



PATIENT PRESENTING CLINICAL SIGNS

Milulu Cortijo Nieves History: Anorexia, stranguria, hematuria.

SPECIES Physical Examination: N/A.

Canine CBC: Neutrophilia.

BREED Urinalysis: N/A.

Mixed Breed Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

Intact Female

AGE

12 years

WEIGHT

14.1 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Gabriel Ferrer, DVM

HOSPITAL NAME

Paseos Veterinary Center

REFERRING VET

Dr Sierra

INVOICE

302928

DATE

4/25/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness (0.17 cm) and appearance of the dorsal wall but thickened and irregular appearance of the ventral wall at the apex (0.33). Normal anechoic urine with no sediment or uroliths evident.

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

Normal iliac lymph nodes (right 0.6 cm, left 0.5 cm). Ureters not visualized.

Normal renal size (left 5 cm, right 4.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

Dilated uterine loops (2.3 x 4.3 cm) containing small amount of floating hyperechogenic sediment.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.57 cm, right 0.68 cm.

Spleen

Normal size (1.1 cm) and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness (0.1 cm) and echogenic appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.23 cm, duodenum 0.42 cm, jejunum 0.34 cm) and peristaltic activity and no distension of the lumen.



PATIENT *Pancreas*

Milulu Cortijo Nieves

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

SPECIES

Canine

Free Abdomen

No mesenteric lymphadenomegaly.

BREED

Mixed Breed

No ascites.

ULTRASONOGRAPHIC FINDINGS

SEX

Intact Female

Primary Findings:

- Pyometria.
- Thickened urinary bladder wall.

AGE

12 years

Secondary Findings:

- Age-related renal changes.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the uterus is highly indicative of pyometria.

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Etiologies for the urinary bladder would be bacterial cystitis, sterile cystitis, and emerging neoplasia.

Further assessment would be urinalysis, urine culture, and possibly BRAF testing. Ovariohysterectomy would be indicated, which would also allow for obtaining a full thickness bladder wall biopsy.

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Further specific therapy would be dependent on an etiological diagnosis.

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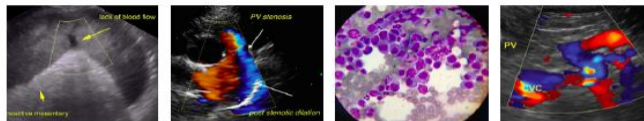
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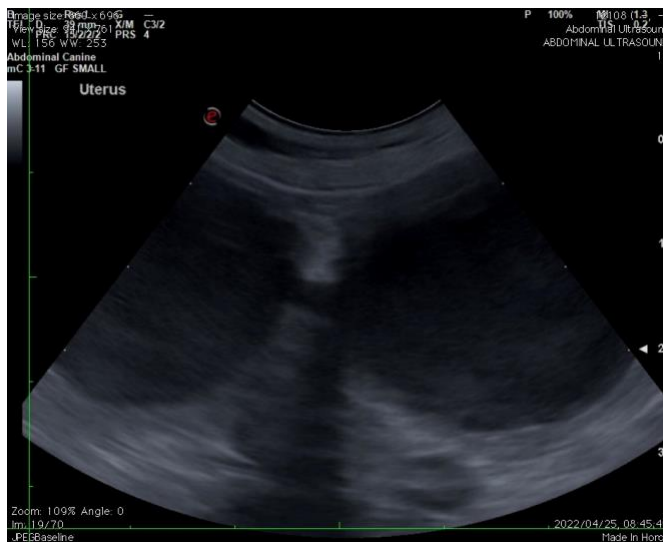
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IMAGES

Urinary bladder



Uterus



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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