



**PATIENT**

Nacho Freeman  
Bennett

**SPECIES**

Canine

**BREED**

Chihuahua

**SEX**

Neutered male

**AGE**

10 years

**WEIGHT**

12.3 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Moon

**HOSPITAL NAME**

Shiloh VH

**REFERRING VET**

Dr. Andrews

**INVOICE**

42343

**DATE**

11/4/22

**PRESENTING CLINICAL SIGNS**

History: PU/PD, has been on Phenobarbital at sub-therapeutic doses w/o seizures for multiple years.  
Abnormal PE/Chem/CBC/UA Results: ALP 1064 (5-131) Cholesterol 349 (92-324)

**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 kidneys measured 4.0 cm each.

**Adrenal Glands**

The regions of the **adrenal glands** were imaged with no evidence of pathology.

**Spleen**

The **spleen** was largely normal with a minor cystic change that measured 0.3 cm at the cranial body.

**Liver**

The **liver** revealed mild coarse architecture with slight, heterogenous parenchymal changes without significant disruption of architecture. There were mildly increased portal markings. 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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**ULTRASONOGRAPHIC FINDINGS**

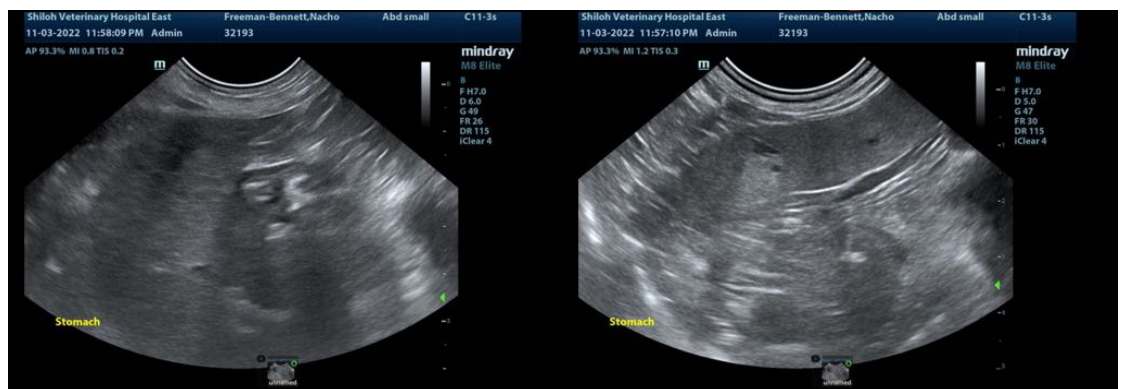
Benign hepatopathy.

Gallbladder sludge.

Structurally unremarkable abdomen.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The changes are expected for the patient's history. There was no evidence of clinically significant disease. There was no evidence of significant disease. If adrenal disease is suspected then further imaging of the adrenal glands are indicated especially under sedation if the patient was tense at the time of the sonogram.



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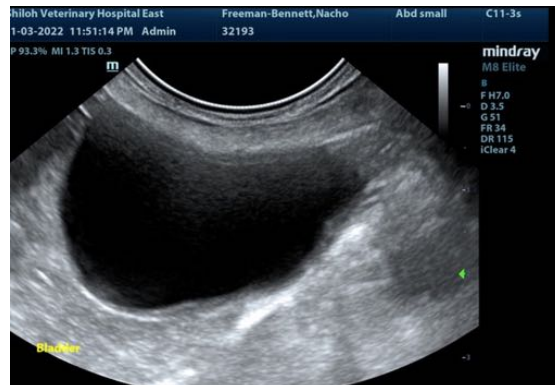
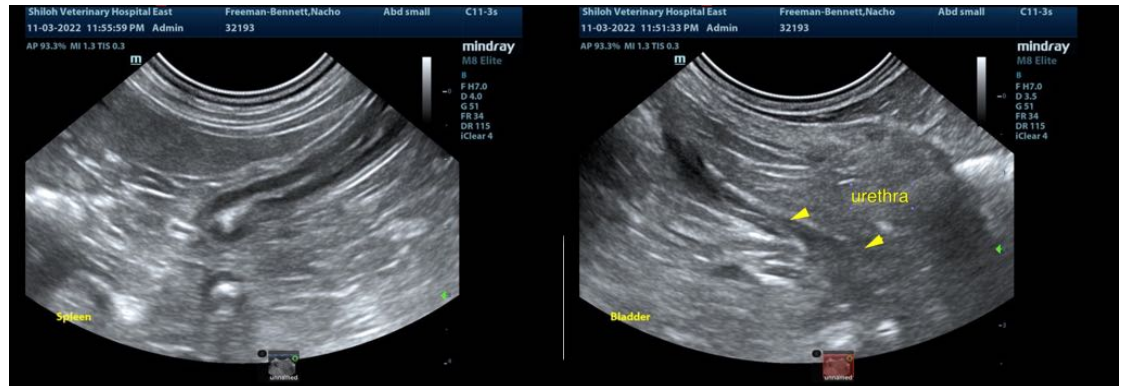
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com  
info@SonoPath.com