



PATIENT PRESENTING CLINICAL SIGNS

Finn Robinson History: Follow up abdominal Ultrasound from March 4, 2023, where a few, small, ill-defined hypoechoic nodules were seen. And a mildly thickened wall with a prominent muscularis layer in the lesser curvature of the pyloric antrum

SPECIES Abnormal PE/Chem/CBC/UA Results: Labs normal from March 3, 2023

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Border collie mix The urinary bladder wall is normal in thickness and the mucosal surface in the region of the apex is mildly irregular. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

SEX

Neutered Male The prostate is normal in size (1.29 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

AGE

2/10/2013 The left kidney is normal size (6.47 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

27.2 Pounds The right kidney is normal size (6.56 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

INTERPRETED BY *Adrenal Glands*

Andrea Nicastro, DVM, Diplomate ACVIM (Small Animal Internal Medicine) The left adrenal gland is borderline enlarged (0.63 cm at cranial pole) (0.72 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

The right adrenal gland is normal size (0.53 cm at cranial pole) (0.80 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Loetitia Saint-Jacques, RVT

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Spleen

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The spleen is normal in size (1.96 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

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Dr. Robsinson

Liver

INVOICE

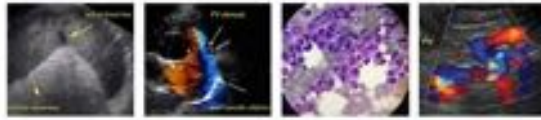
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The liver is subjectively prominent in size with normal curvilinear peripheral contours. The parenchyma is isoechoic relative to the spleen. A few small ill-defined hypoechoic nodules are visualized, the largest measuring 1.67 cm in diameter. Vascular and biliary tracts are of normal volume with no evidence of congestion. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

DATE

5/1/23

Gastrointestinal



PATIENT

Finn Robinson

The gastric lumen is not distended. The gastric wall in the region of the fundus is normal in thickness with a normal layering pattern. In the region of the pyloric antrum, the wall is mildly thickened (up to 0.77 cm) with apparent retention of the normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. The colonic wall is normal. No obstructive disease is noted.

SPECIES

Canine

Pancreas

BREED

Border collie mix

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Free Abdomen

SEX

Neutered Male

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A few prominent mesenteric lymph nodes are visualized, the largest measuring 3.60 cm in length. The nodes are normal in shape and echogenicity.

AGE

2/10/2013

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

27.2 Pounds

- Mild thickening of the pyloric antrum. It appears less thick compared to the previous sonogram. This finding may be a normal variant for this patient or may represent hypertrophy, inflammation, or less likely, emerging neoplasia.
- The hypoechoic hepatic nodules trend toward the benign (i.e., regenerative nodules, inflammatory foci) with a lower possibility of emerging neoplasia. The diffuse hepatic parenchymal changes are most consistent with vacuolar hepatopathy, regenerative nodular hyperplasia, age-related remodeling or some combination thereof with a lower possibility of a more insidious hepatic pathology.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(*Small Animal Internal
Medicine*)

Secondary Findings:

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- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.
- Borderline left adrenomegaly.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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If an aggressive approach is desired with regard to the pyloric antrum, consider an upper GI endoscopy with biopsies. Otherwise, consider reevaluating the area sonographically in 3-4 months or sooner if upper GI signs occur.

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Border collie mix

SEX

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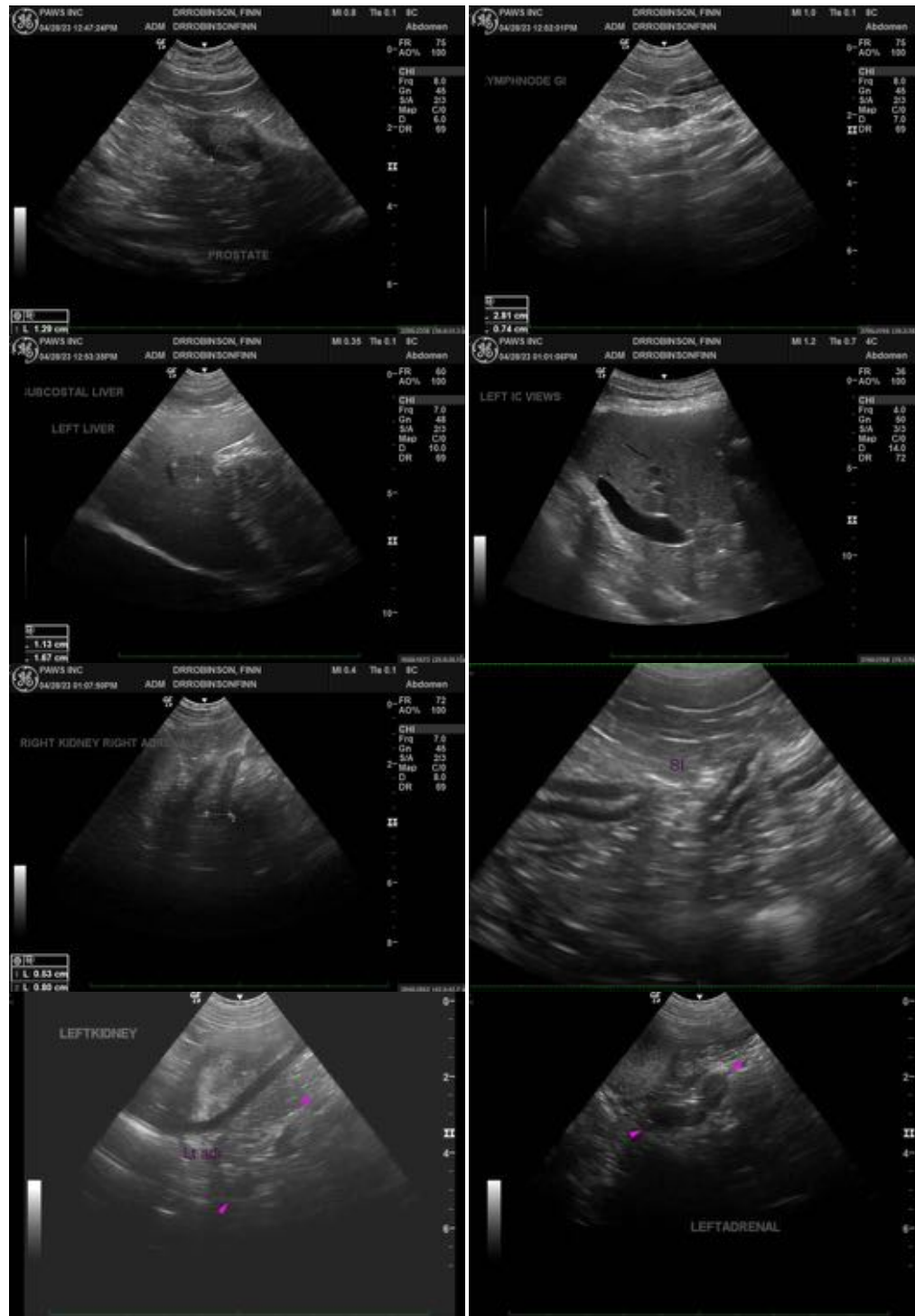
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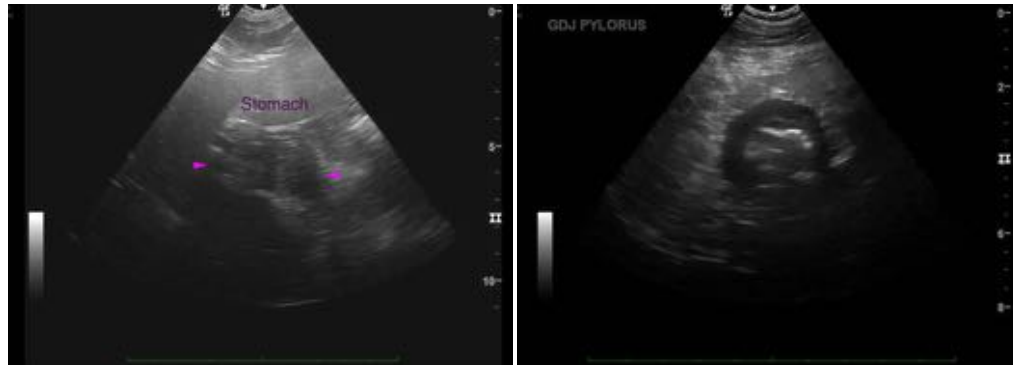
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SPECIES

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BREED

Border collie mix



SEX

Neutered Male

AGE

2/10/2013

WEIGHT

27.2 Pounds

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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