


PATIENT PRESENTING CLINICAL SIGNS

Paisley Ramos

History: Anemia, icterus.

SPECIES

Canine

Physical Examination: N/A.

Urinalysis: N/A.

BREED

Labrador

CBC: Normal.

Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

FS

Age

10 years

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.

WEIGHT

Normal trigone area, proximal urethra (0.6 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size (left 6.3, right 7.7 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.61/0.68 cm, right 0.64/0.69 cm.

HOSPITAL NAME

 Oviedo Veterinary Care and
 Emergency

Spleen

Normal size (2.3 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 Osman

Liver

Enlarged with rounded edges, hyperechogenic appearance, loss of portal markings, and regular curvilinear capsule. Cavitary hyperechogenic parenchymal nodule (1.5 x 1.9 cm) in the left lobe. No 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).

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Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.51 cm, duodenum 0.46 cm, jejunum 0.49 cm, colon 0.24 cm) and peristalsis, and no distension of the lumen. Ingesta within the stomach.



PATIENT *Pancreas*

Paisley Ramos

Normal size (right 1.5 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine

Normal mesenteric lymph nodes (2.3 cm).
No ascites evident.

BREED

Labrador

ULTRASONOGRAPHIC FINDINGS

SEX

Primary Findings:

FS

- Hepatopathy.
- Hepatic nodule.

Age

10 years

Secondary Findings:

- None.

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Etiologies for the hepatopathy would be reactive, metabolic, hepatitis (viral, bacterial, toxins), leptospirosis, breed-associated hepatopathy, iron/copper hepatopathy, and infiltrative neoplasia.

Etiologies for the hepatic nodule would hematoma, granuloma, abscess, and neoplasia.

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

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Paisley Ramos

Liver

SPECIES

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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.

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