



## PATIENT

Dixie Jordan

## SPECIES

Canine

## BREED

Cocker Spaniel

## SEX

Spayed Female

## AGE

1 Year

## WEIGHT

23 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Julia Bakker, DVM

## HOSPITAL NAME

Orange Blossom  
Veterinary

## REFERRING VET

Alejandra Perez, DVM

## INVOICE

73193

## DATE

2/23/26

## PRESENTING CLINICAL SIGNS

HEMATURIA (blood in urine), STRANGURIA (straining to urinate), POLLAKIURIA (abnormally frequent urination), PERIURIA (inappropriate urination), RECURRENT URINARY TRACT SIGNS - MILDLY HOODED VULVA. r/o recurrent bacterial cystitis (potential antibiotic resistance) vs. sterile/idiopathic cystitis (stress-induced) vs. urolithiasis/crystalluria vs. anatomical abnormality (hooded vulva) predisposing to infection, open

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

Small, almost empty urinary bladder containing a moderate amount of floating hyperechogenic sediment, as well as a small urolith. Normal thickness and appearance of the wall.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size, architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Left kidney measured 4.5 cm. Right kidney measured 4.9 cm. Normal color flow pattern evident in both kidneys.

### Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left measured 1.92 cm in length x 0.54 cm and 0.52 cm in width. Right measured 1.77 cm in length x 0.46 cm and 0.53 cm in width.

### Spleen

Normal size (1.2 cm in width) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

### Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

### Gallbladder

Small containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

### Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.



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**Pancreas**

Visible section presents normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**Free Abdomen**

Normal mesenteric lymph nodes.

No ascites evident.

**ULTRASONOGRAPHIC FINDINGS**

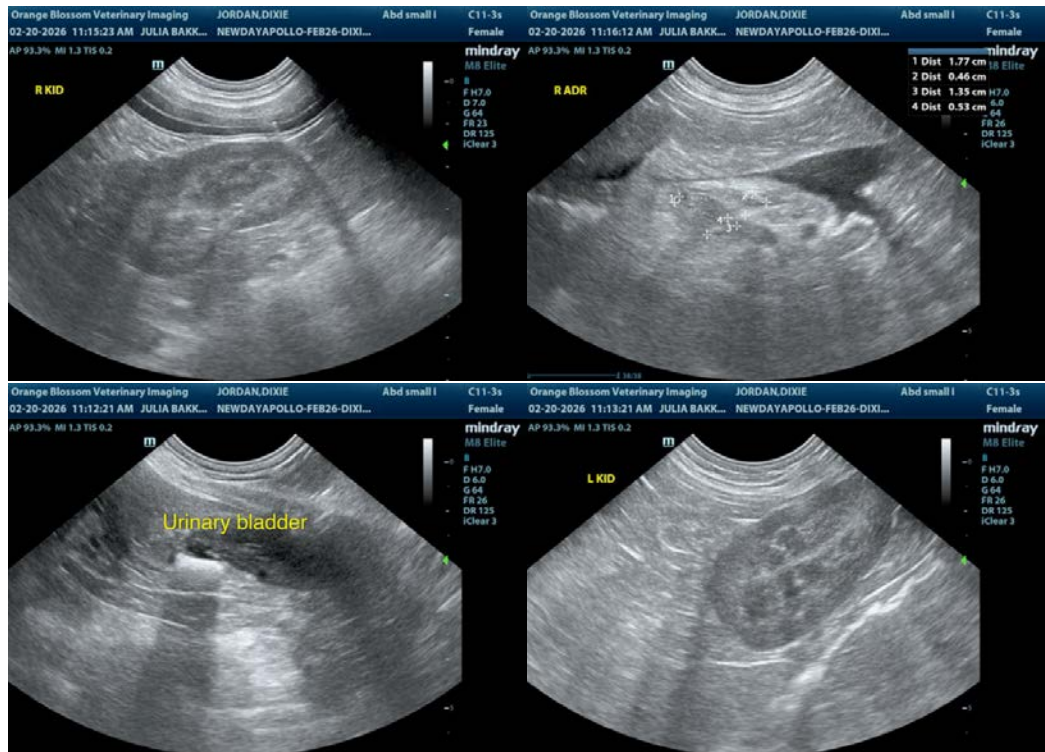
- Urolith and urinary bladder sediment.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Likely etiologies for the urinary bladder sediment would be hematuria and bacterial cystitis.

Further assessment would be urinalysis and urine culture. Management of the urolith would either be surgical removal or medical dissolution.

Specific therapy would be dependent on the urolith type.





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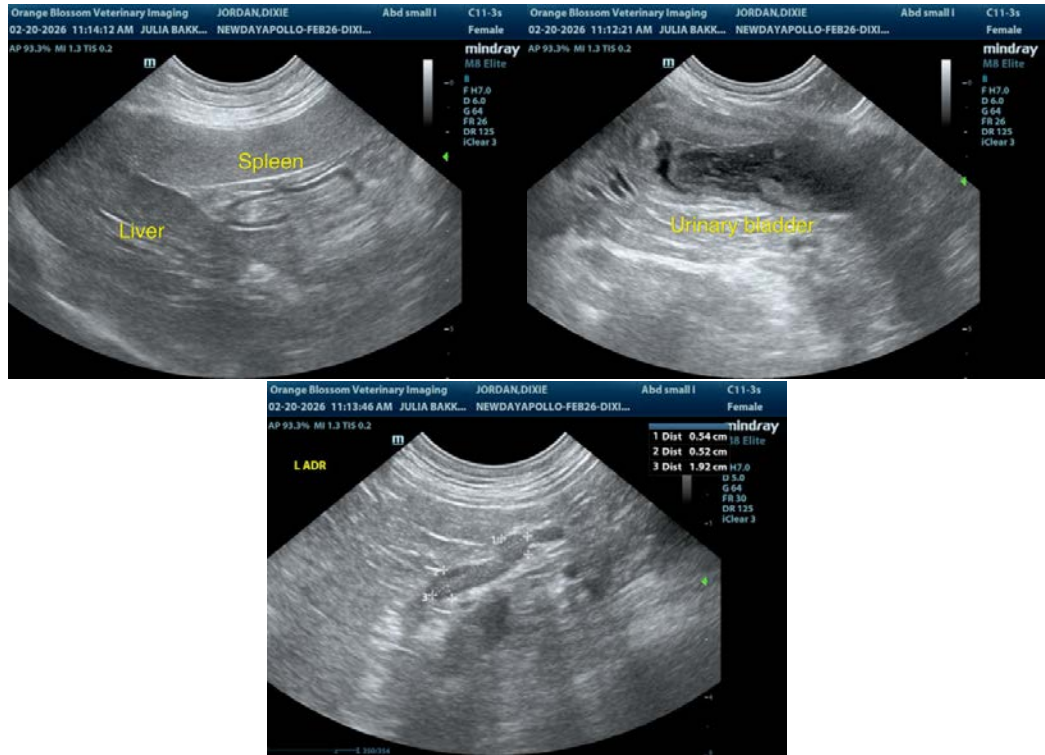
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

[info@sonopath.com](mailto:info@sonopath.com)