



PATIENT PRESENTING CLINICAL SIGNS

Roxie Lamieux History: Vomiting, decreased appetite.
Physical Examination: Mammary nodules/mass lesions.
SPECIES Urinalysis: N/A.
Feline CBC: Thrombocytopenia.
BREED Serum Biochemistry: Normal.
DSH Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS **Urinary System**
Age Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
11 years Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.
WEIGHT Normal iliac lymph nodes. Ureters not visualized.
10 # Normal size of left kidney (3.6 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule. Small right kidney (2.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule.

INTERPRETED BY

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

Reproductive System

N/A.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.43, right 0.49 cm.

HOSPITAL NAME

Spleen

Oviedo Veterinary Care and
Emergency

Normal size (0.7 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 Caja

Liver

Normal size with a diffuse hyperechogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Full bilobed gall bladder containing normal anechoic bile and choleliths – 1 cm in the lumen and 0.4 cm in the neck. Mineralized sediment within the cystic duct. Normal thickness and appearance of the gall bladder wall. Dilated bile duct (0.5 cm) without evidence of any distal obstruction.

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DATE

8/16/22


PATIENT *Gastrointestinal*

Roxie Lamieux

Normal appearance of the stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.25 cm, duodenum 0.25 cm) and peristaltic activity, and no distension of the lumen. Segmental thickening of jejunum (0.37 cm) with no loss of layering or distension of the lumen.

SPECIES

Feline

Pancreas
BREED

DSH

Normal size (right 0.6 cm, left 0.6 cm) with hyperechogenic appearance and an irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen
SEX

FS

Normal mesenteric lymph nodes (0.6 x 2 cm).

Small amount of ascites and pleural effusion.

Age

11 years

Enlarged inguinal lymph node (0.6 x 2.9 cm) with normal shape and hypoechogenic appearance.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.
- Choleliths.
- Dilated bile duct.
- Pancreatitis.
- Enteropathy.
- Inguinal lymphadenomegaly.
- Ascites/pleural effusion

Secondary Findings:

- Small right kidney.

WEIGHT

10 #

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 ECVIM

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 Emergency

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the liver would be reactive, cholangio-hepatitis complex, lipidosis, granulomatous disease, and infiltrative neoplasia.

As the gall bladder is not distended, the choleliths and sediment in the cystic duct is most likely an incidental finding and secondary to a previous episode of cholecystitis or pancreatitis.

Etiologies for the pancreas would be chronic pancreatitis and fibrosis.

Etiologies for the enteropathy would be inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity, with lymphoma an unlikely differential diagnosis.

Etiologies for the inguinal lymph node would be reactive, lymphadenitis, and infiltrative neoplasia.

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With the mammary nodules, bicavitary effusion, and inguinal lymphadenomegaly, metastatic mammary neoplasia would be an important consideration.

Initial further assessment would be fecal analysis, 3-view thoracic radiographs, fPL/PSL assay, and FNA cytology of the liver, inguinal lymph node and mammary nodules.



PATIENT

Specific therapy would be dependent on an etiological diagnosis.

Roxie Lamieux

SPECIES

IMAGES

Feline

Liver/pleural effusion

BREED

DSH

SEX

FS

Age

11 years

WEIGHT

10 #

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



Gall bladder

IMAGING PERFORMED BY

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 Emergency

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Dr Caja

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PATIENT Bile duct

Roxie Lamieux

SPECIES

Feline

BREED

DSH

SEX

FS

Age

11 years

WEIGHT

10 #

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

IMAGING PERFORMED BY

Sonya Myers, DVM

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PATIENT

Inguinal lymph node

Roxie Lamieux

SPECIES

Feline

BREED

DSH

SEX

FS

Age

11 years

WEIGHT

10 #



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.

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)
rlobetti@mweb.co.za

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Sonya Myers, DVM

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