



PATIENT

Lola Trejo

SPECIES

Canine

BREED

Beagle

SEX

F

AGE

5

WEIGHT

14.3

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Valentina

HOSPITAL NAME

The Veterinary
Surgery

REFERRING VET

Dr. Valentina

INVOICE

12536ag

DATE

12/23/2022

PRESENTING CLINICAL SIGNS

Lola is a 5 years old , female spayed .Presented for hematuria only, otherwise no others concerns. At the clinical examination the dog is BAR.MMC are pink .HR 130 RR 32. Palpation of the abdomen does not elicit discomfort .The rest of the examination is unremarkable. Admitted to the hospital has not show up obvious hematuria .No blood found with the direct urinalysis. The CBC reveals lower platelets count and the biochemistry shows parameters in the normal average. The x-ray reveals enlarged spleen sedation has been used to take the x-ray .The urine specimen has been send out for culture and complete urinalysis. The images show the bladder the first day of admission and the second day .

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder presented a relatively uniform moderate thickening of the cranioventral and craniodorsal mucosae with micropolyploid mucosal changes without involvement of the submucosae. The urine presented some echogenicity consistent with suspended debris. No evidence of urethral pathology was present. This presentation is most consistent with chronic cystitis. Technically transitional cell carcinoma cannot be ruled out without histopathological review but is not overtly suspected based on this pattern. Cystocentesis and urine culture +/- pathological review of urine cytology would be warranted. No overt calculi were present at this time.

The kidneys revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 5.0 cm in length. The right kidney measured 5.0 cm in length.

Adrenal Glands

The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.

Spleen

The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The liver images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the gastrointestinal tract revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

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The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

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ULTRASONOGRAPHIC FINDINGS

- Chronic cystitis bladder pattern-likely underlying UTI

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A 4 week antibiotic protocol recommended based on C/S results. Assessment for predisposing issues such as recessed vulva/urine pooling is also indicated.

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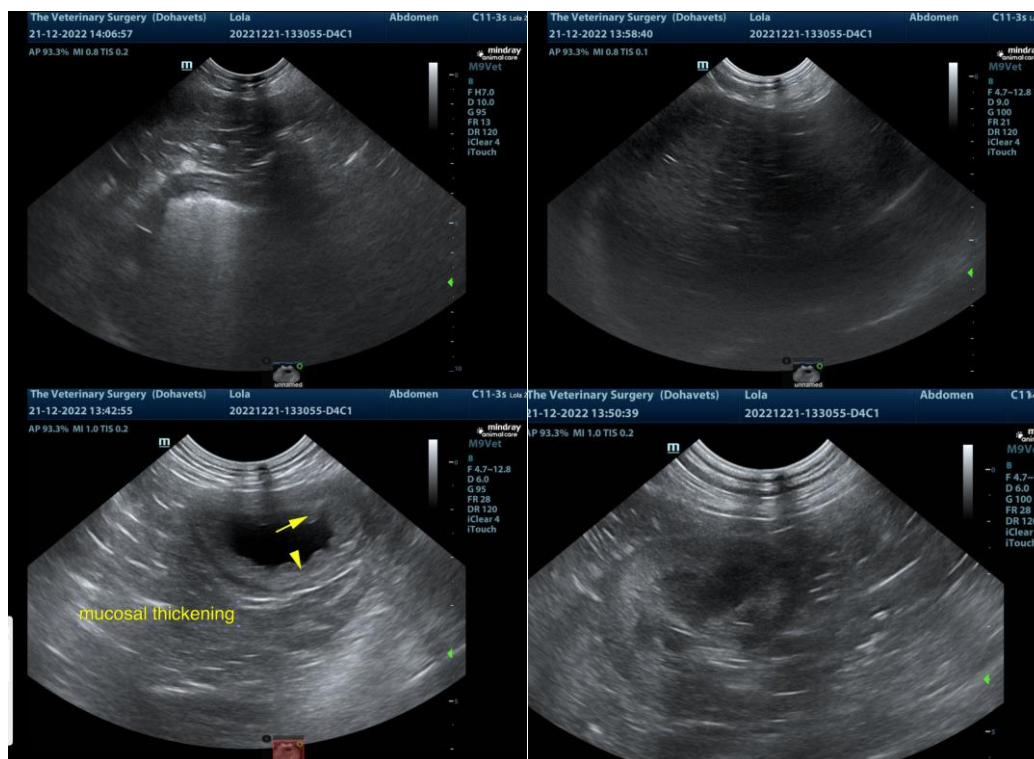
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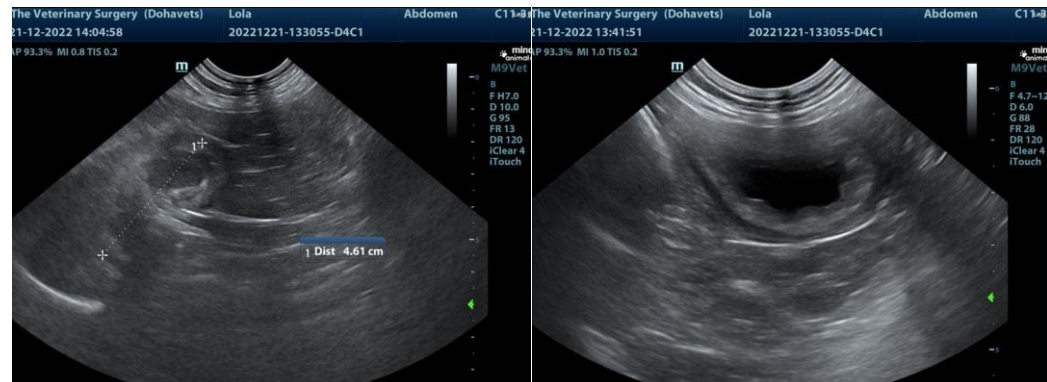
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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