



## PATIENT

Natto Kim

## SPECIES

Canine

## BREED

Bichon Frise

## SEX

Neutered male

## AGE

12 years

## WEIGHT

14.6 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Kim

## HOSPITAL NAME

Ridgefield Park AH

## REFERRING VET

Dr. Kim

## INVOICE

75230

## DATE

5/5/26

## PRESENTING CLINICAL SIGNS

History: Patient presented to the hospital due to drinking a lot of water and frequent urination POLYURIA SINCE JAN 2026. EATING WELL ALL THE TIME. LOST WEIGHT FROM 14.5lbs TO 12.7 LBS.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder is full with a normal thickness and smooth appearance of the wall. A scant amount of floating, hyperechogenic sediment is present. Multiple small uroliths are present measuring up to 0.7 cm in size.

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 5.1 cm, right measured 5.1 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.

The prostate is small and hypoechogenic measuring 0.9 cm in width.

### *Adrenal Glands*

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 1.72 cm in length x 0.68 cm in width. The right adrenal gland measured 1.79 cm in length x 0.64 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 1.3 cm in width.

### *Liver*

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. Focal, well circumscribed, hyperechogenic nodule measuring 1.9 cm in the left lobe. No additional 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 stomach measured 0.24 cm.

## ***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. The left pancreas measured 0.5 cm in width. The right pancreas measured 0.87 cm in width.

## ***Free Abdomen***

Normal mesenteric lymph nodes.

No ascites evident.

## **ULTRASONOGRAPHIC FINDINGS**

- Uroliths
- Hepatic nodule

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The most likely etiology for the hepatic nodule would be incidental nodular hyperplasia with organized granuloma and hematoma differential diagnosis. Neoplasia would be an unlikely differential diagnosis.

Further assessment would be urinalysis and urine culture.

FNA cytology of the hepatic nodule could also be considered.

Specific therapy would be dependent on an etiological diagnosis.



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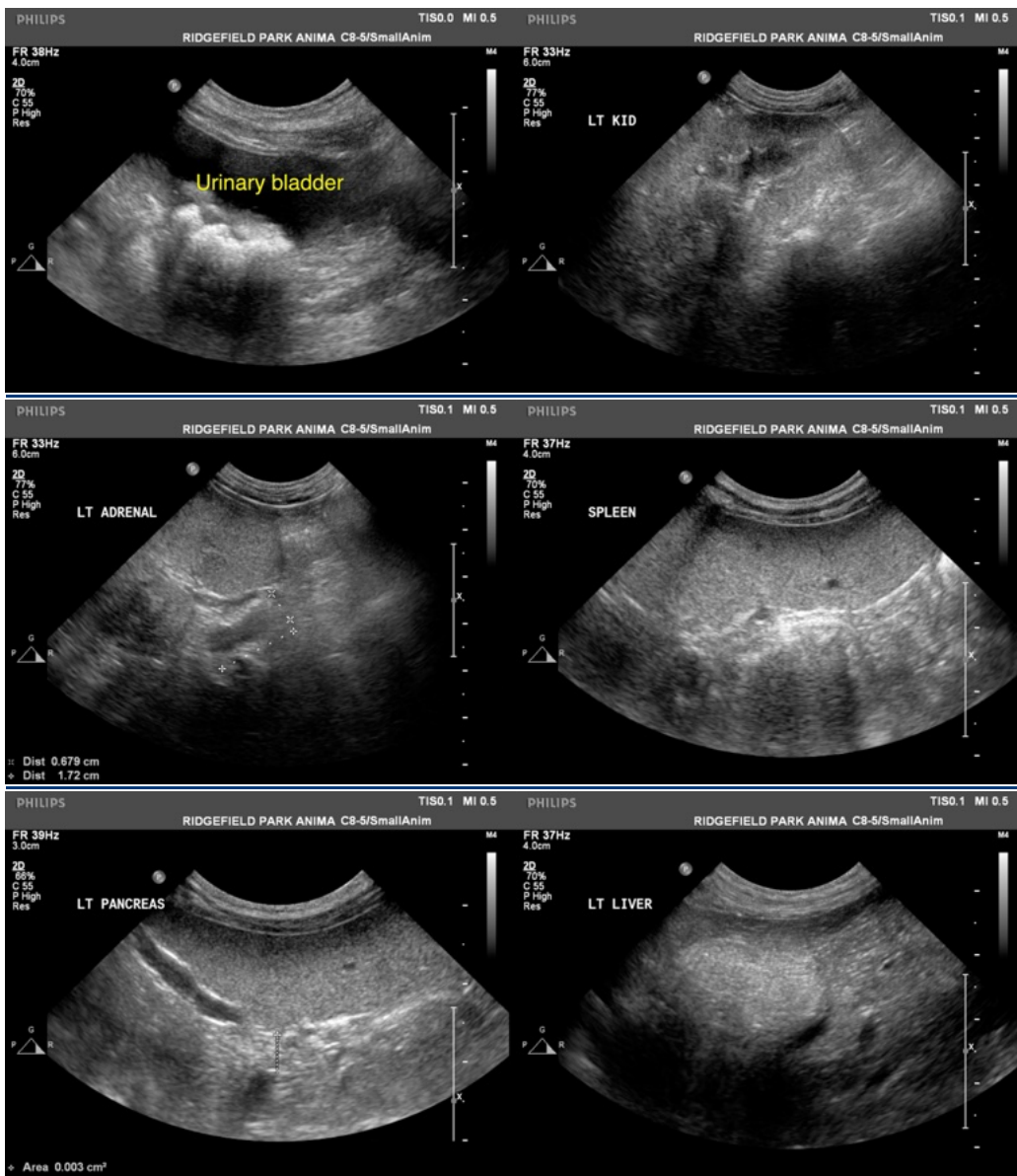
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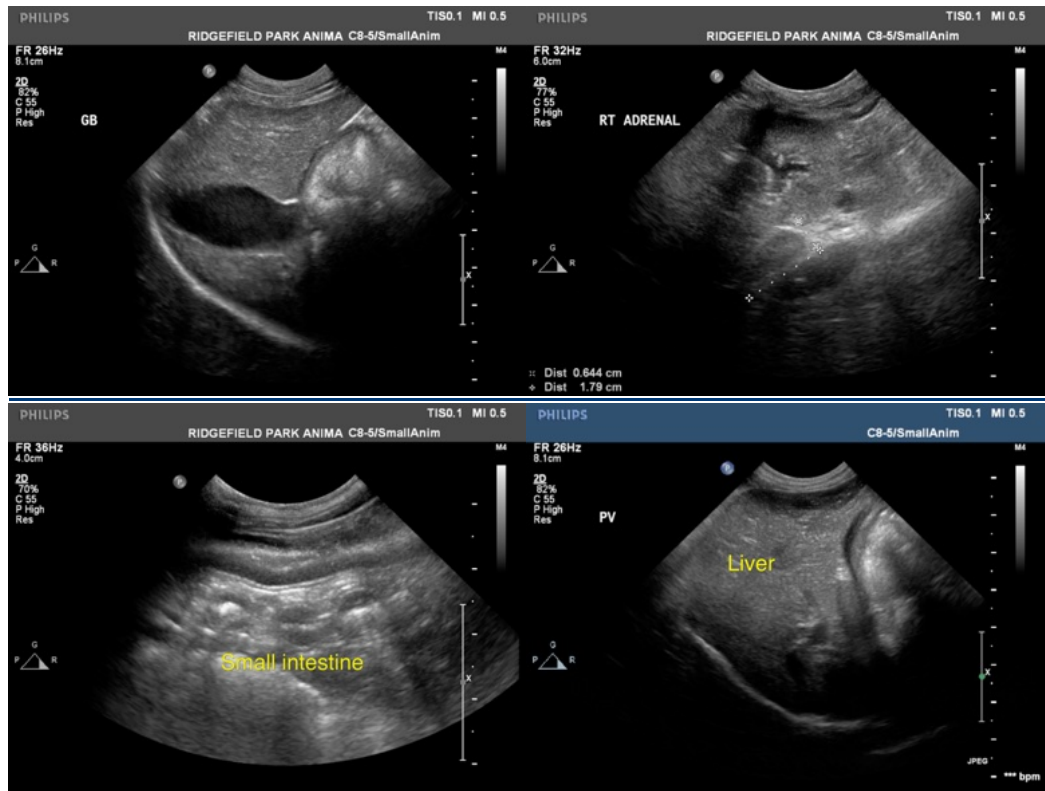
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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