

PATIENT

Zoey Brown

SPECIES

Canine

BREED

Mixed

SEX

Female

AGE

4 years

WEIGHT

71 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Lara Wiseman, DVM

HOSPITAL NAME

Boca Midtowne
Animal Hospital

REFERRING VET

Dr Boaz Man

INVOICE

302676

DATE

12/16/21

PRESENTING CLINICAL SIGNS

History: Spayed at 6 weeks but according to owner was “incomplete”. 6-monthly episodes of UTI and lethargy.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: N/A

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Small urinary bladder with thickened wall (up to 1.3 cm at the cranial ventral wall) with focal hyperechogenic areas. Moderate amount of floating and dependent hyperechoic sediment. No uroliths evident.

Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

Normal iliac lymph nodes (1.2 x 0.5 cm). Ureters not visualized.

Normal renal size (left 6.1 cm, right 6.8 cm), echogenic appearance, cortico-medullary differentiation, capsule, and pelvis.

Reproductive System

Hypoechogenic oval mass-like structure (1.3 cm) caudal and medial to the right kidney in the region of the right ovary.

Adrenal Glands

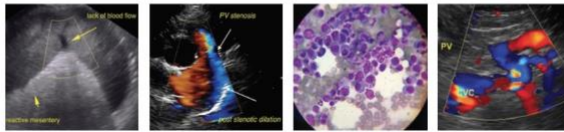
Normal shape, echogenic appearance, size, and position. Left 0.66 cm, right 0.61 cm.

Spleen

Normal size (1.9 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear 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.



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.45 cm, duodenum 0.37 cm, jejunum 0.43 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes (2.2 x 0.6 cm).
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Cystitis.
- Right ovary/remnant?

Secondary findings:

- None.

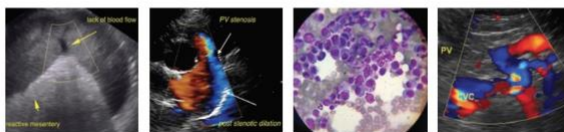
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the urinary bladder is consistent with cystitis.

With the history and the presence of a mass-like structure in the region of the right ovary, the most likely etiology would be the right ovary/ovarian remnant.

Further assessment would be urinalysis and urine culture. Hormonal assays for estrogen, progesterone, and luteinizing hormone and vaginal cytology can be considered as further evaluation of the ovarian remnant; however, a laparotomy could be both diagnostic and therapeutic.

Specific therapy would be dependent on an etiological diagnosis.



IMAGES

Urinary bladder

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Right ovary?



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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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