



## PATIENT

Ana Stine

## SPECIES

Canine

## BREED

Weimaraner

## SEX

Spayed female

## AGE

8 ½ years

## WEIGHT

82 lbs

## PRESENTING CLINICAL SIGNS

History: Chronically elevated ALP since 2023. Dramatic increase in liver values on wellness bloodwork 11/29/25 Previous ultrasound 12/19/2023

Abnormal PE/Chem/CBC/UA Results: AST (SGOT) 74 IU/L (15-66) ALT (SGPT) 329 IU/L (12-118) Alk Phosphatase 1233 IU/L (5-131)

## 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 left kidney measured 7.7 cm. The right kidney measured 7.2 cm.

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

### Adrenal Glands

The **left adrenal gland** was normal in size and contour measuring 0.67 cm. The right adrenal gland measured 1.3 cm at the cranial pole and 0.76 cm at the caudal pole.

## IMAGING PERFORMED BY

Kevin Moon, DVM

### 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

Shiloh VH

## REFERRING VET

Dr. Moon

### Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

## INVOICE

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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

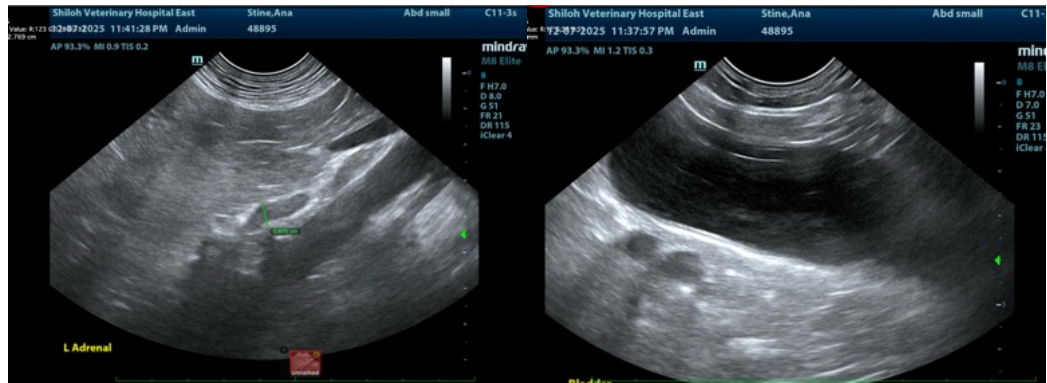
Benign hepatopathy.

Structurally unremarkable abdomen.

Fairly normal adrenal glands.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver can be considered for further definition, yet subjectively appears benign.





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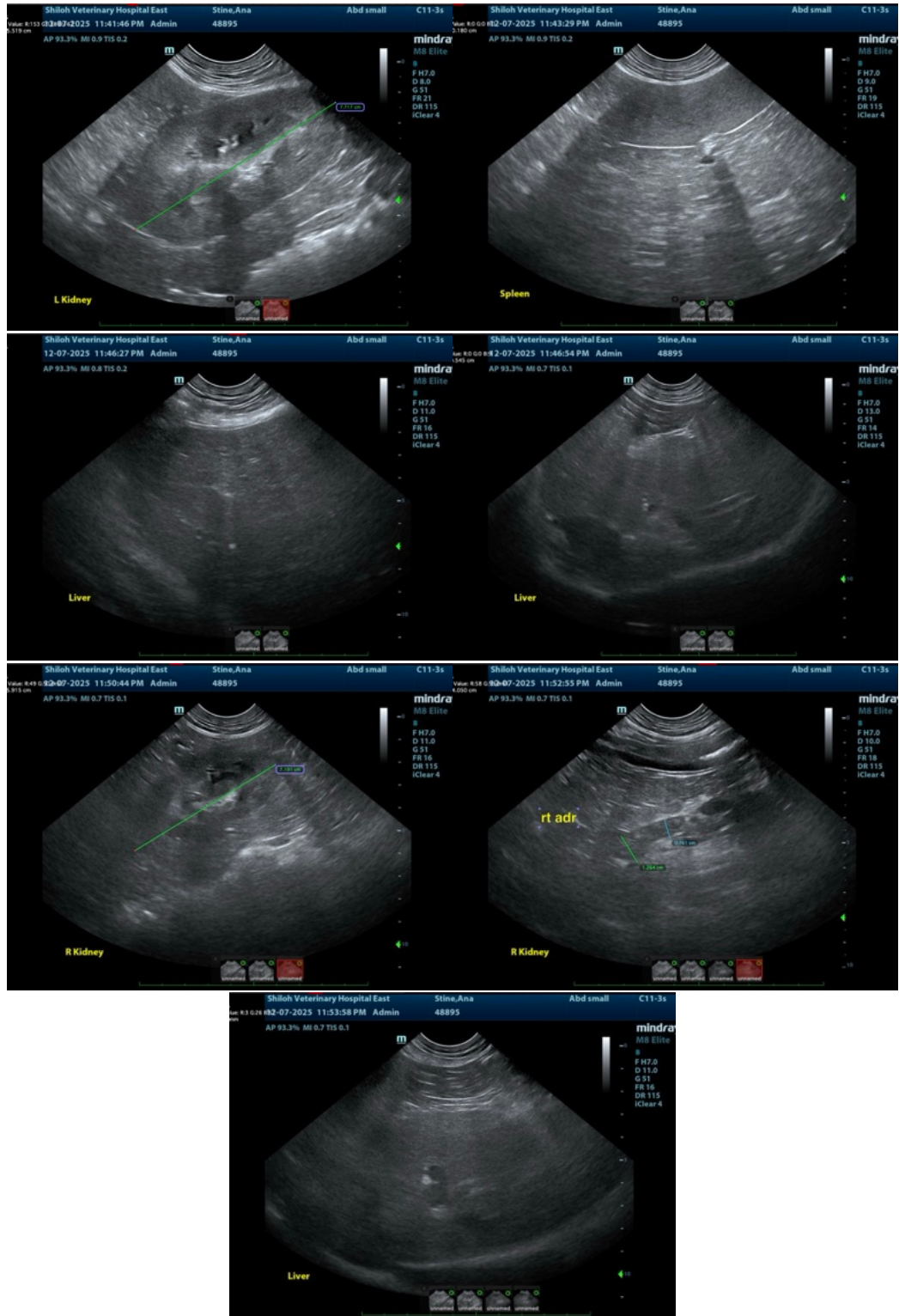
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The information and recommendations provided are based on the images presented by the



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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

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