



PATIENT

Oliver Harris

PRESENTING CLINICAL SIGNS

Not eating a few days ago. Started GI motility drugs and pain meds. Started eating yesterday, however severe elevation in liver enzymes on bloodwork.
Abnormal PE/Chem/CBC/UA Results: AST 1475 ALT 595 BUN 49

SPECIES

Rabbit

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

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

Male

AGE

10 months

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. Both kidneys measured 2.5 cm each.

WEIGHT

3 lbs

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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Parker

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

Lone Mountain AH

REFERRING VET

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Liver

The **liver** in this patient revealed a swollen, irregular right lobar liver with enhanced mesentery. The swelling measured approximately 2.0 cm. Color flow Doppler did not reveal any blood flow. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

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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. Transit of chyme was present in



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the small intestine. 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.

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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

ULTRASONOGRAPHIC FINDINGS

SEX

Male

Suspect right lobar liver torsion with regional inflammation.

AGE

10 months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery is recommended. Given the swollen irregular contour enhanced surrounding fat and lack of blood is criteria for lobar torsion. FNA could be considered. However, this is a surgical emergency.

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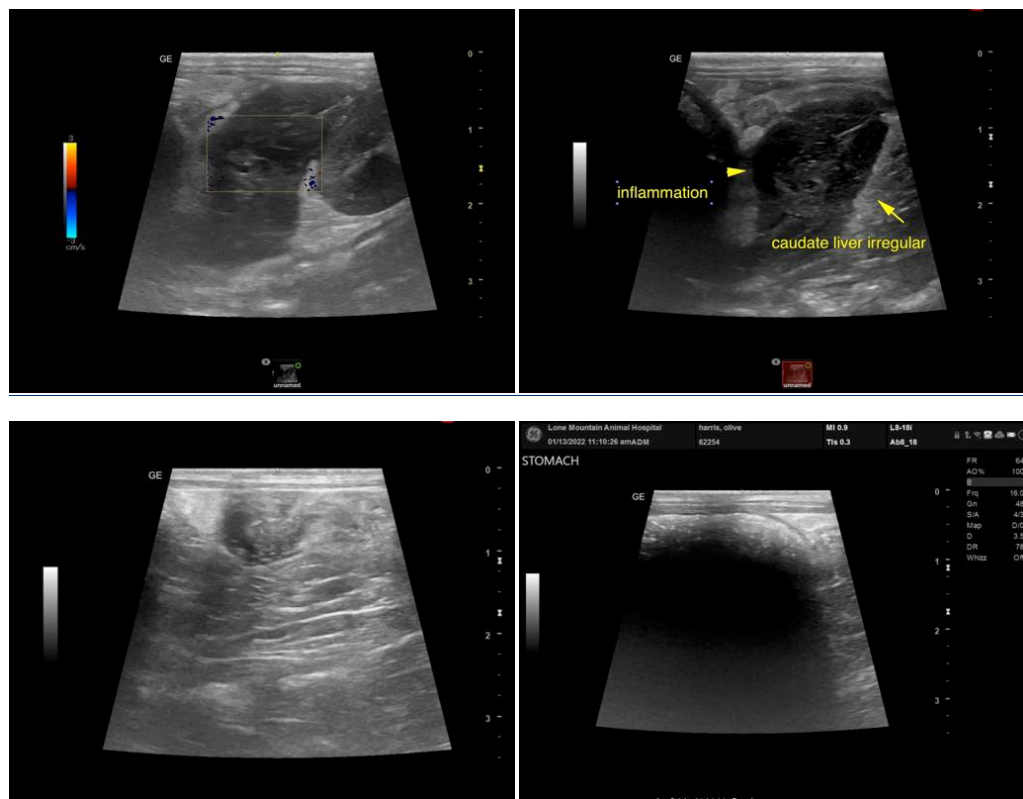
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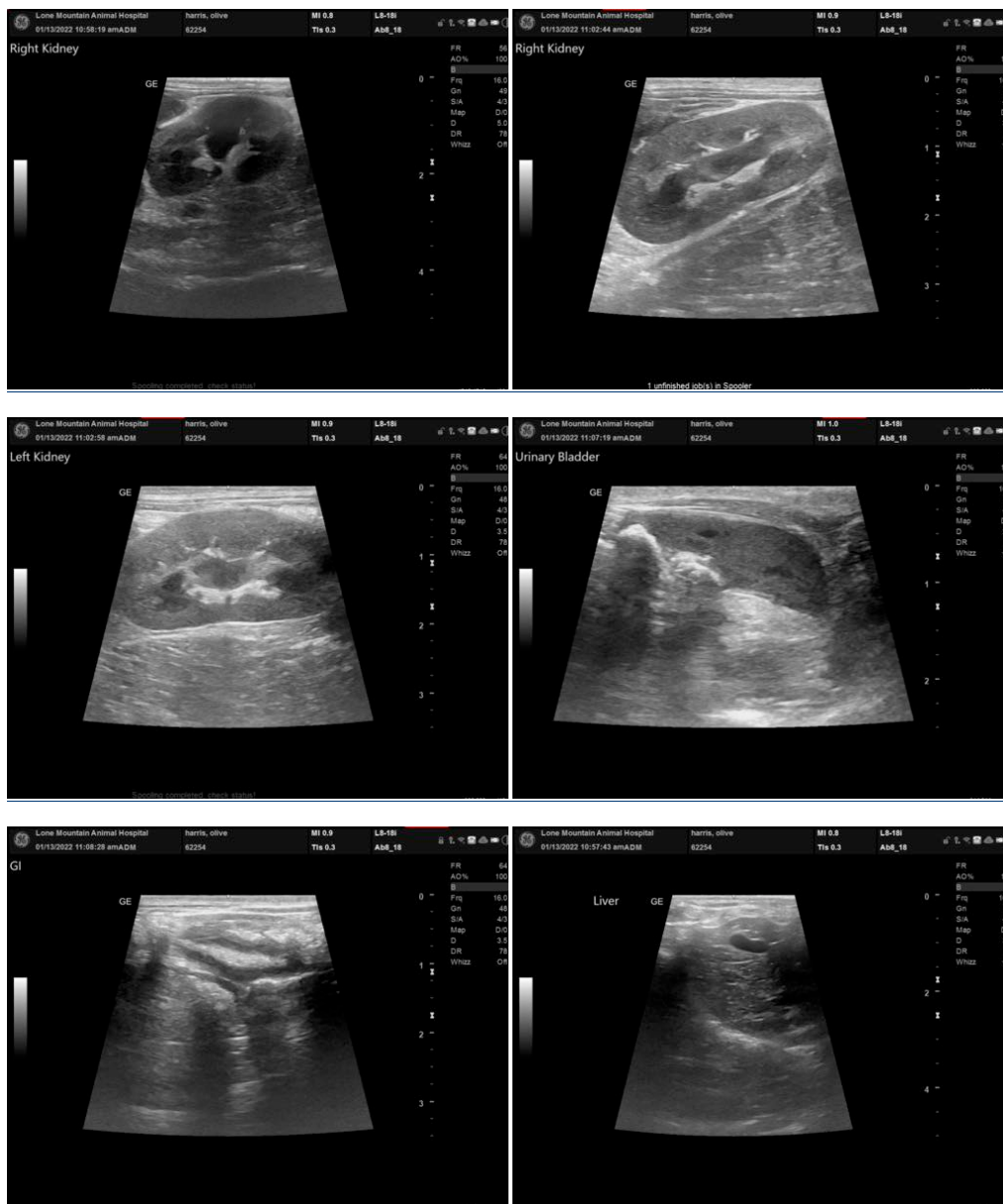
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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