



PATIENT

Ot Liu

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered male

AGE

6 years

WEIGHT

68 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shen Li

HOSPITAL NAME

Dr. Shen Li Veterinary
Services

REFERRING VET

Dr. Lu

INVOICE

78217

DATE

6/1/26

PRESENTING CLINICAL SIGNS

History: Presented for recent onset of frequent snorting. Abdominal ultrasound to rule out possible metastatic disease.

Frequent snorting. Persistent anaplasma positive. The rest lab and UA WNL

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 was noted. Ureteral papillae were normal.

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 6.87 cm. The

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 1.58 x 0.57 cm at the cranial pole and 0.61 cm at the caudal pole. The right adrenal gland measured 0.6 cm.

Spleen

The **spleen** in this patient was slightly enlarged with subtle micronodular changes. This is likely hyperplasia. There was no evidence of masses noted. If any weight loss is an issue then FNA is indicated.

Liver

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.



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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. 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

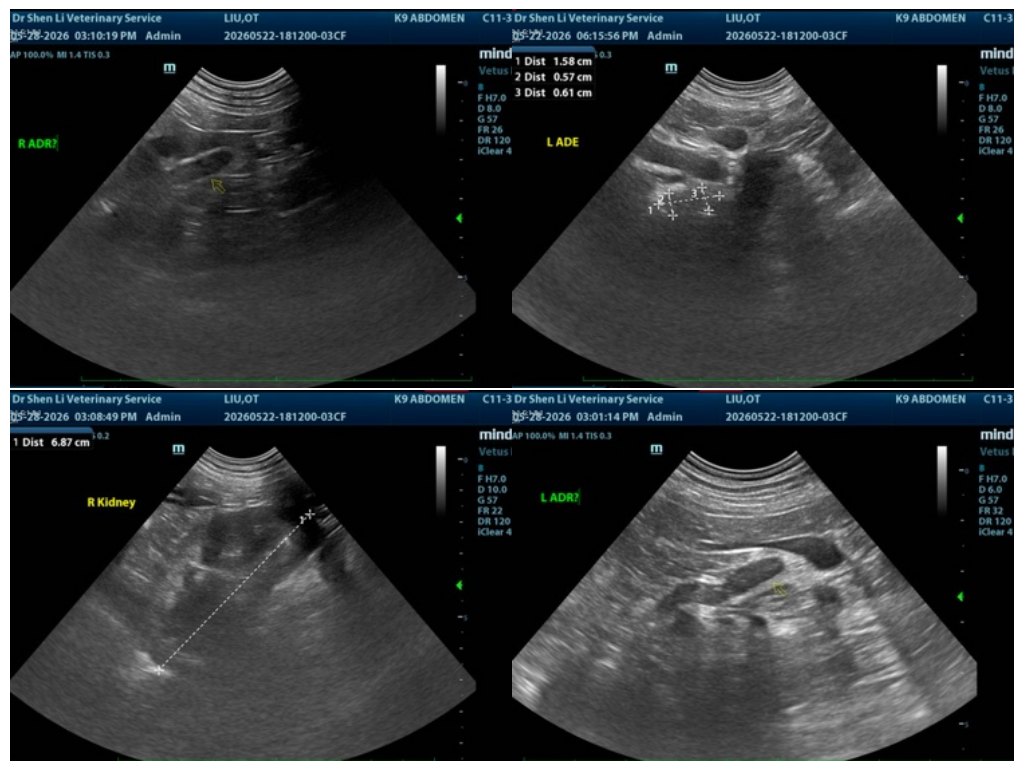
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Subtle micronodular spleen and minor enlargement. Most consistent with reactive spleen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of immune stimulation +/- ultrasound-guided FNA is indicated of the spleen if weight loss is an issue.





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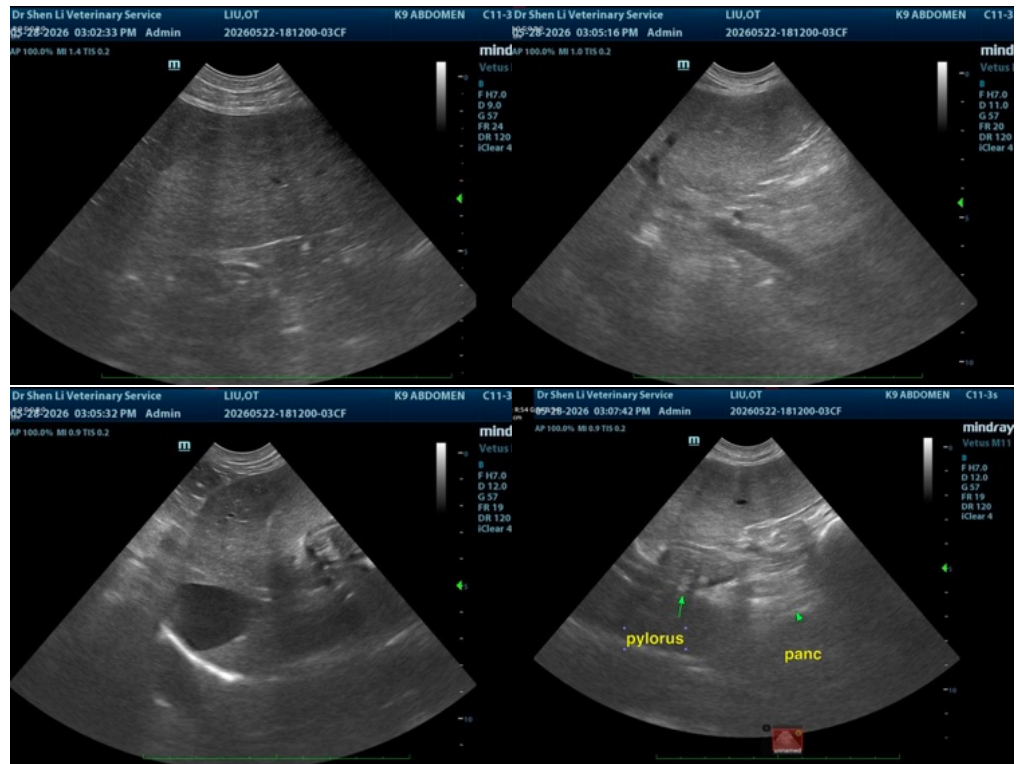
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

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