**PATIENT**

Abubu Trujillo

SPECIES

Canine

BREED

Great Pyrenees

SEX

MN

AGE

9 years

WEIGHT

106 #

INTERPRETED BYRemo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM**IMAGING PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr Rob Garro, DVM

INVOICE

302805

DATE

3/11/22

PRESENTING CLINICAL SIGNS

History: Uncomfortable, loose stools, anxious.

Physical Examination: Ascites – clear fluid.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Hypoproteinemia.

Radiographic Findings: Normal.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 7 cm, right 6.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 2.24 x 0.67/0.38 cm right 2.86 x 0.55 cm with nodule within the cranial pole (1.52 cm).

Spleen

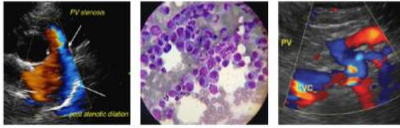
Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted. Focal age-related change caudal aspect on the tail of the spleen with degree of shadowing from the surrounding mesentery.

Liver

Small with an increased echogenic appearance and portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

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Pancreas

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
Moderate acellular ascites.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Small liver.
- Ascites.
- Right adrenal nodule.

Secondary Findings:

- Age-related renal changes.
- Age-related/focal hyperplasia tail of spleen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

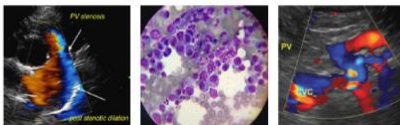
With the appearance of the liver and ascites, likely etiologies for the liver would be chronic hepatitis, fibrosis, and cirrhosis.

Although the right adrenal nodule may be an incidental non-functional adenoma, emerging neoplasia would need to be considered.

While the loose feces can be ascribed to the liver, primary intestinal disease (inflammatory bowel disease, dietary hypersensitivity, parasitic enteritis) should be considered.

Further assessment would be fecal analysis, cobalamin assay, serum bile acids, and cytology of the ascitic fluid. FNA cytology of the liver and endoscopy of the upper GI tract could also be considered.

Specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Liver/gall bladder/ascites



Right adrenal



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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
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