



## PATIENT

Vincent Williams

## SPECIES

Feline

## BREED

Domestic Shorthair

## SEX

Neutered male

## AGE

11 years

## WEIGHT

4.77 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Trudeau

## HOSPITAL NAME

Vetcetera AH

## REFERRING VET

Dr. Trudeau

## INVOICE

71972

## DATE

2/26/26

## PRESENTING CLINICAL SIGNS

- Come in for an annual and senior wellness BW was performed which revealed low K level; follow up BW indicated it remained low.
- K supplements were started which appears to not have made a difference. No clinical signs
- CBC - NSF Chem WNL except : K+ 2.9 \* mmol/L PHOS 1.03 \* mmol/L After starting K supplement : K+ 2.5 \* mmol/L ; PHOS was not re-run

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. 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 3.9 cm, right measured 3.1 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

### Adrenal Glands

The left adrenal gland is normal in shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.6 cm in length x 0.26 cm and 0.25 cm in width. The right adrenal gland was enlarged and measured 1.7 cm in length x 0.39 cm and 0.47 cm in width with a hypoechoic appearance, but maintained normal position and appearance of the visible peri-adrenal vasculature.

### Spleen

Normal size 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. The spleen measured 0.9 cm in width.

### Liver

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



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## Gallbladder

The gallbladder is full 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. The small intestine measured 0.19 cm. Fecal material was present in the colon.

## Pancreas

Normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas. The left pancreas measured 0.7 cm in width.

## Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

## ULTRASONOGRAPHIC FINDINGS

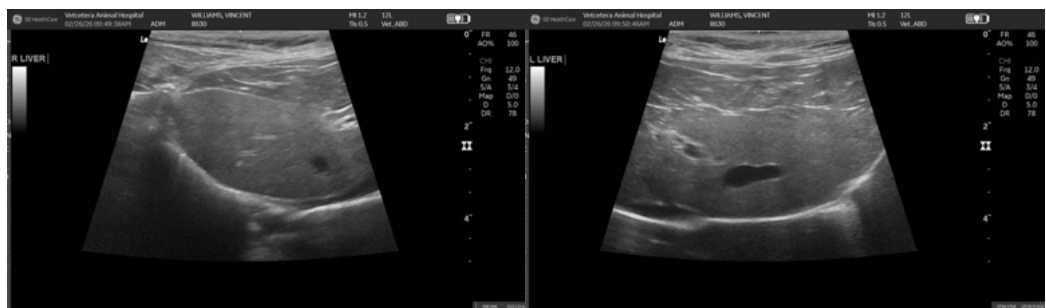
- Right adrenomegaly.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the right adrenomegaly would be hyperplasia and possibly emerging neoplasia.

Further assessment would be aldosterone assay and FNA cytology of the right adrenal gland.

Specific therapy would be dependent on an etiological diagnosis.





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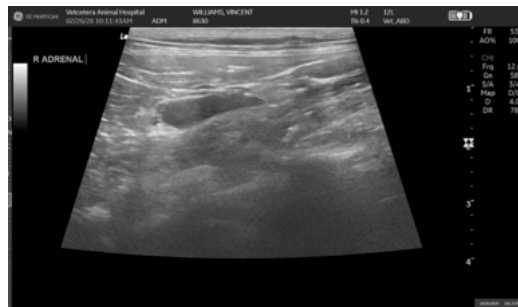
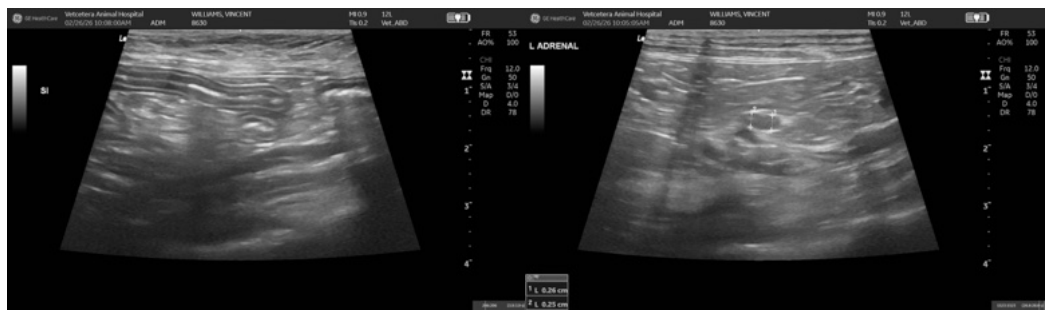
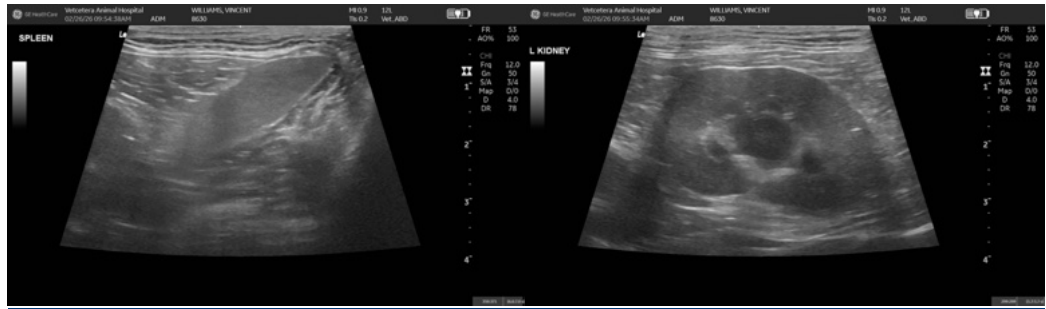
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)