

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Gunner Athey
SPECIES Canine
BREED Lab Retriever
SEX Intact Male
AGE 5/7/21

History:
-Patient collapses after gagging/vomiting. Patient will gag, then go stiff, fall over, then get back up and be normal after 1-2 seconds.
-First episode February 17th
-Second episode June 6th
-Patient received dose of Simparica Trio prior to both episodes (February 12th and June 5th)

PE
-Temp 102.1
-Pulse 160
-Respiration panting
-MM pink
-pulses strong

CBC: Eosinophils mildly elevated
Chemistry: NSF
4Dx HWT: Negative

HR-160; RR-panting; unable to obtain BP

WEIGHT
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Simparica Trio.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The prostate is enlarged, measuring 3.26 cm in width with a normal shape and smooth peripheral contours. The parenchyma is hyperechoic relative to surrounding omental fat and is homogeneous in appearance. No focal lesions are observed. The prostatic urethra is not overtly dilated.

The left kidney presented normal size (7.15 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. Renal vasculature is normal.

The right kidney presented normal size (6.4 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. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal size (0.56 cm at cranial pole) (0.51 cm at caudal pole) (2.21 cm in length); 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.

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(Small Animal Internal
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IMAGING PERFORMED BY

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HOSPITAL NAME

Foxbank Vet Hospital

REFERRING VET

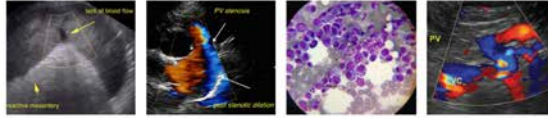
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The right adrenal gland is normal size (1.23 cm at cranial pole) (0.70 cm at caudal pole) (1.98 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

SPECIES

Canine

Spleen

The spleen is normal in size (2.4 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.

BREED

Lab Retriever

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. The portal vein to caudal vena cava ratio is approximately 1:1.

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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.

Gastrointestinal

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The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal (xxx cm) with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive or overt infiltrative disease is noted.

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Pancreas

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.

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Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion.

A few prominent lymph nodes are observed in the right cranial quadrant, the largest measuring 1.85 cm in length.

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The left testicle measured 4.37 cm x 3.01 cm. The right testicle measured 4.50 cm x 2.41 cm. The testicles are subjectively normal in size and symmetrical with homogeneous parenchyma. No focal lesions are observed.

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PRIMARY FINDINGS

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

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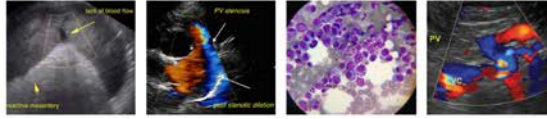
SECONDARY FINDINGS

- The prostatic changes are as expected for a young intact male.

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*An obvious cause for the patient's clinical signs is not identified in this study. Considerations include



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primary cardiac disease, neurologic disease, microscopic gastrointestinal disease with a vagal response, other.

Gunner Athey

SPECIES

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further recommendations should be based on the echocardiogram report. A holter monitor may be warranted. In the meantime, consider initiation of a proton pump inhibitor (i.e., Omeprazole).

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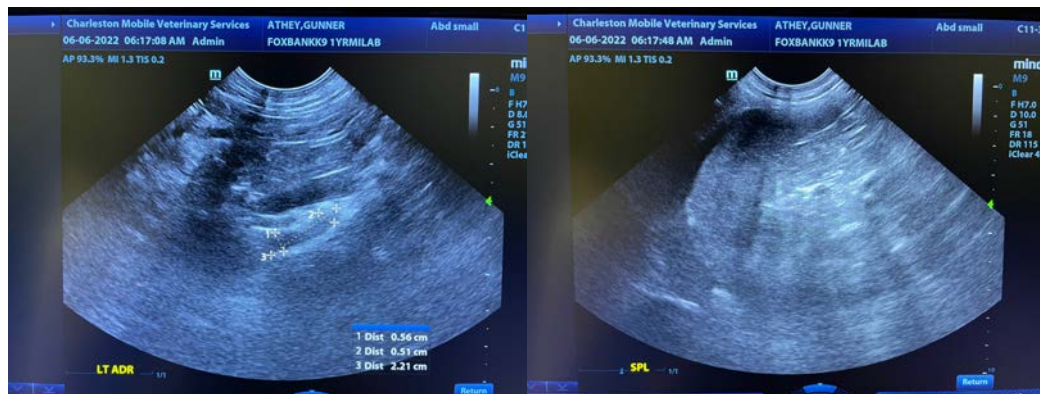
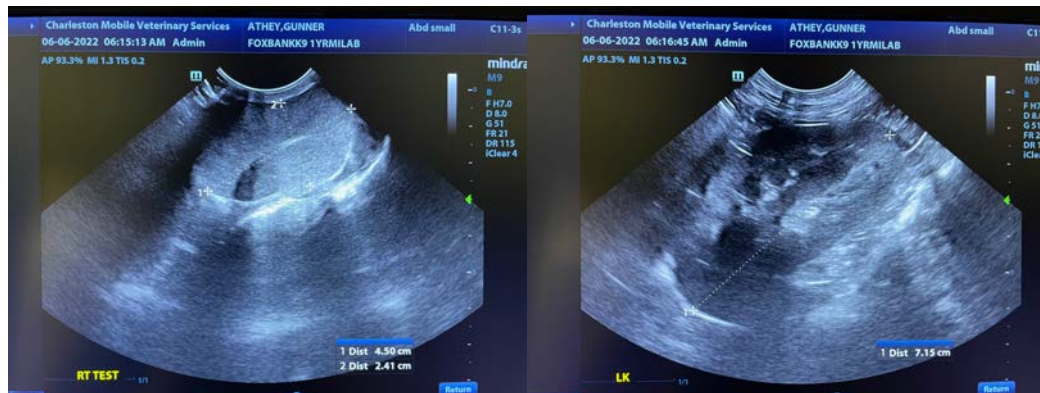
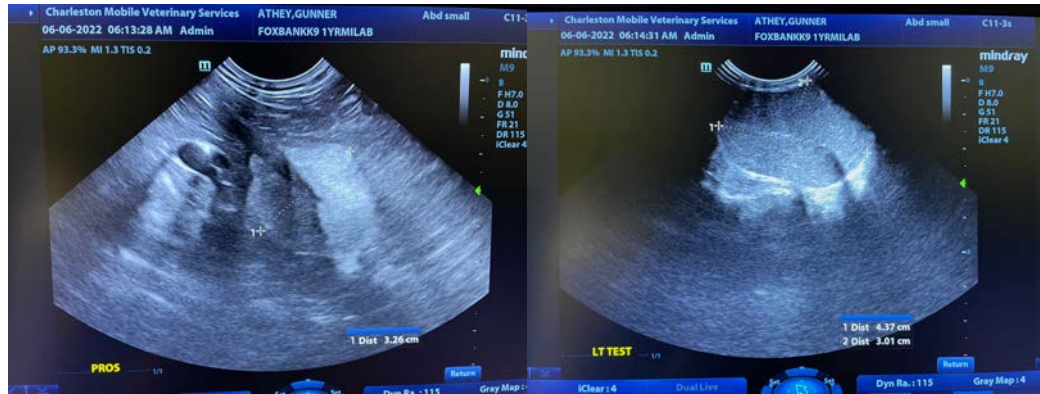
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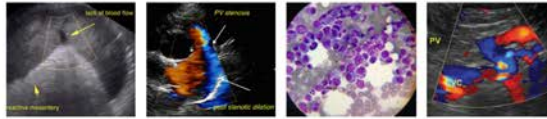
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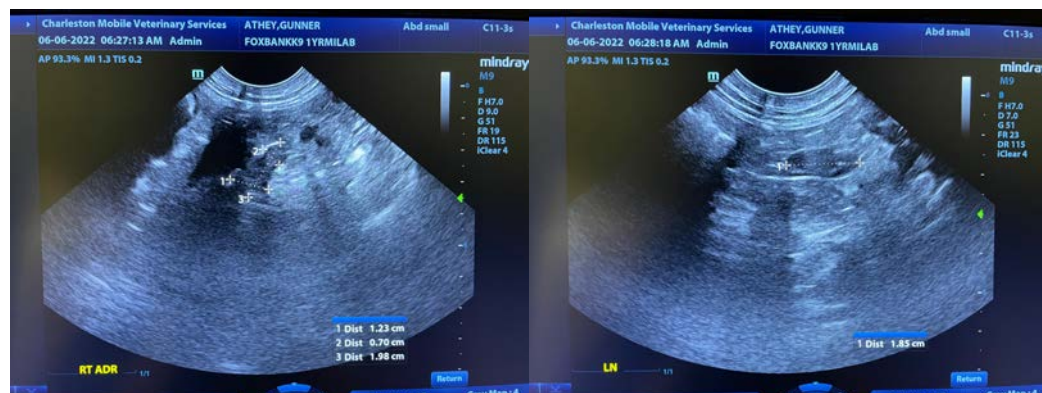
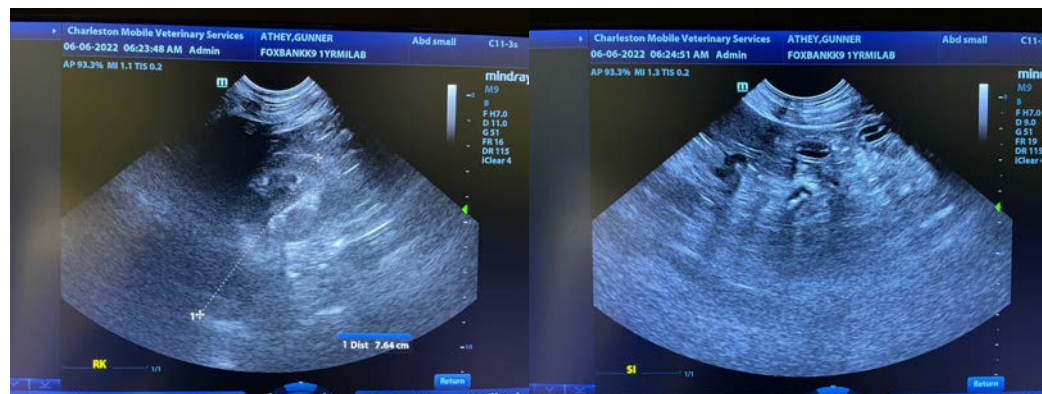
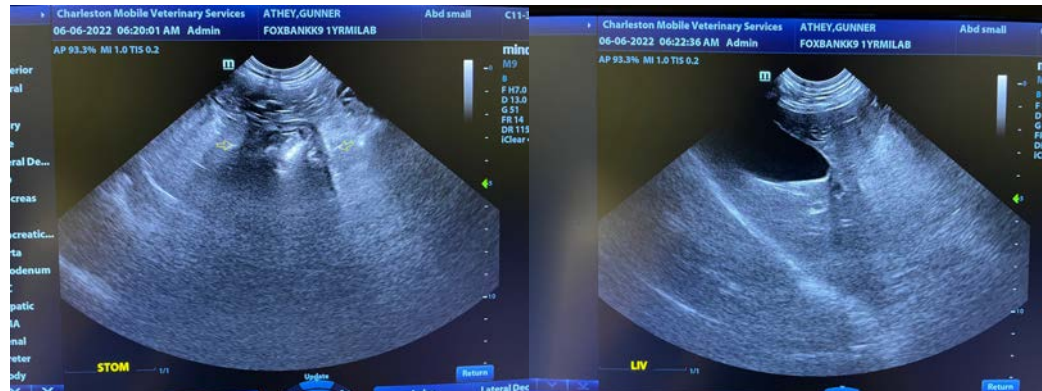
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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