



## PATIENT

Cheif Hjellming

## SPECIES

Canine

## BREED

English Golden  
Retriever

## SEX

Neutered Male

## AGE

11 Years

## WEIGHT

68.6

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Raul Casas-Dolz

## HOSPITAL NAME

State Avenue Vet  
Clinic

## REFERRING VET

Dr. Raul Casas-Dolz

## INVOICE

16536

## DATE

05/27/26

## PRESENTING CLINICAL SIGNS

Reduced appetite over the past 3 weeks, drinking more but urinating the same over the past 3 weeks, Pet is weaker, not as active. Weight loss, was 76# 3 months ago, temp 102.9

Abnormal PE/Chem/CBC/UA Results: Alkaline Phosphatase 2373 U/L, Alanine Aminotransferase 231 U/L, Total Bilirubin 1.0 mg/dL, WBC 23.73, NEU 21.10, HGB 18.5, RDWc 20.5, PLT 514

## 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 **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 left kidney measured 6.5 cm in length. The right kidney measured 6.9 cm in length.

### Adrenal Glands

The **right adrenal gland** was not visualized.

The **left adrenal gland** was mildly enlarged measuring 1.05 cm.

### Spleen

The **spleen** presented mildly heterogenous and slightly swollen contour with minor generalized enlargement.

### Liver

The **liver** presented swollen and heterogenous with multifocal target lesions and enhanced pericapsular fat. Slight areas of free fluid were present. Heterogenous omental changes were also present. A minor amount of inspissated debris was visualized in the gallbladder without significant over distention. The hepatic lymph nodes were enlarged, rounded and hypoechoic.

### Gastrointestinal

Examination of the upper **gastrointestinal tract** revealed mild thickening.

### 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.

### Free Abdomen



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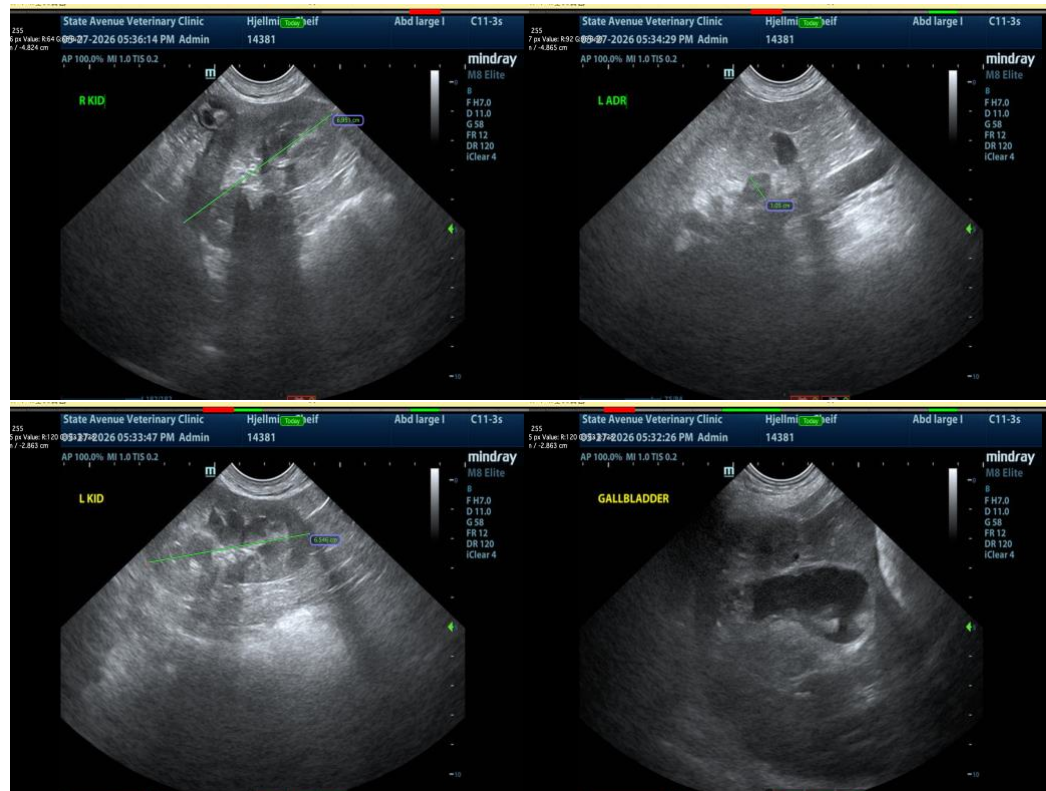
The mid abdominal **lymph nodes** presented abnormal length to width ratio with distorted, swollen, irregular contour. Parenchymal detail was indiscernible. This is most consistent with lymphoproliferative disease such as lymphoma/round cell neoplasia, metastatic disease, or an aggressive inflammatory process. FNA, cytology and culture are warranted. The lymph nodes measured up to 3.0 cm x 2.0 cm.

## ULTRASONOGRAPHIC FINDINGS

- Hepatic lymph nodes and mid abdominal lymph nodes, possibly GI based- round cell neoplastic pattern.
- GI thickening.
- Swollen heterogenous liver/spleen.
- Mildly enlarged left adrenal gland, non-visualized right adrenal gland.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the lymph nodes, liver and spleen are indicated. Prognosis is guarded to poor depending upon response to chemotherapy.





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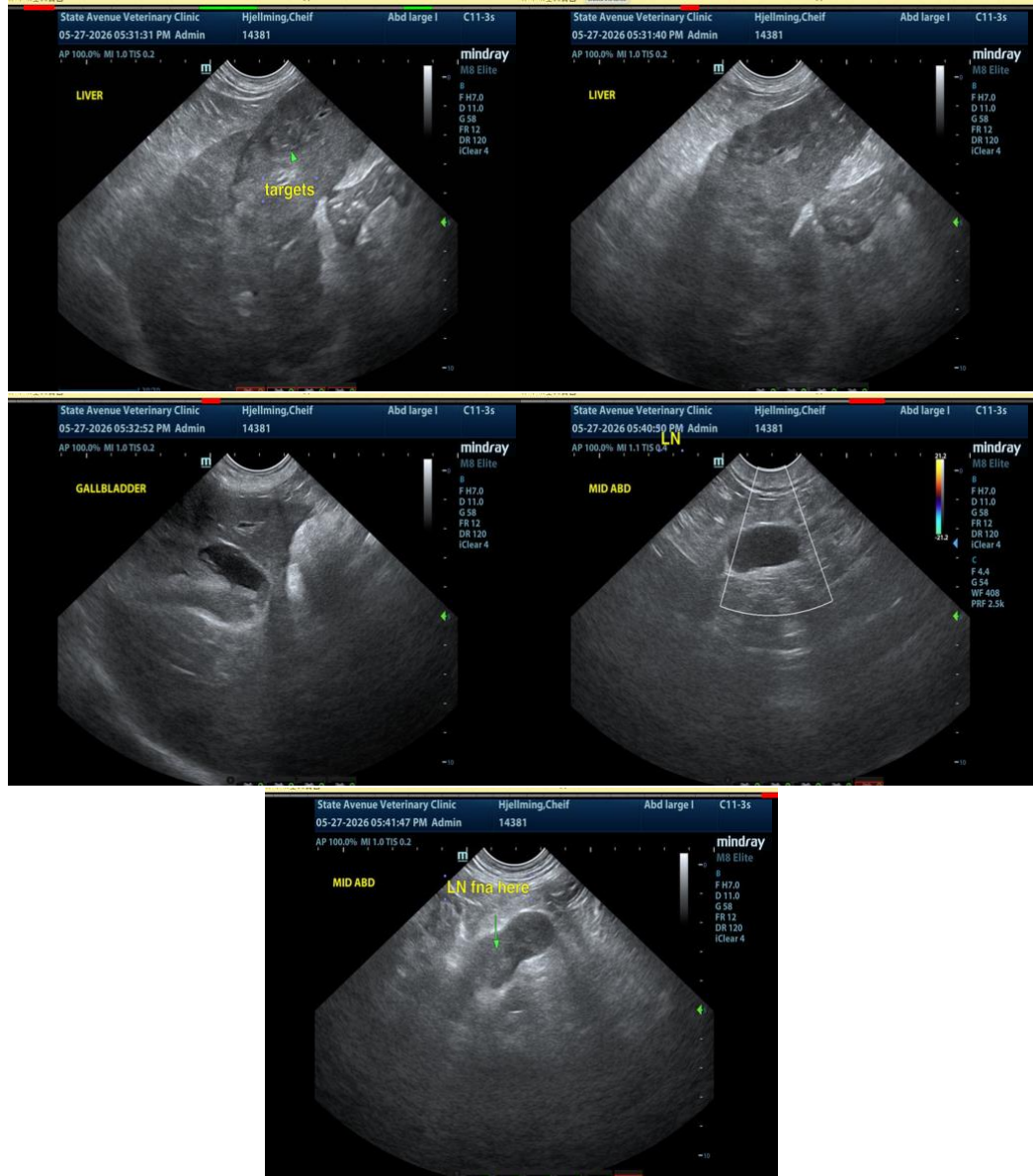
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Owner, Founder -- SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)



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