



PATIENT PRESENTING CLINICAL SIGNS

Loki Barrett
History: Painful prostamegaly.
Physical Examination: Ulcerated distal preputial mucosa.

SPECIES
Canine
Urinalysis: N/A.
CBC: Normal.

BREED
Corgi
Serum Biochemistry: Normal.
Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Intact Male
Age
11 years
Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

WEIGHT
30 #
Normal iliac lymph nodes (1.7 cm, 2 cm). Ureters not visualized.
Normal renal size (left 5.7 cm, right 6.2 cm) with increased echogenic appearance, and normal cortico-medullary differentiation, pelvis and left capsule. Irregular right capsule.

INTERPRETED BY

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

Reproductive System

Symmetrical prostamegaly with diffuse hyperechogenic appearance. Multiple anechoic parenchymal cysts (up to 1.2 cm in size). Normal appearance of the peri-prostatic tissue. Normal size and appearance of the testes (right 3.1 cm)

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal position, echogenic appearance, and shape. Normal size of right gland (0.67/0.41 cm). Enlarged and nodular appearance of the left gland (0.79/0.8 cm). Nodules are parenchymal and hyperechogenic in appearance. Cranial pole nodule (0.6 x 1.1 cm) is poorly defined; whereas the caudal pole nodule (0.7 x 0.7) is well defined.

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Chow

Spleen

Normal size (2 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Focal small hypoechogenic parenchymal nodule (0.8 cm) in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Liver

DATE

12/6/22

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).



PATIENT *Gastrointestinal*

Loki Barrett Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.43 cm, jejunum 0.36, colon 0.18 cm) and peristaltic activity, and no distension of the lumen. Segmental thickening of the stomach (up to 1.1 cm) with no loss of layering. Hyperechogenic appearance of the mesentery surrounding the stomach.

SPECIES

Canine

Pancreas

BREED

Corgi

Normal size (right 1.1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

Intact Male

Mesenteric lymphadenomegaly (0.6 x 1.5 cm) with normal shape and echogenic appearance. No ascites.

Age

11 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

30 #

- Prostategaly.
- Left adrenomegaly.
- Gastric thickening.
- Mesenteric lymphadenomegaly.

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ECVIM

Secondary Findings:

- Age-related renal changes.
- Splenic nodule.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the prostate is typical for benign cystic hyperplasia with prostatitis a less likely differential diagnosis.

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Dr Chow

Etiologies for the left adrenal gland would be incidental finding, non-functional/functional adenomas, and emerging neoplasia.

Etiologies for the stomach would be non-specific gastritis (dietary indiscretion, toxin, viral, helminths), inflammatory bowel disease, *Helicobacter* gastritis, ulcerative disease, and emerging neoplasia.

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The most likely etiology for the lymph nodes would be reactive with lymphadenitis and infiltrative neoplasia, less likely differential diagnoses.

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Further assessment would be urine and fecal analysis, adrenal function testing (ACTH stimulation/LDDS test), if clinically warranted, and possibly gastroscopy with biopsies.

Specific therapy would be dependent on an etiological diagnosis.



PATIENT IMAGES

Loki Barrett **Prostate**

SPECIES

Canine

BREED

Corgi

SEX

Intact Male

Age

11 years

WEIGHT

30 #



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Left adrenal

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

IMAGING PERFORMED BY

Sonya Myers, DVM

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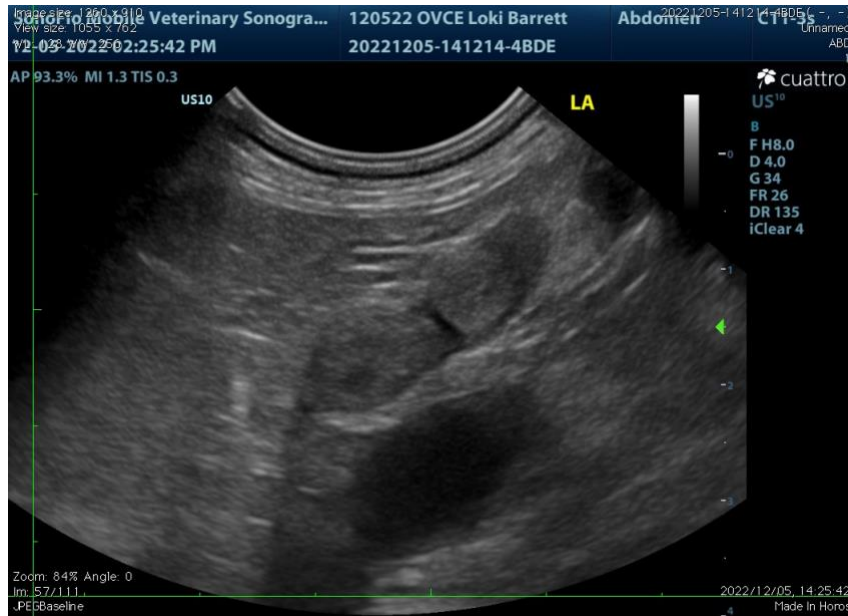
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PATIENT **Stomach**

Loki Barrett

SPECIES

Canine

BREED

Corgi

SEX

Intact Male

Age

11 years

WEIGHT

30 #



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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.

IMAGING PERFORMED BY

Sonya Myers, DVM

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

HOSPITAL NAME

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 Emergency

REFERRING VET

Dr Chow

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