



PATIENT

PRESENTING CLINICAL SIGNS

Roby Ramos Molina

History: Diagnosed with Cushing at another clinic. Currently in treatment with 10 mg Vetoryl . Pot belly appearance noted on PE. Yesterday he presented with acute vomiting and diarrhea. Not eating. X-Rays were done at another clinic and it shows liver inflammation.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC: Anemic and high WBC CHEM: BUN, AMYL, LIPA, ALKP increased Most recent cortisol Sample 1 results (April 2022): 2.7 ug/dL

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Yorkshire Terrier

Urinary System

SEX

The **urinary bladder** revealed a calculus, measuring 1.0 cm. Anechoic urine was noted. Bladder wall was unremarkable.

Neutered Male

The **left kidney** revealed hypoechoic cortical changes. The left kidney measured 4.5 cm.

AGE

11 Years

The **right kidney** was structurally unremarkable, with normal vascularity and size. The right kidney measured 4.6 cm.

WEIGHT

9.8 Pounds

The **left adrenal gland** was uniformly enlarged, measuring 9.0 mm.

The **right adrenal gland** was mildly enlarged, uniform, measuring 1.2 cm at the cranial pole and 0.7 cm at the caudal pole.

INTERPRETED BY

Spleen

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Liver

Dra. Yaniris Alvarado

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild 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 hepatic lymph nodes were unremarkable.

HOSPITAL NAME

Ramey VH

REFERRING VET

Dra. Yaniris Alvarado

The **gallbladder** was mildly over distended with moderate suspended and dependent debris, yet not to the level of mucocele formation, most consistent with emerging mucocele, measuring 5.0 cm x 4.0 cm. Sludge appears to be mildly excessive. No adjunctive inflammation was noted.

INVOICE

Gastrointestinal

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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.

DATE

6/19/23

Pancreas



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The right limb of the **pancreas** revealed mixed hypoechoic parenchymal changes with enhanced surrounding mesentery. Localized free fluid was noted, most consistent with pancreatitis. There is potential for underlying carcinoma.

SPECIES

Canine

Free Abdomen

Free fluid was noted in the mid abdomen.

BREED

Yorkshire Terrier

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Right limb pancreatitis presentation with free fluid, potential for emerging neoplasia
- Minor excessive gallbladder sludge
- Bilateral adrenal hypertrophy- consistent with PDH
- Structurally unremarkable kidneys- prerenal effect upon the kidneys is likely playing a role.
- Urinary bladder calculus- nonobstructive
- Age-related hepatic changes

AGE

11 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

72hr IV fluid protocol, broad spectrum antibiotics, plasma expanders and pain management are all indicated. CBC path review is indicated. Recheck sonogram in 3-5 days.

WEIGHT

9.8 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Dra. Yaniris Alvarado

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SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Neutered Male

AGE

11 Years

WEIGHT

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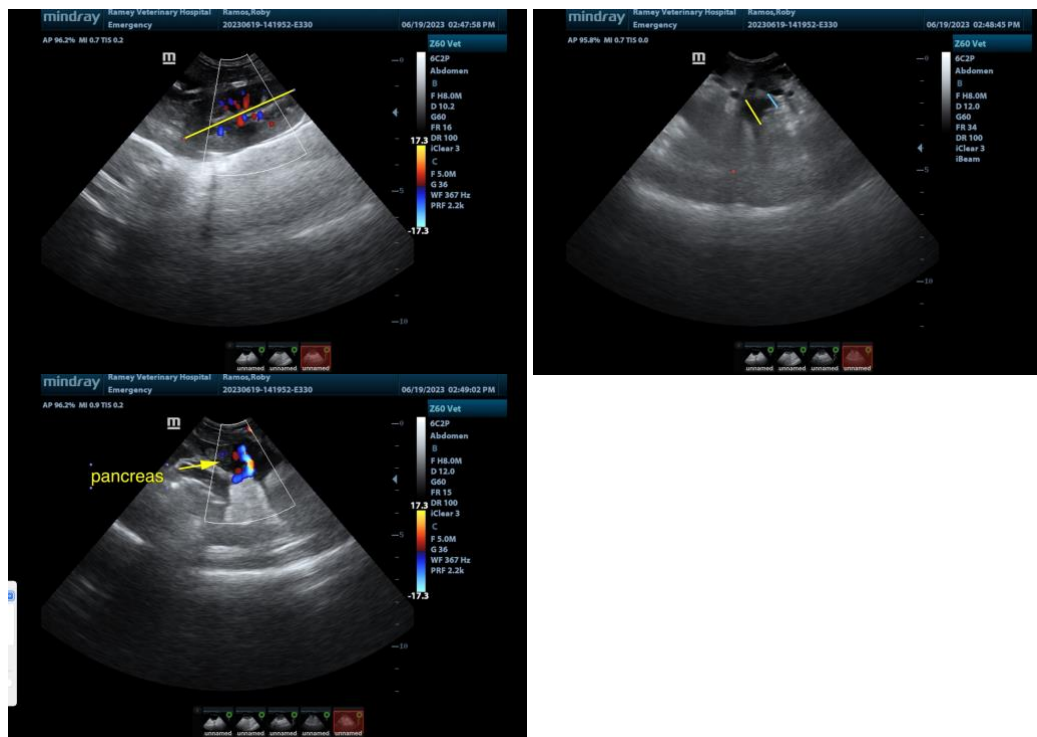
Dra. Yaniris Alvarado

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