



## PATIENT

Hart Ko

## SPECIES

Canine

## BREED

Mix

## SEX

Neutered male

## AGE

13 years

## WEIGHT

55.4 lbs

## PRESENTING CLINICAL SIGNS

History: Slight weight loss over the past few months. Scheduled for subcutaneous mass removal cranial to right elbow (~4cm mass), biopsy pending. Mild elevation in ALT, AST.  
Abnormal PE/Chem/CBC/UA Results: AST (SGOT) 78IU/L ALT (SGPT) 136IU/L Remainder of CBC, chem, u/a unremarkable

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder is full with a normal thickness and smooth appearance of the wall. A moderate amount of floating, hyperechogenic sediment.

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 6.3 cm, right measured 6.8 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.

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Adrienne Hou

## HOSPITAL NAME

Marina Village  
Veterinary &  
Integrative Care

## REFERRING VET

Dr. Hou

## INVOICE

69422

## DATE

12/18/25

### *Adrenal Glands*

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.56 cm in width. The right adrenal gland measured 0.68 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 2.8 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. A small amount of ingesta is present in the stomach compatible with a recent meal.

## *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

- Urinary bladder sediment.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely etiology for the urinary bladder sediment would be incidental debris with crystalluria, hematuria and bacterial cystitis a less likely differential diagnosis.

Further assessment would be urinalysis and possibly urine culture.

On this ultrasound there is no obvious etiology for the mild weight loss and the mildly elevated liver enzyme activity.

The most likely diagnosis would be age related changes.



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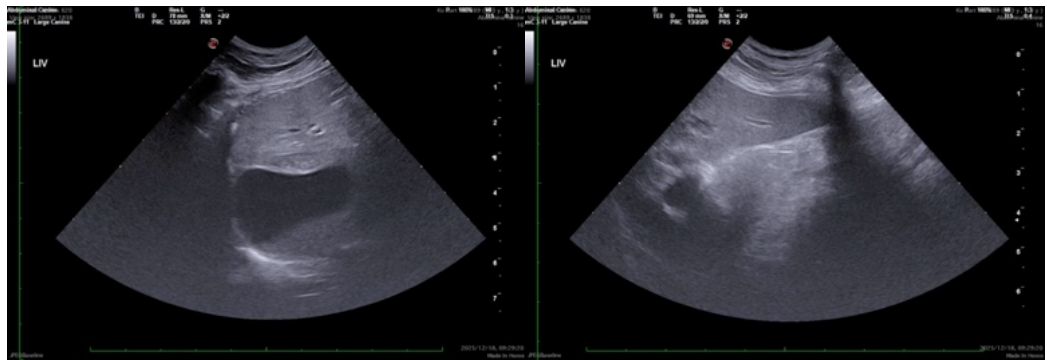
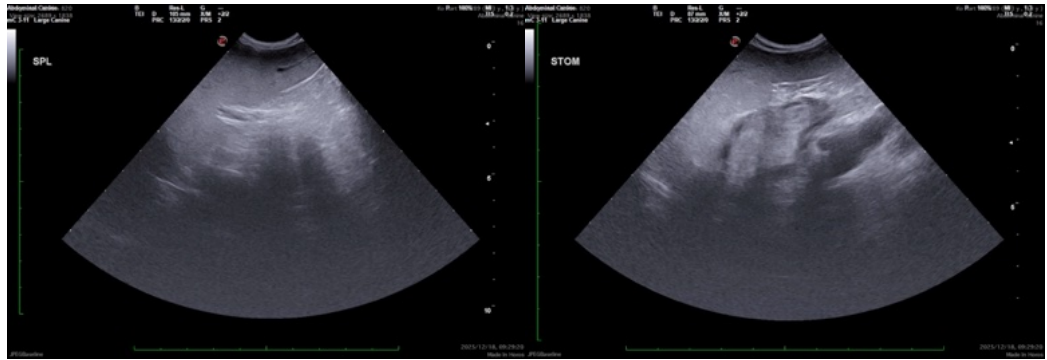
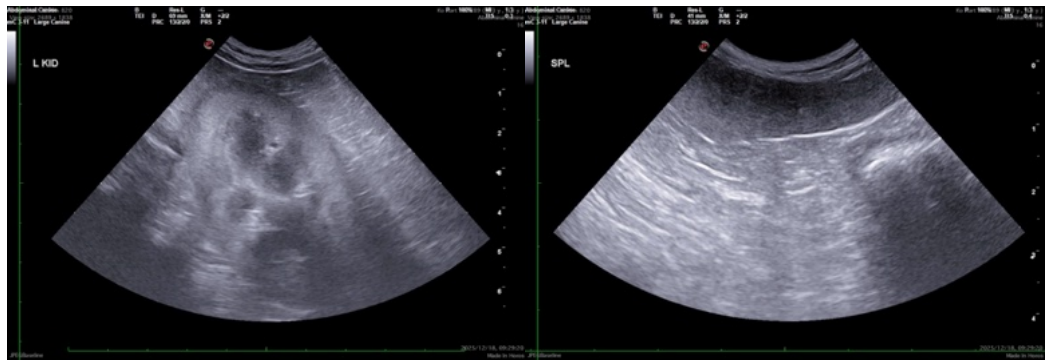
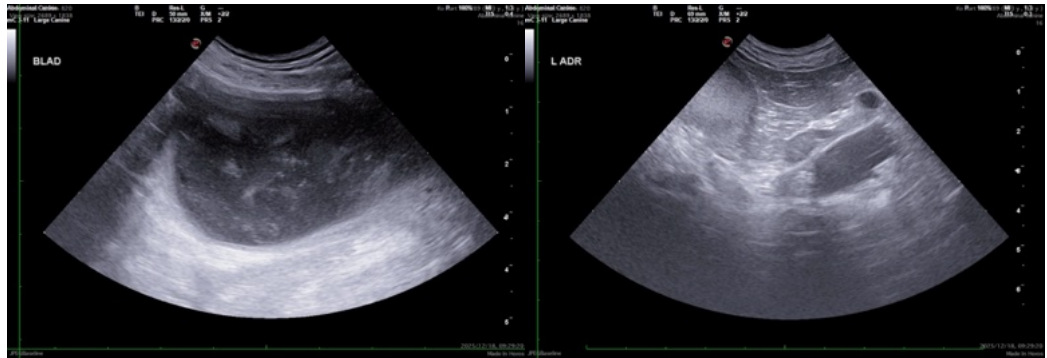
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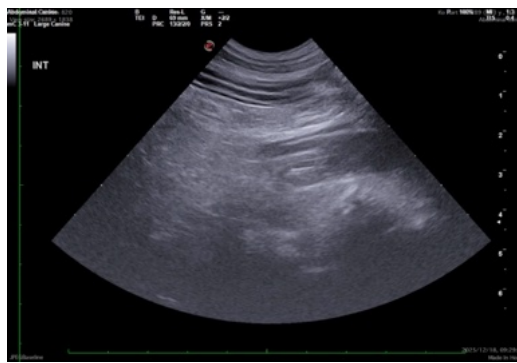
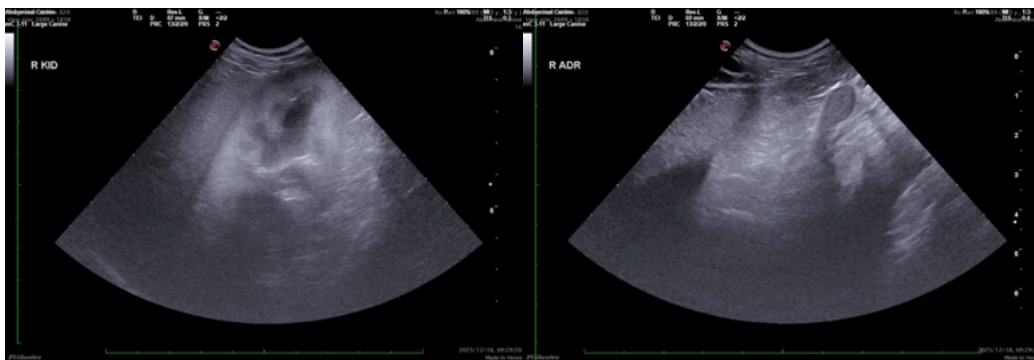
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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