



PATIENT PRESENTING CLINICAL SIGNS

Mora Ramos History: 1-week duration hematuria with progression past 24 hours. Recent estrus. Urinary incontinence since puppyhood.

SPECIES Physical Examination: Swollen vulva.

Canine Urinalysis: N/A.

BREED CBC: N/A.

French bulldog Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

Intact female

AGE

10 months

WEIGHT

23.1 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Moderate amount of floating hyperechogenic sediment. No uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

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

Reproductive System

Normal left ovary (0.7 cm).

Visible uterus (1.9 cm) containing hypoechogenic material. Normal appearance of the wall.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 1.85 x 0.33 cm, right 1.9 x 0.53 cm.

Spleen

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

IMAGING PERFORMED BY

Dr Paul Kim

HOSPITAL NAME

Ridgefield Park Animal
Hospital

REFERRING VET

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DATE

9/24/21



PATIENT *Gastrointestinal*

Mora Ramos Normal appearance of the pylorus, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness, and no loss of layering or distension of the lumen.

SPECIES

Canine *Pancreas*

BREED

French bulldog

Normal size (right 0.63 and 1 cm) and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

Intact female

No mesenteric lymphadenomegaly.
No ascites.

AGE

10 months

ULTRASONOGRAPHIC FINDINGS

WEIGHT

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- Urinary bladder sediment.
- Uterine pathology.
- Renal disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the urinary bladder would be bacterial cystitis, sterile cystitis, crystalluria, hemorrhage.

Etiologies for the uterus would be secondary to estrus, endometritis, metritis, pyometria.

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Although the appearance of the kidneys may be incidental, with the history renal disease (acute kidney injury, bacterial nephritis, congenital) needs to be considered.

Further assessment would be urinalysis, urine culture, and renal function testing (serum urea, creatinine, SDMA).

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If not a breeding animal, then ovariohysterectomy would be recommended.

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IMAGES

Urinary bladder



Kidney





PATIENT Uterus

Mora Ramos

SPECIES

Canine

BREED

French bulldog

SEX

Intact female

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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.

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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.

HOSPITAL NAME

Ridgefield Park Animal Hospital

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