



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Loso Auspos
History: Pre-dental assessment.

SPECIES
Physical Examination: N/A.

Canine
Urinalysis: SG 1.014, pH 6.

BREED
CBC: Normal.

Pomeranian
Serum Biochemistry: Elevated ALP activity, marginally elevated calcium and potassium.

Radiographic Findings: Tracheal collapse, hepatomegaly, nephroliths, uroliths.

SEX

MN

AGE

12 years

WEIGHT

14 #

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness (0.36 cm) and appearance of the wall. Small amount of hyperechogenic sediment/small calculi (0.8 cm). No uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Iliac lymph nodes and ureters not visualized.

INTERPRETED BY

Remo Lobetti, BVSc,
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Dipl. ECVIM

Normal renal size (left 3.5 cm, right 3.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and blood flow. Irregular capsules as a result of cortical infarcts. Bilateral cortical cysts and small non-obstructing renoliths.

Reproductive System

Small hypoechogenic prostate.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 1.97 x 0.61/0.49 cm, right 1.67 x 0.55/0.52 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Enlarged with rounded edges, diffuse mottled and nodular echogenic appearance, and some loss portal markings. No masses evident. Full gall bladder containing small amount of non-adherent hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Veterinary House Calls

REFERRING VET

Dr Nebel

INVOICE

302710

DATE

1/28/22



PATIENT *Gastrointestinal*

Loso Auspos Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.34 cm) and peristalsis, and no distension of the lumen.

SPECIES

Canine

Pancreas

BREED

Pomeranian

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

No mesenteric lymphadenopathy.

MN

No ascites.

AGE

ULTRASONOGRAPHIC FINDINGS

12 years

Primary findings:

- Nodular hepatopathy.

WEIGHT

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Secondary findings:

- Age-related renal changes.
- Urinary bladder sediment.
- Renoliths.
- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

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Etiologies for the nodular hepatopathy would be reactive, hyperplasia, nodular regeneration, chronic hepatitis, early cirrhosis, granulomatous disease, and infiltrative neoplasia.

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The marginal hypercalcemia may be a contributing factor to the renoliths and urinary bladder sediment.

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Further assessment would be FNA cytology of the liver. Tru-cut or wedge biopsy may be required for a final etiological diagnosis.

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Specific therapy would be a dental as dental disease can result in a reactive hepatopathy. Additional therapy for the hepatopathy would be ursodiol.



PATIENT IMAGES

Loso Auspos
Urinary bladder

SPECIES

Canine

BREED

Pomeranian

SEX

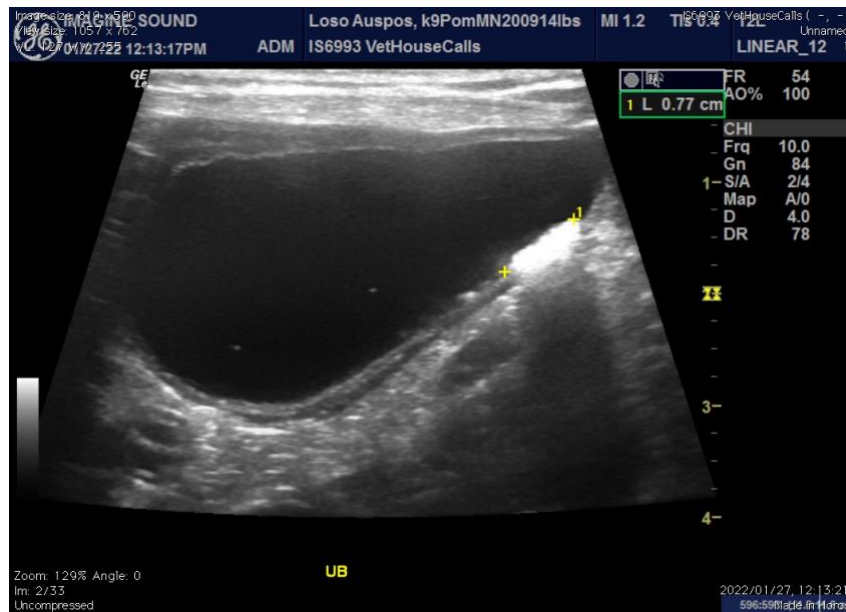
MN

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Kidney



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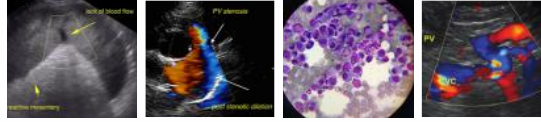
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Liver



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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