



PATIENT PRESENTING CLINICAL SIGNS

Toby Rothweiler

History: Pt vomiting and unable to keep food down since yesterday morning, holding water in small amounts, known for PD. Last meal offered was small amount of chicken at 5am today. O gave omeprazole at 4:40pm and 2am. Pt has a hx of consuming foreign objects, O has been diligent about keeping pt away from eating things he shouldn't be. Activity level normal for pt, had 2 normal BMs yesterday, no diarrhea.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Temp 100.4. Comprehensive blood profile shows mild anemia (36%) and mild neutrophilia (11.8 K/ μ L) Ehrlichia positive today, negative in 2021, but has been positive prior.

BREED

Golden Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Neutered male

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.

AGE

10 ½ years

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 8.1 cm. The left kidney measured 7.9 cm.

WEIGHT

108 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 2.95 x 0.74 cm at the caudal pole and 0.7 cm at the cranial pole. The left adrenal gland measured 3.3 x 0.89 cm at the caudal pole and 0.77 cm at the cranial pole.

IMAGING PERFORMED BY

Melissa DaSilva

HOSPITAL NAME

Pocono Peak VC

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.

REFERRING VET

Dr. Thompson

INVOICE

44138

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

DATE

5/3/23



PATIENT

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congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

SPECIES

Canine

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.

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Golden Retriever

SEX

Neutered male

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.

AGE

10½ years

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen, expected changes for this age patient.

WEIGHT

108 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dietary indiscretion, food intolerance, structurally significant inflammatory bowel or occult parasitism and occult Addison's are all potentials. Supportive care should prove effective.

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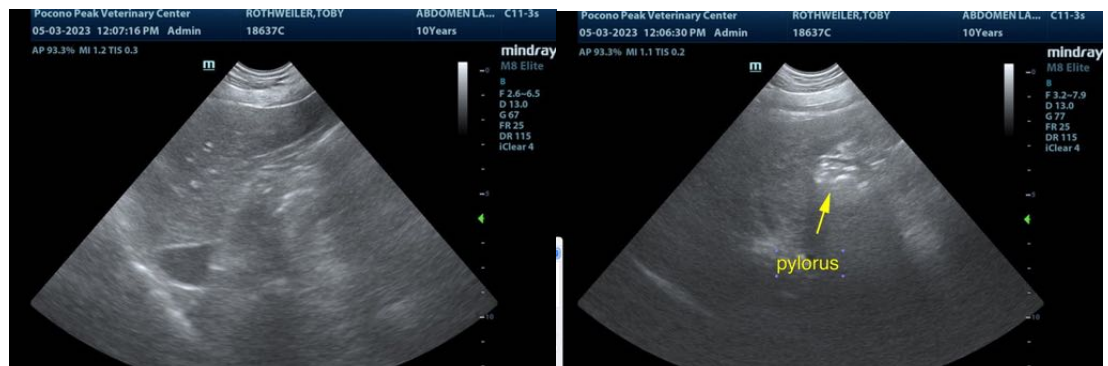
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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