



PATIENT

Cole Malone

SPECIES

Canine

BREED

Mix

SEX

Neutered Male

AGE

12 Years 7 Months

WEIGHT

22.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Kerri Becker

HOSPITAL NAME

Ringwood Animal
Hospital

REFERRING VET

Dr. Endy

INVOICE

74777

DATE

4/28/26

PRESENTING CLINICAL SIGNS

Chronic gi issues, decr. appetite, vomiting, soft stool. Meds- denamarin, pepcid, cerenia
Abnormal PE/Chem/CBC/UA Results: ALT-201 ALP-767 (Dec. 2025)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **kidneys** revealed normal size and structure, corticomodullary 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. Left kidney measured 4.77 cm. Right kidney measured 4.4 cm.

Adrenal Glands

Both **adrenal glands** measured at the upper limits of normal to slightly enlarged. Right measured 1.82 cm x 0.94 cm at the cranial pole and 0.71 cm at the caudal pole. Left measured 2.0 cm x 0.90 cm at the cranial pole and 0.74 cm at the caudal pole.

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. Occasional hyperechoic lipid plaque noted. 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.

Liver

The **liver** presented multifocal hypoechoic nodular changes, measuring up to 2.0 cm x 1.0 cm. The gallbladder and common bile duct were unremarkable.

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.

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.



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Heart

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Rapid view of the heart revealed no evident pathology, with an occasional arrhythmia.

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ULTRASONOGRAPHIC FINDINGS

- Likely hepatic nodular hyperplasia and low-grade inflammatory hepatopathy.
- Upper end of normal limits to slightly enlarged adrenal glands.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver would be ideal, especially if liver enzymes are elevated or weight loss is an issue. EKG indicated.

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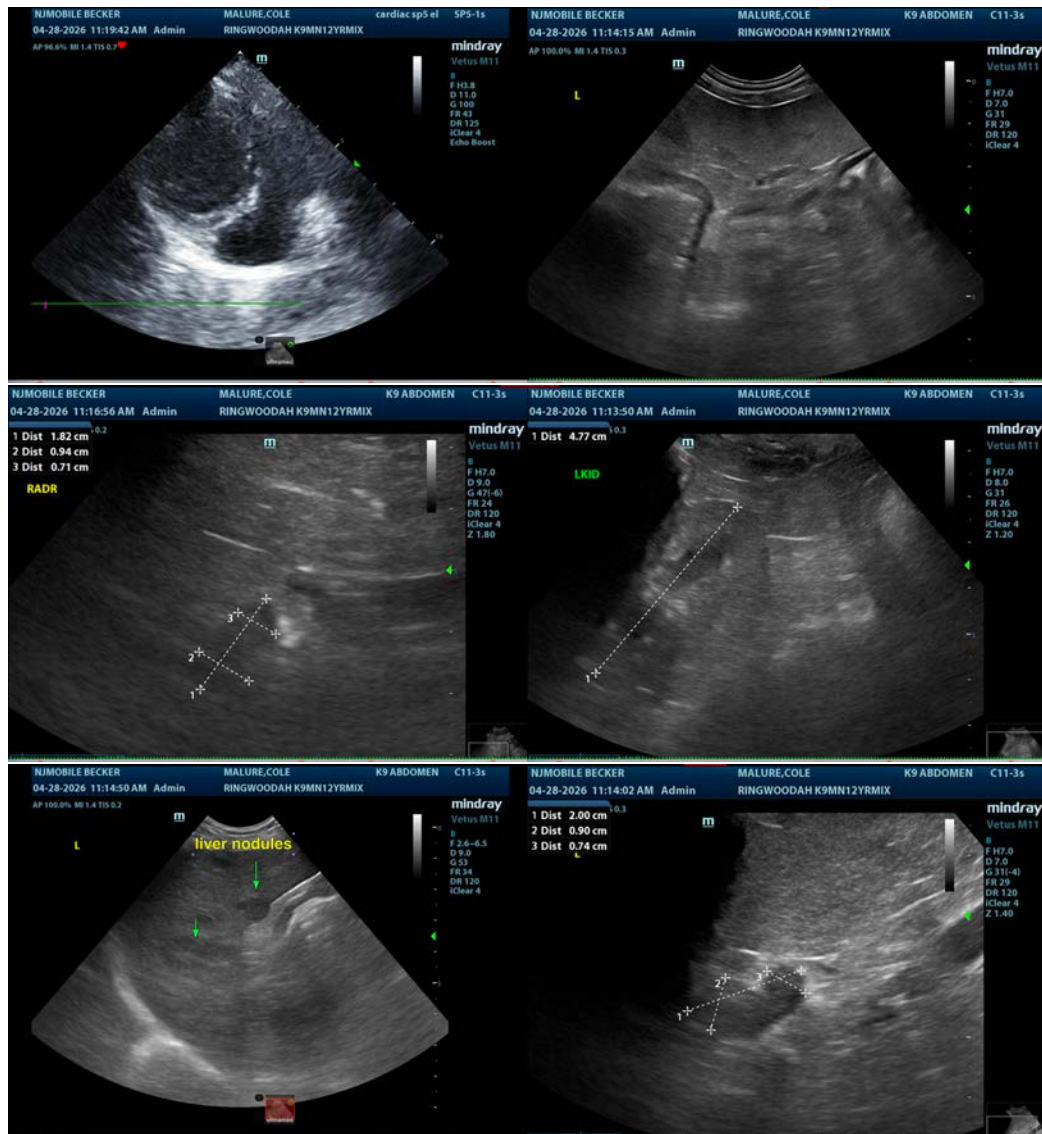
Dr. Endy

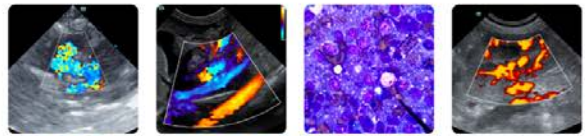
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
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