

**PATIENT PRESENTING CLINICAL SIGNS**

Zuko Izquierdo

History: Acute onset diarrhea.

SPECIES

Canine

Physical Examination: N/A.

Urinalysis: N/A

CBC: N/A.

BREED

Yorkshire terrier

Serum Biochemistry: Severely elevated ALT activity, elevated bile acids.

Radiographic Findings: N/A.

SEX

Intact Male

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System****Age**

2 years

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

Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

WEIGHT

10 #

Normal iliac lymph nodes (1.2 cm). Ureters not visualized.

Normal renal size (left 3.8 cm, right 3.9 cm), echogenic appearance, cortico-medullary differentiation pelvis, and capsule.

INTERPRETED BYRemo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
ECVIM**Reproductive System**

Normal size (1.9 cm) and echogenic appearance of the prostate. Normal appearance of the testicles.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.41/0.37 cm, right 0.62 cm.

HOSPITAL NAMEOviedo Veterinary Care and
Emergency**Spleen**

Normal size (1.1 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET

Dr Rivera

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. 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 (0.2 cm).

INVOICE

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Gastrointestinal**DATE**

1/20/23

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.25 cm, duodenum 0.41 cm, jejunum 0.33 cm, colon 0.18 cm) and peristaltic activity, and no distension of the lumen.



PATIENT *Pancreas*

Zuko Izquierdo Normal size (0.8 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Mesenteric lymphadenomegaly (0.5 x 1.2 cm) with normal shape and echogenic appearance. No ascites.

BREED Yorkshire terrier Normal size and ratio of the portal vein (0.6 cm), caudal vena cava (0.6 cm), and aorta (0.6 cm) with no turbulent blood flow evident.

ULTRASONOGRAPHIC FINDINGS

SEX

Intact Male

Primary Findings:

- Lymphadenomegaly.

Age

2 years

Secondary Findings:

- None.

WEIGHT

10 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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

Etiologies for the lymph nodes would be reactive, hyperplasia, and lymphadenitis with infiltrative neoplasia, an unlikely differential diagnosis.

Although the appearance of the liver is ultrasonographically normal, with the severely elevated ALT activity, acute hepatitis (viral, bacterial, toxins) and Leptospirosis needs to be considered.

IMAGING PERFORMED BY

Sonya Myers, DVM

Further assessment would be *Leptospira* serology/PCR and FNA cytology of the liver and lymph nodes.

Specific therapy would be dependent on an etiological diagnosis.

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Rivera

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PATIENT

Zuko Izquierdo

SPECIES

Canine

BREED

Yorkshire terrier

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IMAGES
Mesenteric lymph node

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Sonya Myers, DVM

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.

HOSPITAL NAME

 Oviedo Veterinary Care and
 Emergency

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za

REFERRING VET

Dr Rivera

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