



**PATIENT**

Buddy Wasserman

**SPECIES**

Canine

**BREED**

Miniature Poodle

**SEX**

Neutered Male

**AGE**

13 Years

**WEIGHT**

13.6 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Kelly Vazquez

**HOSPITAL NAME**

Englewood Cliffs VH

**REFERRING VET**

Dr. Rachel Park

**INVOICE**

35962

**DATE**

2/28/22

**PRESENTING CLINICAL SIGNS**

Chronic, intermittent vomiting and diarrhea. Went to OAH 11/22/21 - diagnosed with chronic enteropathy. Mild acute or acute on chronic pancreatitis. Since Nov. has been on GI diet, intermittent metronidazole, but intermittent vomiting and diarrhea persists. Baseline cortisol (10/29/21) normal. Seen on 2/26/22 for diarrhea and bilious vomiting.  
Abnormal PE/Chem/CBC/UA Results: 12/28/21 - ALP 241, albumin 4.2.

**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 3.0 cm beyond the cystourethral junction.

The residual prostate measured 0.75 cm.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 3.0 cm. The left kidney measured 3.91 cm. Slight pinpoint mineralizations noted.

**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 right adrenal gland measured 1.25 cm x 0.43 cm at the caudal pole and 0.45 cm at the cranial pole. The left adrenal gland measured 1.21 cm x 0.41 cm at the caudal pole and 0.37 cm at the cranial 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. 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** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The **gallbladder** was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed normal curvilinear patterns and empty lumen. However, hyperperistalsis and minor excessive GI gas present. No evidence of mucosal striations.



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**Pancreas**

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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.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Miniature Poodle

- Geriatric abdomen with age related renal changes
- Minor gallbladder debris, non-specific
- Gastrointestinal upset
- Low-grade inflammatory hepatopathy

**SEX**

Neutered Male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ursodiol therapy likely appropriate as a preventative to mucocele formation. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.

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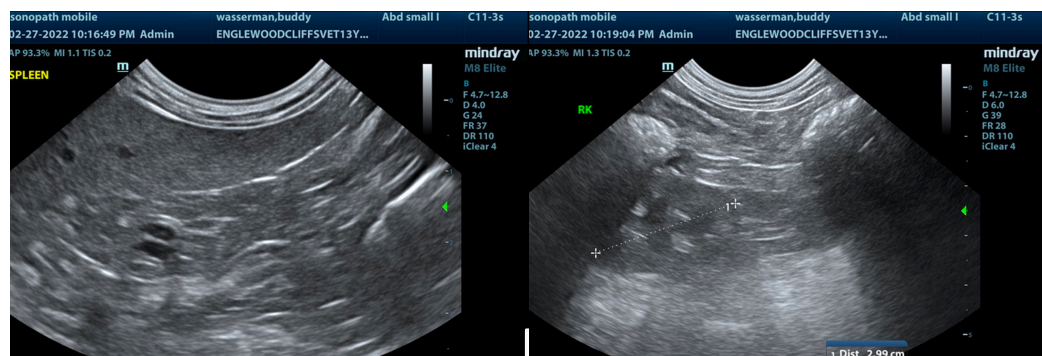
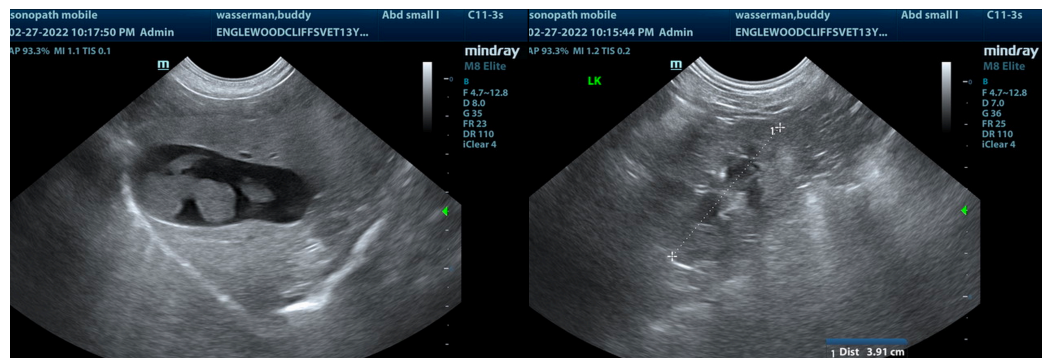
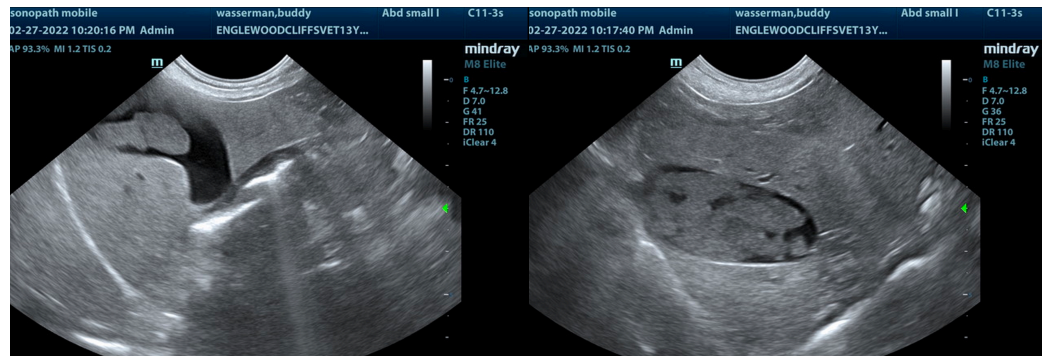
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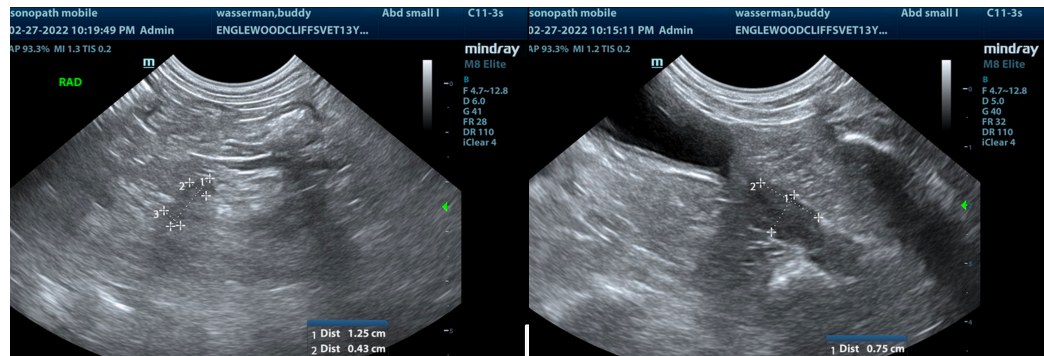
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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**

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