

PATIENT

Luke Beehler

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

2 years

WEIGHT

9.75 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. John Sampson

HOSPITAL NAME

Richboro VH

REFERRING VET

Dr. Hughes

INVOICE

71287

DATE

2/5/26

PRESENTING CLINICAL SIGNS

- Inappropriate urination with blood in December- calculi noted, cystotomy performed for stone removal. Stone analysis showed 100% ammonium urate
- Was recommended by internal medicine to do AUS and bile acids for potential hepatic shunt as cause of stone formation.
- Bile acids pending

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 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 3.9 cm, right measured 3.9 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 kidneys had a normal color flow pattern.

Adrenal Glands

The adrenal glands were not visualized.

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.

Gallbladder

The gallbladder is small 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

- Urinary bladder sediment.

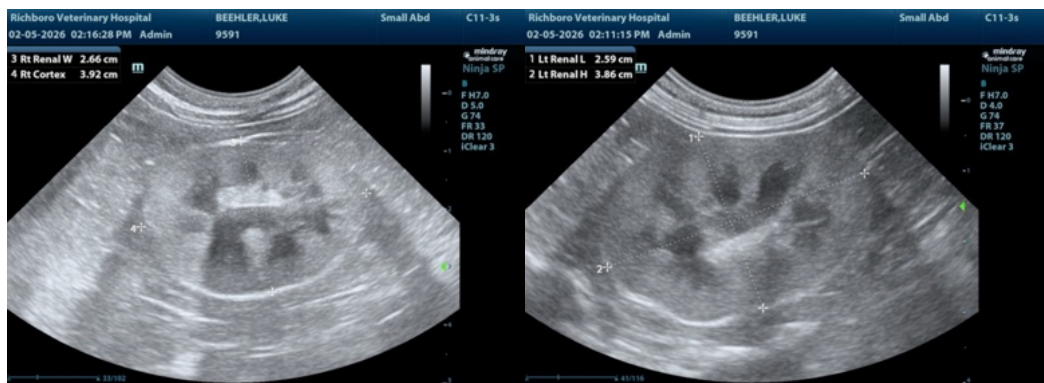
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the urinary bladder sediment would be incidental debris, crystalluria, and possibly bacterial cystitis.

On this ultrasound there was no obvious liver shunt evident.

Further assessment would be based on the pending bile acid results.

Urinalysis and urine culture would be recommended as bacterial cystitis can result in ammonium urate crystals.





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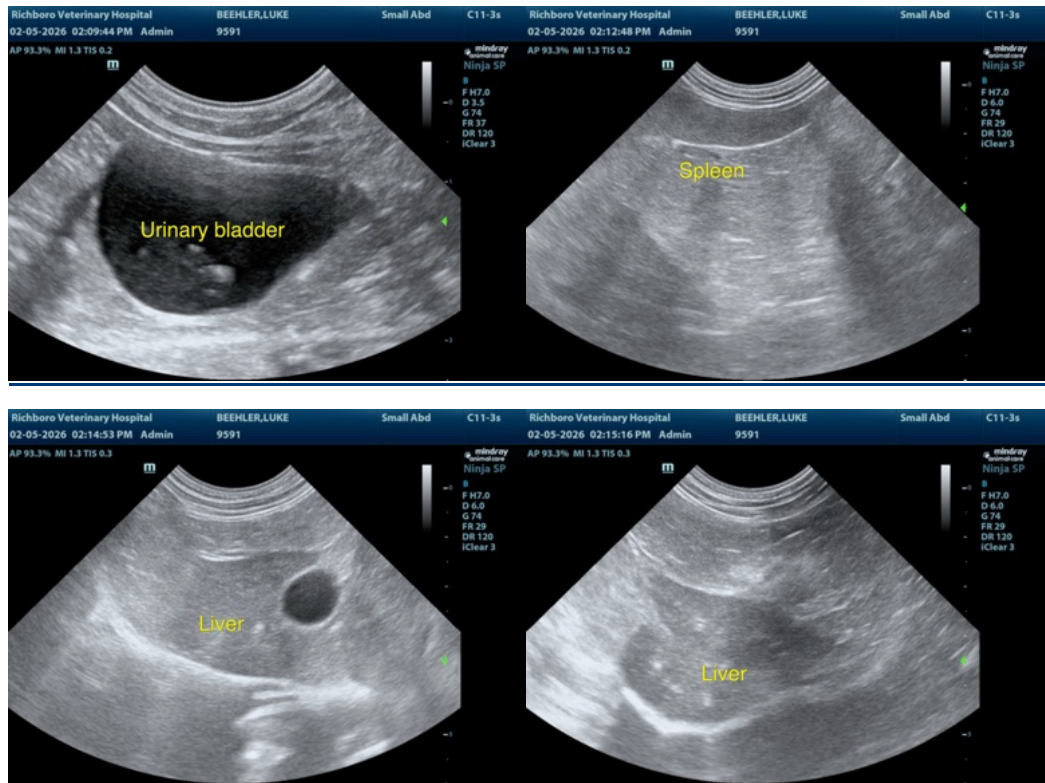
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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