



## PATIENT

Tugger Toby

## SPECIES

Canine

## BREED

Golden Retriever

## SEX

Neutered male

## AGE

12 years

## WEIGHT

51.9 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Peter Langer

## HOSPITAL NAME

North Hampton AH

## REFERRING VET

Dr. Kelleher

## INVOICE

69371

## DATE

12/17/25

## PRESENTING CLINICAL SIGNS

History: Low albumin and elevated UPC. Normal PE and asymptomatic.  
Abnormal PE/Chem/CBC/UA Results: ALB 2.3 UPC 1.5

## 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 5.8 cm, right measured 5.5 cm), increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

The prostate is small and hypoechogenic.

### *Adrenal Glands*

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.34 cm and 0.55 cm in width. The right adrenal gland measured 0.61 cm in width.

### *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 1.6 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.

### *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.



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## 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.

## Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

## Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

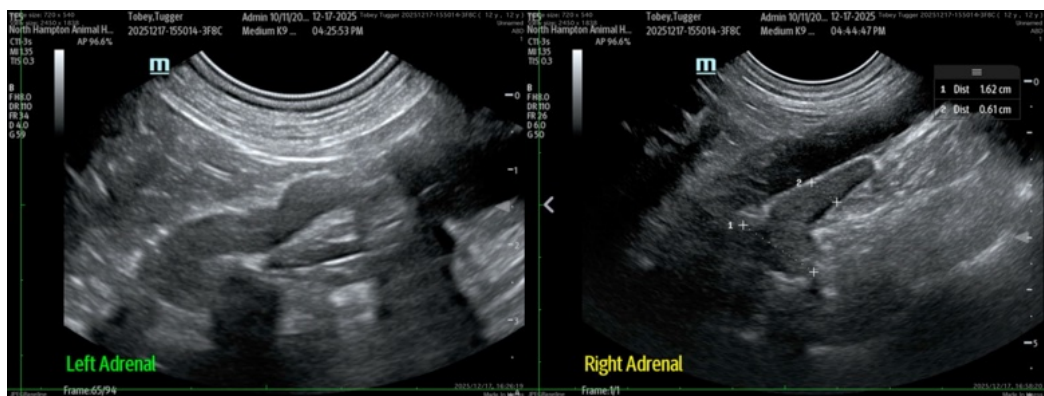
## ULTRASONOGRAPHIC FINDINGS

- Age related renal changes versus early chronic kidney disease.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further evaluation of the proteinuria would be blood pressure determination (if not already done).

Initial management of the proteinuria would be an ace inhibitor or receptor blocker and Omega 3 fatty acid supplementation.





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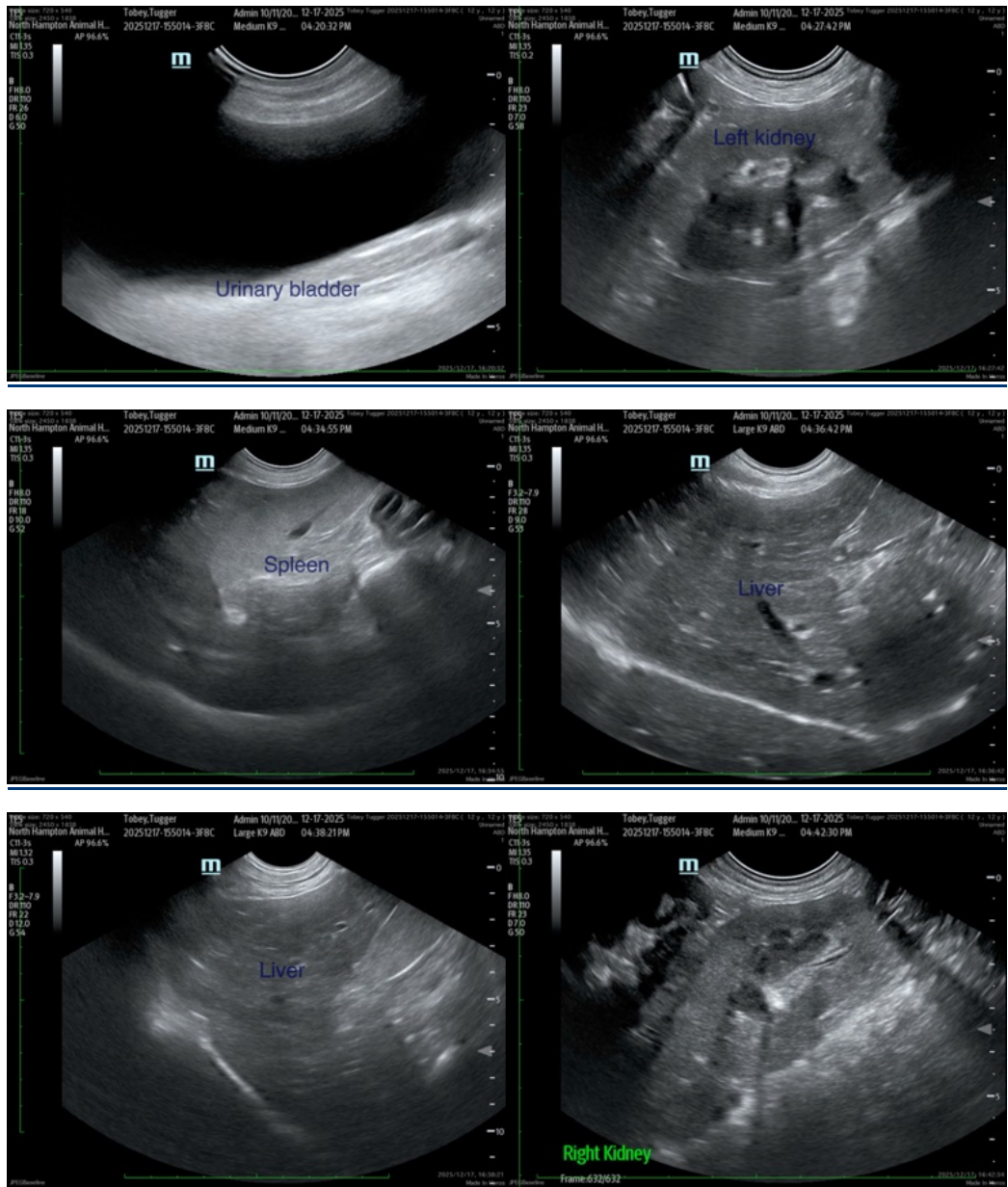
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

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