



## PATIENT

Sassy Magash

## SPECIES

Canine

## BREED

Shepherd Mix

## SEX

Spayed female

## AGE

7 years

## WEIGHT

78 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Devon Papa CVT

## HOSPITAL NAME

Valley VS

## REFERRING VET

Dr. Riddlebaugh

## INVOICE

74045

## DATE

4/2/26

## PRESENTING CLINICAL SIGNS

- Routine annual UA run for senior labwork on 1/28. Showing UTI, dispensed Clavamox.
- Repeat urine still showing UTI. Cysto done to send out culture. Added in Minocycline based on results (Klebsiella)
- Repeat culture still growing Klebsiella despite treatment.
- Bloodwork from 1/21: GLOB 4.3 (2.4-4.0) MCV 61 (62-76) MCH 21.0 (22.1-26.7) RETIC 8 (21-140) RETIC HGB 23.3 (23.8-28.3) MONO 739 (145-736) UA results 1/28: WBC >50/HPF RBC 5/HPF Rods present SG 1.018 pH 6.0 LEU 500 BLD 25 UA from 2/16: WBC >50/HPF RBC 3/HPF Rods and cocci present. SG 1.014 pH 7.0 LEU 500 BLD 25 First culture grew Klebsiella pneumoniae (approx. 100,000 colonies/ml). Second culture grew the same.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder is small with a thickened and irregular appearance of the apical wall measuring 0.7 cm in thickness. The rest of the wall is of normal thickness with a smooth appearance. Normal anechoic urine with no sediment or uroliths evident.

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 (left measured 5.5 cm, right measured 5.4 cm), increased echogenic appearance, some loss of cortico-medullary differentiation, pyelectasia (left worst than right), and a regular, curvilinear capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is noted in both kidneys.

### Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.4 cm and 0.42 cm in width. The right adrenal gland measured 0.49 cm and 0.38 cm in width.

## ULTRASONOGRAPHIC FINDINGS

- Focal urinary bladder thickening.
- Age related renal changes versus early chronic kidney disease.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although the pyelectasia is most likely secondary to the chronic renal changes, underlying low-grade pyelonephritis especially with the presenting clinical signs should be considered.



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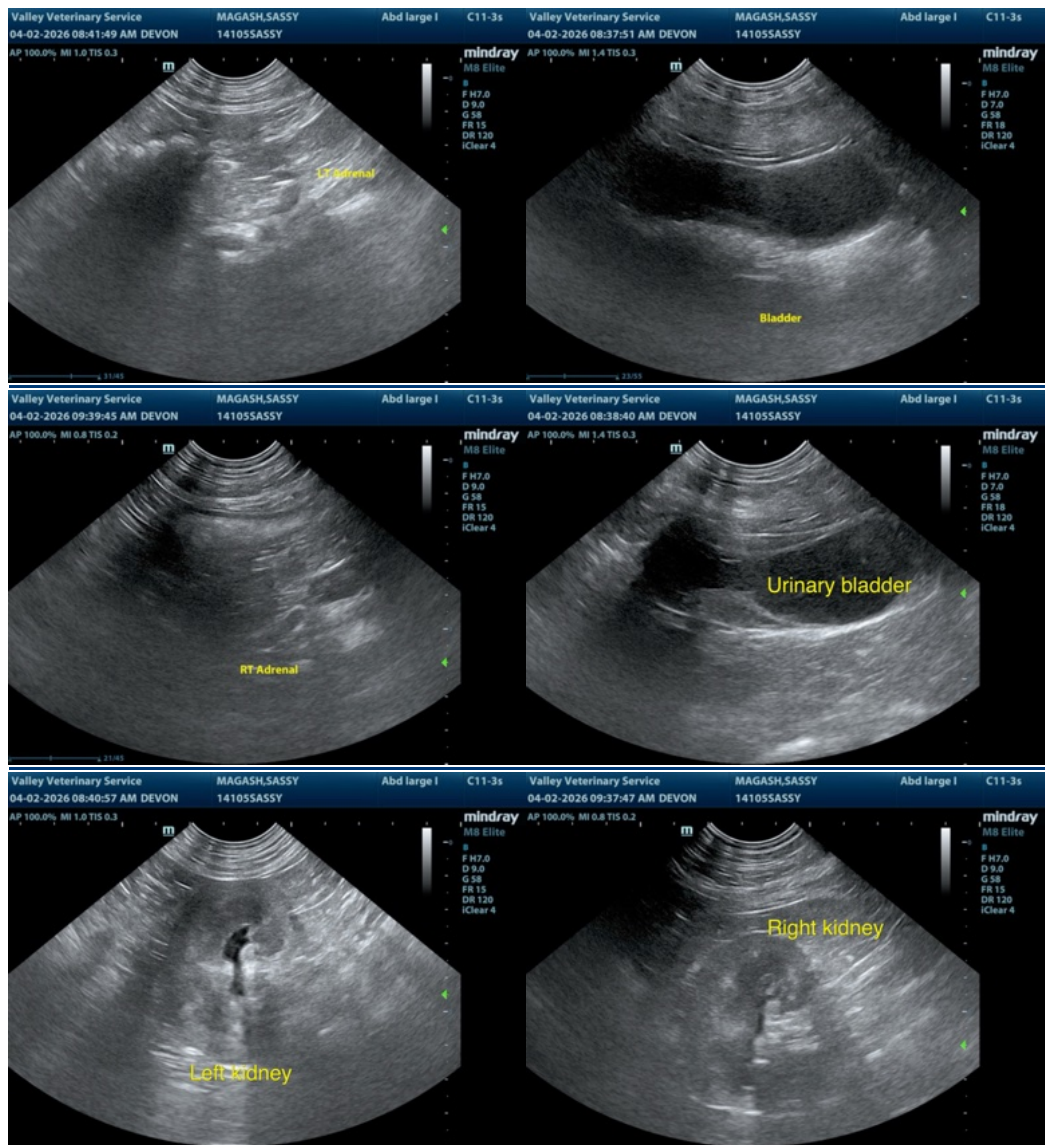
Etiologies for the focal urinary bladder thickening would be chronic bacterial cystitis, granulomatous disease and possibly emerging neoplasia.

Further assessment would be BRAF analysis and/or a catheter assisted aspirate/biopsy of the thickened urinary bladder wall for cytology/histopathology and culture.

Specific therapy would be dependent on an etiological diagnosis.

Chronic bacterial cystitis and pyelonephritis often require long term antimicrobial therapy (4-6 weeks) using an appropriate antimicrobial based on culture and sensitivity results.

Repeat urine culture should be done at the completion of antibiotic therapy and repeated 7 days later to ensure eradication of the infection.





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

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Canine

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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Shepherd Mix

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

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

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