


PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Roxy Cordero
History: Chronic GI signs and weight loss.

SPECIES
Physical Examination: N/A.

Canine
Urinalysis: N/A.

CBC: N/A.

BREED
Serum Biochemistry: Hypoalbuminemia.

Boxer
Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS
Urinary System

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

WEIGHT
Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

50 #
Normal iliac lymph nodes (1.3 cm). Ureters not visualized.

Normal renal size (left 5.9 cm, right 6.1 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY
Reproductive System

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

N/A.

IMAGING PERFORMED BY
Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.65 m, right 0.56/0.61 cm.

Sonya Myers, DVM
Spleen

HOSPITAL NAME
Normal size (2 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Oviedo Veterinary Care
and Emergency

REFERRING VET
Liver

Dr Adams
Possibly small in size with a normal echogenic appearance and portal markings, and regular curvilinear capsule. No nodules or masses evident.

INVOICE
Gall bladder

304180
Fill gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).

DATE

5/2/23



PATIENT *Gastrointestinal*

Roxy Cordero

Thickening of the stomach (0.61 cm) and segmental thickening of the duodenum (0.47 cm) and small intestine (0.48 cm) with no loss of layering or distension of the lumen. Faint mucosal stippling of the small intestine. Normal thickness and appearance of the ileo-cecal junction and colon (0.12 cm).

SPECIES

Canine

Pancreas

BREED

Boxer

Normal size (right 1.3 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

FS

Mesenteric lymphadenomegaly (3 x 4.2 cm) with a rounded shape and hypoechogenic appearance. FNA taken with no obvious post aspirate hemorrhage.

Age

5 years

No ascites evident.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

50 #

Primary Findings:

- Gastroenteropathy.
- Mesenteric lymphadenomegaly.

INTERPRETED BY

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

Secondary Findings:

- Small liver?
- Gall bladder sediment.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care
and Emergency

REFERRING VET

Dr Adams

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the gastroenteropathy would primary lymphangectasia, parasitic enteritis, inflammatory bowel disease, dietary hypersensitivity, ulcerative disease, granulomatous disease, and emerging lymphoma

Etiologies for the lymph nodes would be reactive secondary to the GI tract disease, lymphadenitis and infiltrative neoplasia.

Although the appearance of the liver may merely be an incidental finding, congenital conditions (porto-systemic shunt, primary portal vein hypoplasia) and chronic hepatitis needs to be considered.

INVOICE

304180

Further assessment needs to be based on the pending cytology results but could include fecal analysis, cobalamin assay, pre-and post-prandial bile acids, and endoscopy of the upper GI tract with biopsies. If the bile acids are abnormal then a CT angiogram and wedge biopsy of the liver should be considered.

DATE

5/2/23

Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Roxy Cordero

SPECIES

Canine

BREED

Boxer

SEX

FS

Age

5 years

WEIGHT

50 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care
 and Emergency

REFERRING VET

Dr Adams

INVOICE

304180

DATE

5/2/23

IMAGES

Stomach



Small intestine





PATIENT Liver

Roxy Cordero

SPECIES

Canine

BREED

Boxer

SEX

FS

Age

5 years

WEIGHT

50 #



Mesenteric lymph node



INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care
 and Emergency

REFERRING VET

Dr Adams

INVOICE

304180

DATE

5/2/23

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)
remo.lobetti@sonopath.com