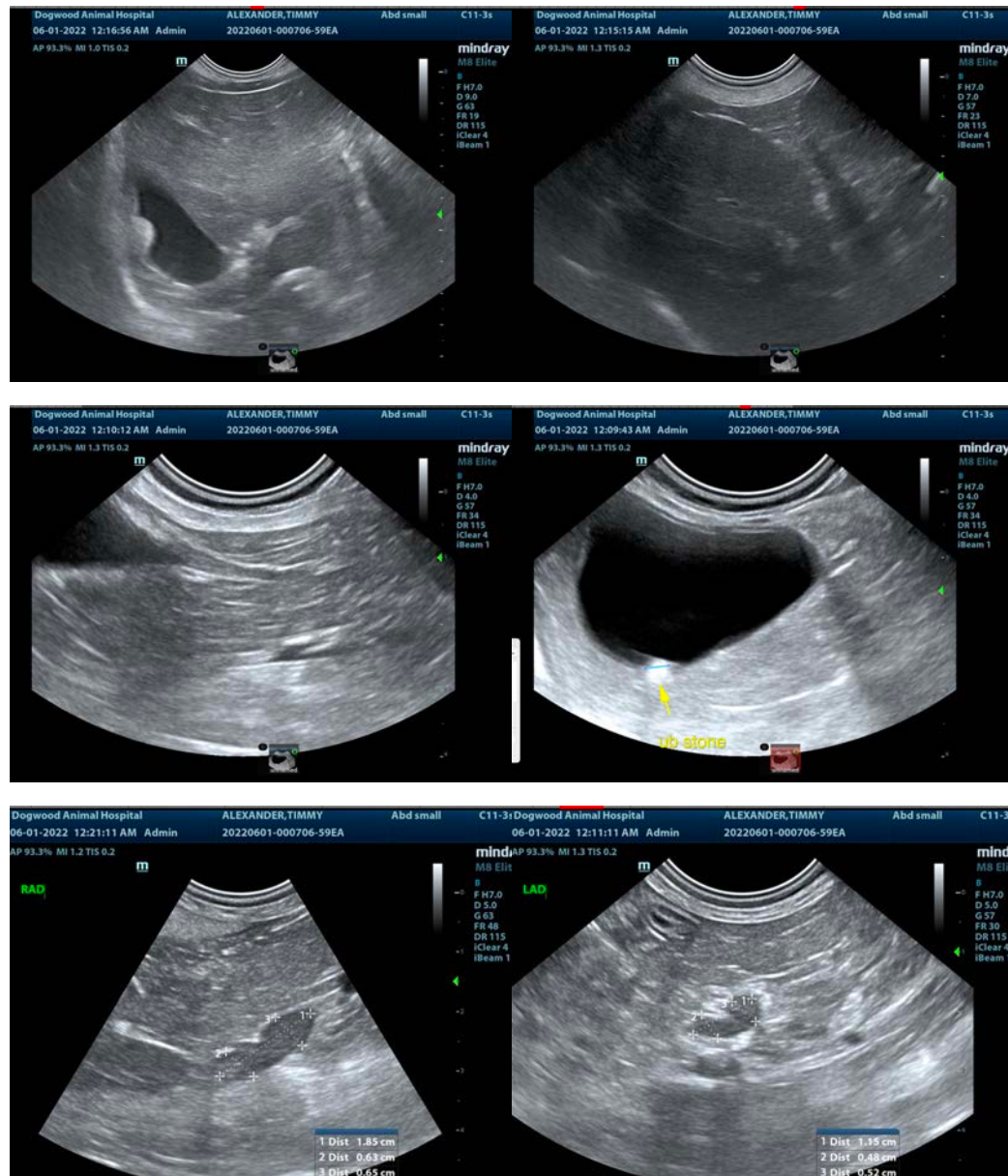
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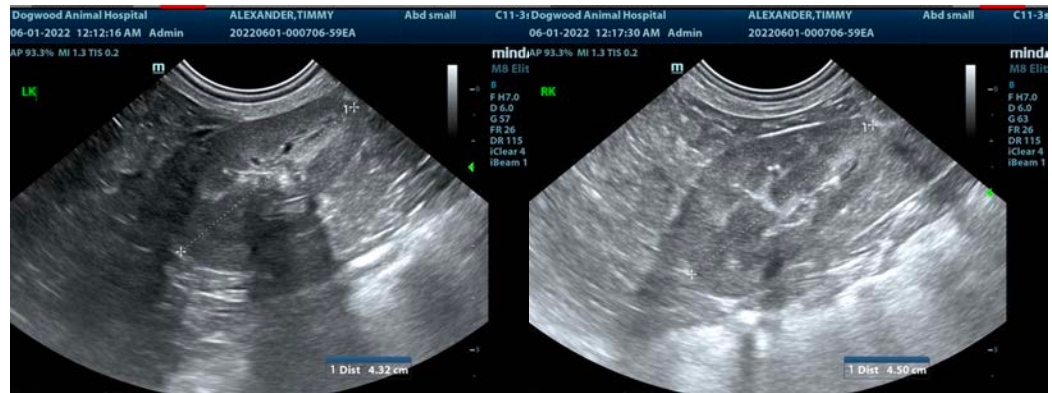
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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