



PATIENT PRESENTING CLINICAL SIGNS

Yogi Aviles History: Stranguria, hematuria.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Pomeranian Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Intact Male **Urinary System**

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

15 years

Normal trigone area, proximal urethra (0.8 cm), and iliac blood vessels.

WEIGHT

Iliac lymphadenomegaly (left 0.5 x 1.4 cm, right 0.4 x 1.1 cm) with normal shape and echogenic appearance. Ureters not visualized.

INTERPRETED BY Normal renal size (left 3.9 cm, right 3.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

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

Reproductive System

Normal size and appearance of the testicles.

IMAGING PERFORMED BY

Sonya Myers, DVM

Prostamegaly (2.2 x 3.3 cm) with a mottled echogenic appearance, irregular capsule, and foci of mineralization. Two hypoechogenic parenchymal nodules present – one (0.7 cm) in the left lobe and the other (1.3 x 1.6 cm) in the right lobe. Hyperechoic appearance of peri-prostatic tissue. FNA taken with no obvious post aspirate hemorrhage evident.

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Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.5/0.25 cm, right 0.38/0.59 cm.

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Dr Privette

Spleen

Normal size (0.8 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Liver

DATE

2/9/23

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.1 cm).



PATIENT

Gastrointestinal

Yogi Aviles

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.35 cm, duodenum 0.42 cm, jejunum 0.3 cm, colon 0.18 cm) and peristaltic activity, and no distension of the lumen. Two well circumscribed hypoechogetic mural nodules in the fundus of the stomach (1.3 x 1.4 cm, 0.8 x 0.9 cm).

SPECIES

Canine

Pancreas

BREED

Pomeranian

Normal size (right 1.1 cm, left 1.2 cm) with a hypoechogetic appearance and irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX

Intact Male

Free Abdomen

Normal mesenteric lymph nodes (0.5 cm).
No ascites.

Age

15 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

- Prostatic disease.
- Iliac lymphadenomegaly.
- Gastric nodules.

INTERPRETED BY

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

Secondary Findings:

- Pancreatic fibrosis.
- Age-related renal changes.
- Gall bladder sediment.

IMAGING PERFORMED BY

Sonya Myers, DVM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the prostate would be prostatitis and neoplasia, with benign prostatic hyperplasia, a less likely differential diagnosis.

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Dr Privette

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

Etiologies for the gastric nodules would be lymphoid hyperplasia, granulomas, and neoplasia (lymphoma, carcinoma, sarcoma).

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Although the appearance of the pancreas is consistent with fibrosis, chronic pancreatitis needs to be considered.

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Further assessment needs to be based on the pending cytology results but could include urinalysis, urine culture, 3-view thoracic radiographs, cPL/PSL assay, and FNA cytology of the gastric nodules. As the gastric nodules are mural, gastroscopy may be non-diagnostic.

Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Yogi Aviles

SPECIES

Canine

BREED

Pomeranian

SEX

Intact Male

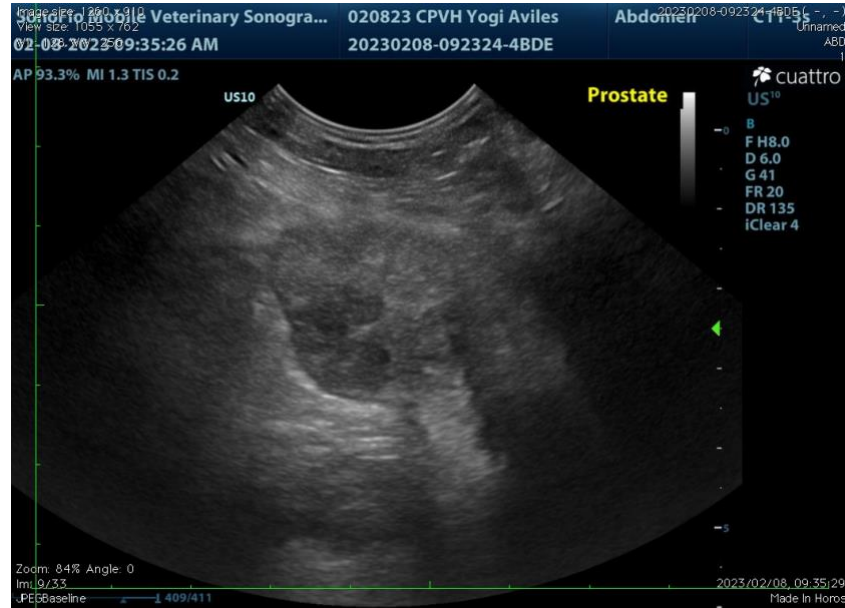
Age

15 years

WEIGHT

IMAGES

Prostate



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

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Sonya Myers, DVM

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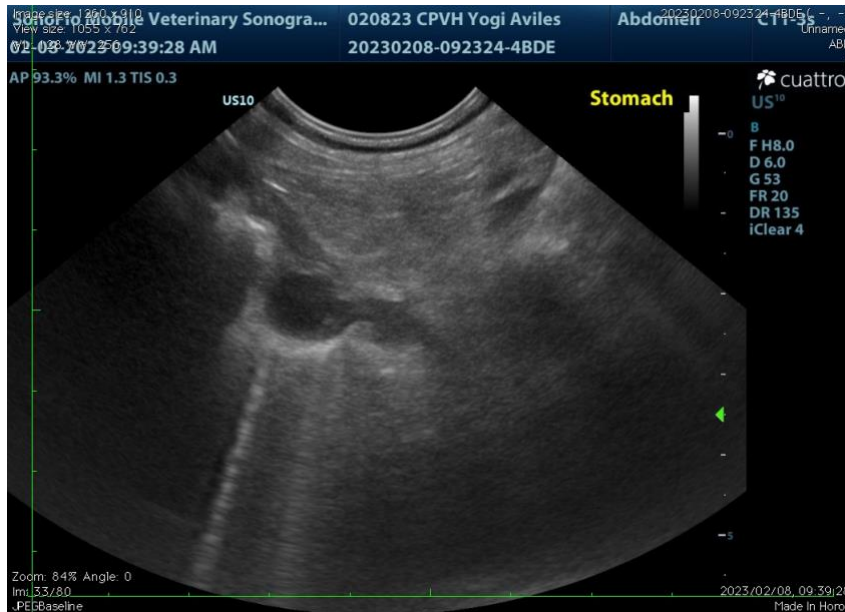
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PATIENT Pancreas

Yogi Aviles

SPECIES

Canine

BREED

Pomeranian

SEX

Intact Male

Age

15 years

WEIGHT



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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