



PATIENT PRESENTING CLINICAL SIGNS

Rocco Pena History: Vomiting, anorexia. Heart disease – on medication.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: Normal.

BREED Serum Biochemistry: N/A.

Chihuahua Mix Radiographic Findings: Abdominal mass.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Male **Urinary System**

Age Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment evident. Small uroliths present (0.2 cm).

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

WEIGHT Normal iliac lymph nodes (1.4 cm). Ureters not visualized.

Normal renal size (left 4.6 cm, right 4.5 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

INTERPRETED BY **Reproductive System**

Prostamegaly (3 x 3.9 cm) with a diffuse hyperechogenic appearance, regular capsule and small parenchymal cysts. Normal appearance of the peri-prostatic tissue.

IMAGING PERFORMED BY Enlarged (3.2 cm) left testicle with nodular (2.1 cm) echogenic appearance. Normal size (2.7 cm) and appearance of the right testicle.

Sonya Myers, DVM **Adrenal Glands**

Normal position, echogenic appearance, shape, and size. Left 0.59/0.6 cm, right 0.49/0.51 cm. Hyperechogenic parenchymal nodule (0.6 x 0.7 cm) in the cranial pole of the left gland.

HOSPITAL NAME **Spleen**

Normal position, echogenic appearance, shape, and size. Left 0.59/0.6 cm, right 0.49/0.51 cm. Hyperechogenic parenchymal nodule (0.6 x 0.7 cm) in the cranial pole of the left gland.

REFERRING VET **Liver**

Normal size (1.2 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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PATIENT *Gastrointestinal*

Rocco Pena Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.3 cm, jejunum 0.29 cm, colon 0.13 cm) and peristalsis, and no distension of the lumen. Segmental thickening of the stomach (0.63 cm) with no loss of layering. Irregular hypoechoic mass (2.1 x 3.6 cm) in the ileum with no evidence of obstruction. FNA taken with no obvious aspirate hemorrhage.

SPECIES

Canine

BREED
Pancreas

Chihuahua Mix

Normal size (right 1.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX
Free Abdomen

Male

Mesenteric lymphadenomegaly (0.4 x 1.9 cm, and 0.5 x 2.1 cm) with normal shape and echogenic appearance.

Age

No ascites evident.

13 years

ULTRASONOGRAPHIC FINDINGS
WEIGHT

Primary Findings:

- Small intestinal mass.
- Mesenteric lymphadenomegaly.
- Gastritis.
- Benign prostatic hyperplasia.
- Testicular pathology.

INTERPRETED BY

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

Secondary Findings:

- Gall bladder sediment.
- Urolith.
- Left adrenal adenoma.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

 Oviedo Veterinary Care and
 Emergency

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
REFERRING VET

The most likely etiology for the small intestinal mass would be neoplasia with a granuloma a less likely differential diagnosis.

Dr Osman

Etiologies for the lymph nodes would be reactive, lymphadenitis, and infiltrative neoplasia

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Etiologies for the gastritis would inflammatory bowel disease, ulcerative gastritis, helminths, *Helicobacter* gastritis, and emerging neoplasia.

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Further assessment needs to be based on the pending cytology results but could include 3-view thoracic radiographs and laparotomy the latter potentially being both diagnostic and therapeutic, as well as allowing for removal of the uroliths and castration.

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Specific therapy would be a dependent on an etiological diagnosis.

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PATIENT IMAGES

Rocco Pena **Intestinal mass**

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Male

Age

13 years

WEIGHT



INTERPRETED BY Prostate

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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REFERRING VET

Dr Osman

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PATIENT Left testicle

Rocco Pena

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Male

Age

13 years

WEIGHT



Left adrenal

INTERPRETED BY

Remo Lobetti, BVSc,
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 ECVIM

IMAGING PERFORMED BY

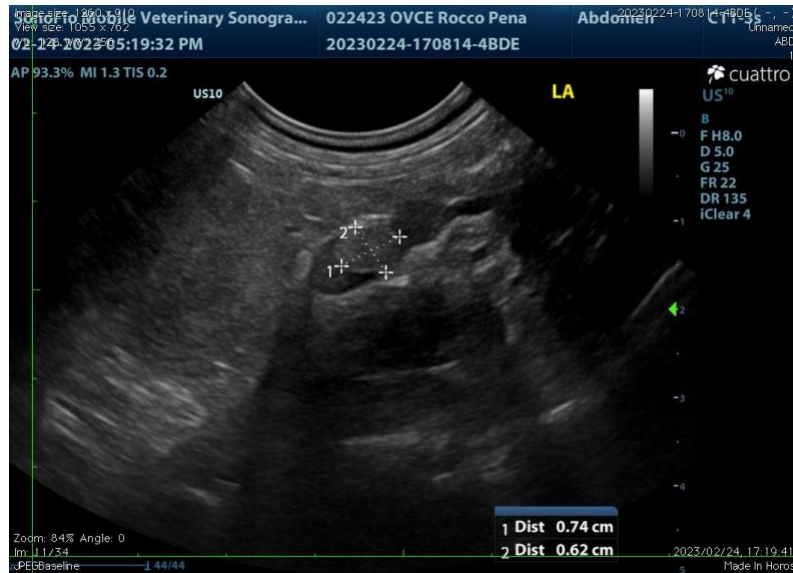
Sonya Myers, DVM

HOSPITAL NAME

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REFERRING VET

Dr Osman



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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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