

PATIENT

Lucy Calhoun

PRESENTING CLINICAL SIGNS

Gender(altered?) FS Age:11yr Weight in #: 69 Breed: Labrador History: Has been diagnosed with indolent lymphoma for a few years now. Has repeat BW every 3-4 months to watch lymphocyte count. Recent GGT level has been concerning and has had no response to ursodiol or denamarin. Previous U/S compared to 8/4/21. Not currently on any chemotherapy medication and patient is feeling well Reason for Ultrasound: Evaluate liver and gall bladder BW: GGT 107, Na/K ratio 26, WBC 48,800 (lymphocytes) still below 60,000. GGT continues to elevate. Continue ursodiol and denamarin.

SPECIES

Canine

BREED

Labrador

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

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.

AGE

11 Years

The left kidney presented normal size (6.04 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal loss of corticomedullary distinction. A thin hyperechoic medullary band is observed at the corticomedullary junction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

WEIGHT

69 Pounds

The right kidney presented normal size (5.36 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.

INTERPRETED BY

Andrea Nicasastro, DMV,
Diplomate DACVIM
(Small Animal
Internal Medicine)

Adrenal Glands

The left adrenal gland is enlarged at the cranial pole and normal in size at the caudal pole (1.12 cm at cranial pole) (0.62 cm at caudal pole) (2.82 cm in length). At the cranial pole, a 1.28 cm x1.06 cm hyperechoic to slightly heterogeneous nodule is visualized. The nodule causes capsular expansion. Glandular echogenicity and detail at the caudal pole are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

The right adrenal gland is normal size (1.32 cm at cranial pole) (0.68 cm at caudal pole) (2.0 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.

HOSPITAL NAME

Brighton Greens VH

REFERRING VET

Dr. Robin Janeway

Spleen

The spleen is subjectively prominent in size (1.99 cm) with slightly swollen peripheral contours. The parenchyma is diffusely mottled with a "moth-eaten" appearance. A 0.70 cm hypoechoic nodule is observed within the parenchyma. Splenic vasculature appears normal with no evidence of thrombosis.

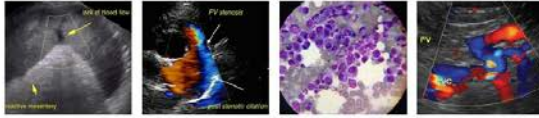
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Liver

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. No pathological hepatic lymphadenopathy observed.

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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.

BREED

Labrador

Gastrointestinal
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.

SEX

Spayed Female

Pancreas

The right limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and slightly mottled in appearance. The pancreatic duct is visible but not overtly dilated. There is no evidence of peripancreatic inflammation or effusion.

AGE

11 Years

Free Abdomen

There is no evidence of free fluid.

WEIGHT

69 Pounds

The medial iliac lymph nodes are enlarged. The left medial iliac lymph node measures 3.02 cm in length. The right medial iliac lymph node measures 3.86 cm in length. Several enlarged, rounded, hypoechoic mesenteric lymph nodes are visualized, the largest measuring 4.47 cm in length. A 1.78 cm lymph node is also observed in the cranial abdomen.

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Internal Medicine)

ULTRASONOGRAPHIC FINDINGS

- The splenic and abdominal lymph node changes are consistent with the previous diagnosis of lymphoma. Changes are similar to the previous sonogram.
- Minor age related pancreatic remodeling +/- fibrosis
- Left adrenal nodule (cranial pole) - Differentials include hyperplasia, adenoma, adenocarcinoma, pheochromocytoma. Changes are similar to the previous sonogram.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- 3-view thoracic radiographs are recommended to assess for lymphadenopathy in the chest.
- Consultation with a board-certified oncologist is recommended for monitoring and treatment recommendations, if not already performed.

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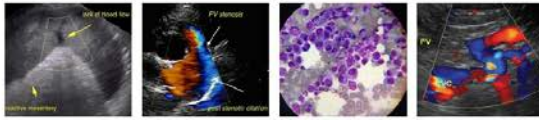
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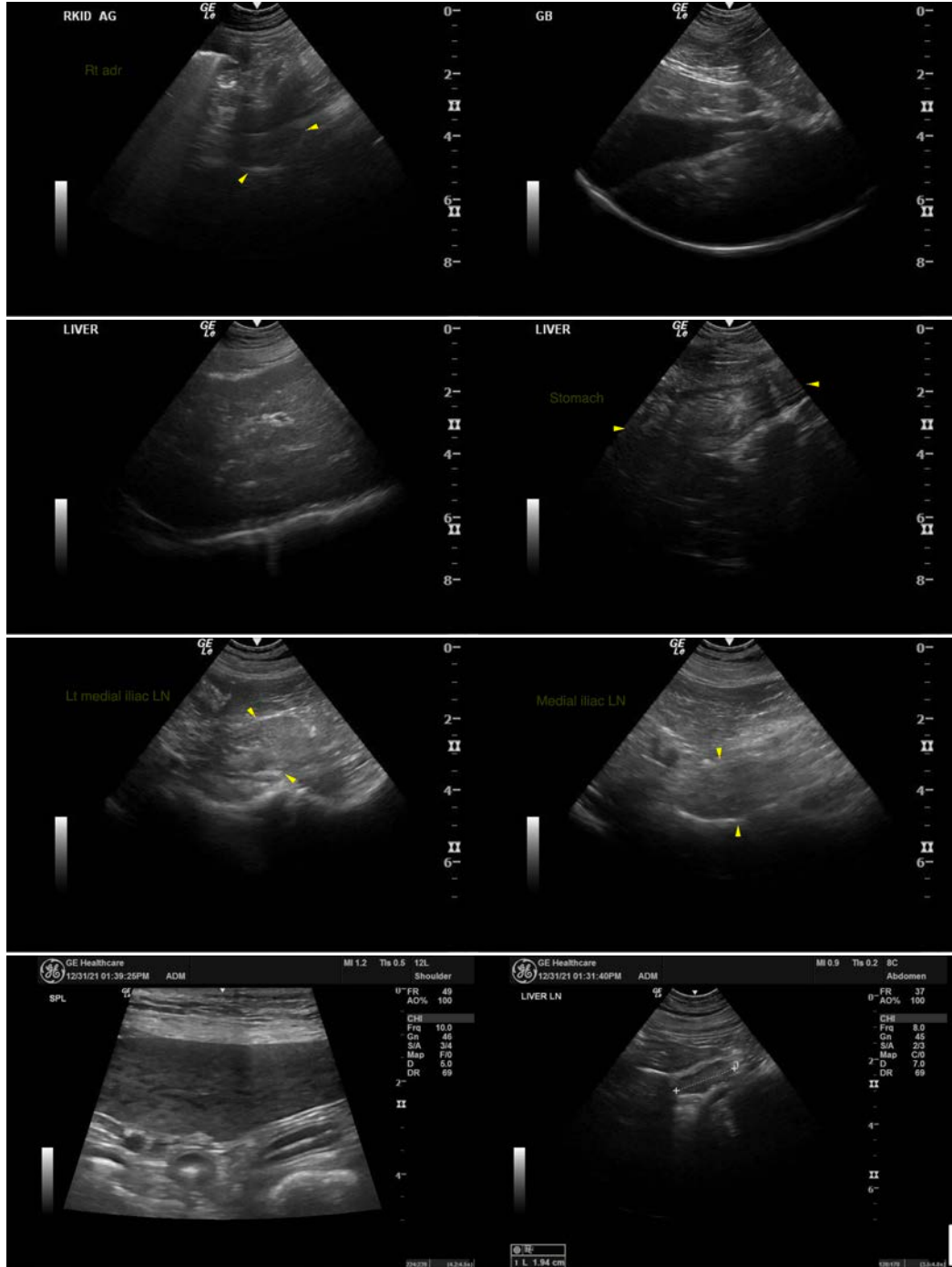
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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