

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Botica Lomena History: 2-3 month duration hacking and hoarseness.

SPECIES Canine Physical Examination: Mass right tonsil area – suspect lymphoma on FNA cytology. Immunophenotyping pending.

BREED Labrador CBC: Basophilia.

Urinalysis: SG 1.042, 3+ proteinuria, red blood cells, sperm, cocci.

Serum Biochemistry: Mildly elevated SDMA.

Radiographic Findings: Soft tissue mass cranial to pharynx.

SEX

Intact Male

AGE

9 years

WEIGHT

84.4 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Gabriel Ferrer, DVM

HOSPITAL NAME

Paseos Veterinary Center

REFERRING VET

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INVOICE

302932

DATE

4/27/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness (0.14 cm) 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 (0.5 cm). Ureters not visualized.

Normal renal size (both 6.9 cm) echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

Prostamegaly (3.1 x 4.9 cm) with a diffuse hyperechogenic appearance, smooth regular capsule and normal appearance of the peri-prostatic tissue.

Adrenal Glands

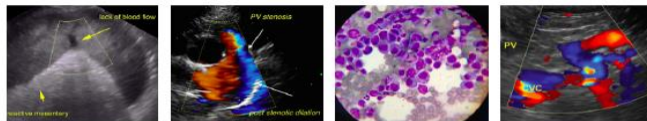
Normal shape, echogenic appearance, position, and size. Left 0.63 cm, right 0.79 cm.

Spleen

Normal size (1.8 cm) with a diffuse hyperechogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size with a mottled echogenic appearance, and prominent portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness (0.18 cm) and echogenic appearance of the gall bladder wall. Normal bile duct.


PATIENT *Gastrointestinal*

Botica Lomena Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.48 cm, duodenum 0.44 cm, jejunum 0.27 cm) and peristaltic activity and no distension of the lumen. Gastric lymphadenomegaly (0.5 x 0.7 cm) with a hypoechoic and rounded appearance.

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Pancreas

Normal size (right 2.1 cm, left 1.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Mesenteric lymphadenomegaly (1.8 x 4,8 cm) with irregular shape and mottled echogenic appearance. FNA taken with no obvious post aspirate hemorrhage. No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Mesenteric and gastric lymphadenomegaly.
- Hepatopathy.
- Splenic pathology.

Secondary Findings:

- Gall bladder sediment.
- Prostamegaly.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the lymph nodes is consistent with neoplasia and most likely lymphoma.

Etiologies for the hepatopathy would be reactive, cholangitis, early cirrhosis, chronic hepatitis, and infiltrative neoplasia.

Etiologies for the splenic pathology would be reactive, hyperplasia, splenitis, and infiltrative neoplasia.

The appearance of the prostate is consistent with age-related benign prostatic hyperplasia.

Further assessment that could be considered would be FNA cytology of the liver and spleen.

Specific therapy would be dependent on the results of the lymph cytology and pending immunophenotyping.

With lymphoma, chemotherapy using CHOP protocol or palliative prednisolone therapy would be indicated.

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IMAGES

Liver



Spleen





PATIENT

Mesenteric lymph nodes

Botica Lomena

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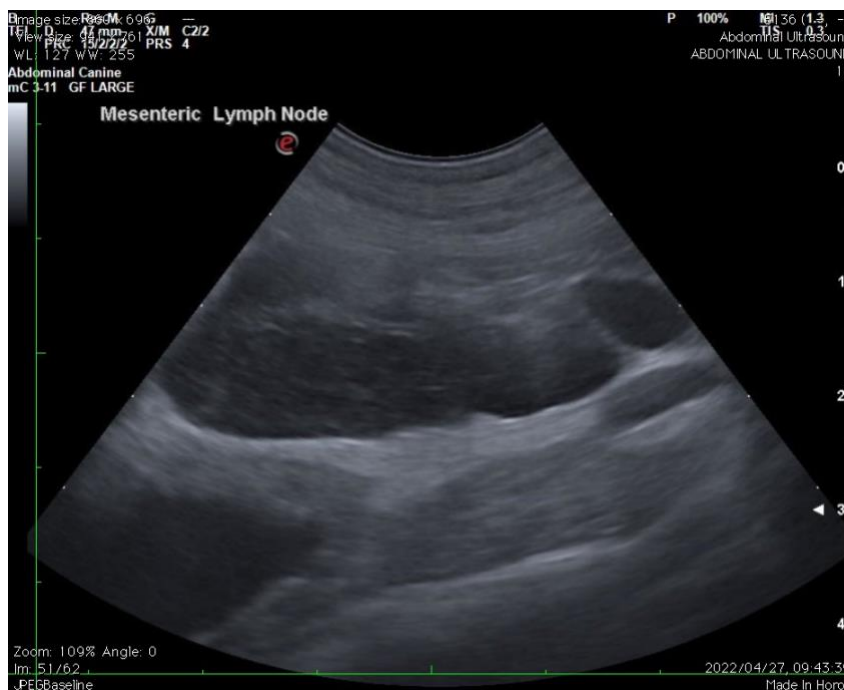
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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