

PATIENT

Pickle Beaver

SPECIES

Canine

BREED

Shepherd Mix

SEX

Spayed Female

AGE

3 Years

WEIGHT

32.9 kg

INTERPRETED BY

Greg Kuhlman, DVM,
 DACVIM (SAIM)

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Grand River Veterinary
 Hospital

REFERRING VET

Dr. Robinson

INVOICE

16477

DATE

05/22/26

PRESENTING CLINICAL SIGNS

Ongoing hematuria (dark urine) and pollakiuria (frequent urination) have not resolved or improved despite antibiotics. Ongoing for approx 1 month. Energy levels and behavior seem normal. Rads of bladder revealed no stones. A brief in clinic US revealed small but normal bladder (had voided just before). Has been on Metacam. Gaba/Traz for US.

Abnormal PE/Chem/CBC/UA Results:BW all WNL, recent U/A revealed persistent, significant inflammation with large amounts of WBCs and RBCs but no bacteria.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

There is a hyperechoic shadowing urolith within the urinary bladder that measures 1.5 cm in length. The urinary bladder otherwise appears normal. The urine contains a moderate amount of suspended echogenic debris.

The left kidney presents normal size with normal shape and architecture. Mild loss of corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The left kidney measured 6.1 cm in length.

The right kidney presents normal size with normal shape and architecture. Mild loss of corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis. The right kidney measured 6.4 cm in length.

Adrenal Glands

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 4.4 mm and the caudal pole measures 5.5 mm.

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The cranial pole measures 10.7 mm and the caudal pole measures 6.0 mm.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

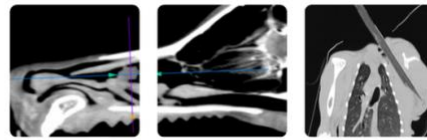
The liver presents normal size and shape with smooth lobar margins. The parenchyma has normal echogenicity with normal echotexture. No focal lesions are seen. Intrahepatic bile ducts are normal. Normal vascular pattern.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas



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The visible pancreas is normal in size with normal echogenic parenchyma and surrounded by normal peri-pancreatic mesentery.

Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam. No free abdominal fluid is seen.

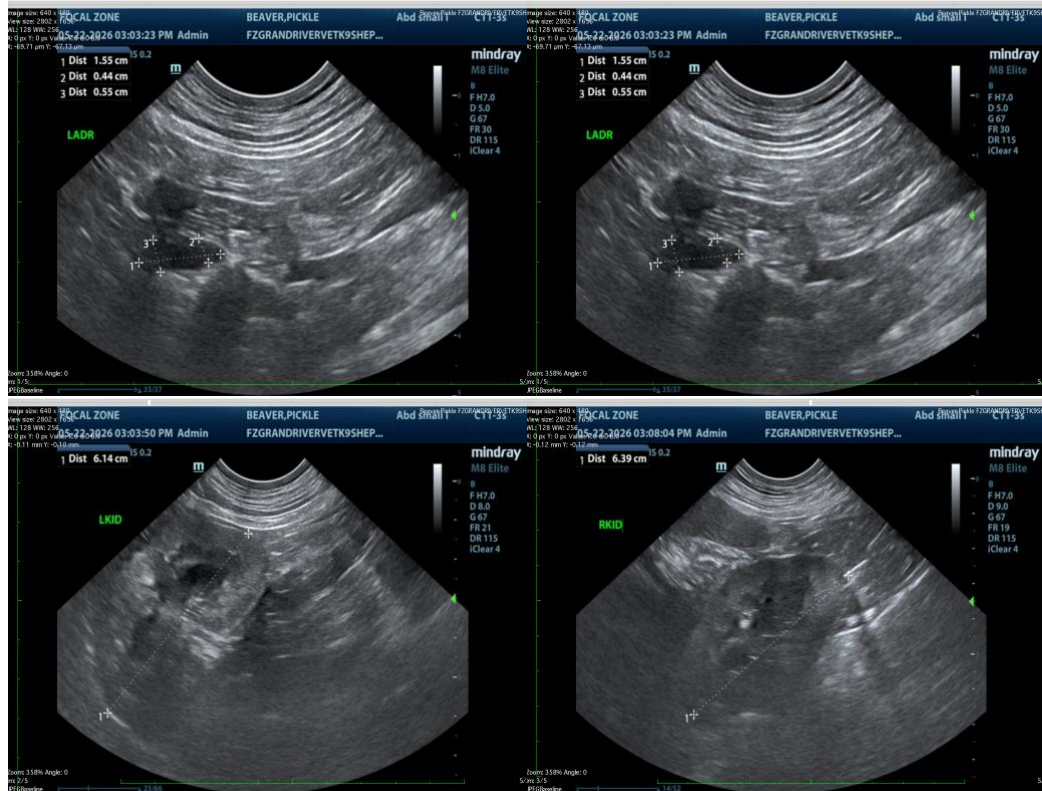
ULTRASONOGRAPHIC FINDINGS

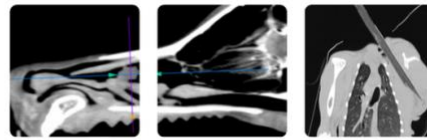
- Urinary bladder urolith.
- Bilateral mild loss of renal corticomedullary definition.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given that a radiograph was reportedly taken, and no urolith is seen, this is most likely ammonium urate or possibly a cysteine stone. Recommend, in this case, cystotomy so that the urolith can be obtained and sent to the Minnesota Urolith Lab for analysis and they will provide treatment recommendations.

The patient's clinical signs are most likely attributed to the urolith present.





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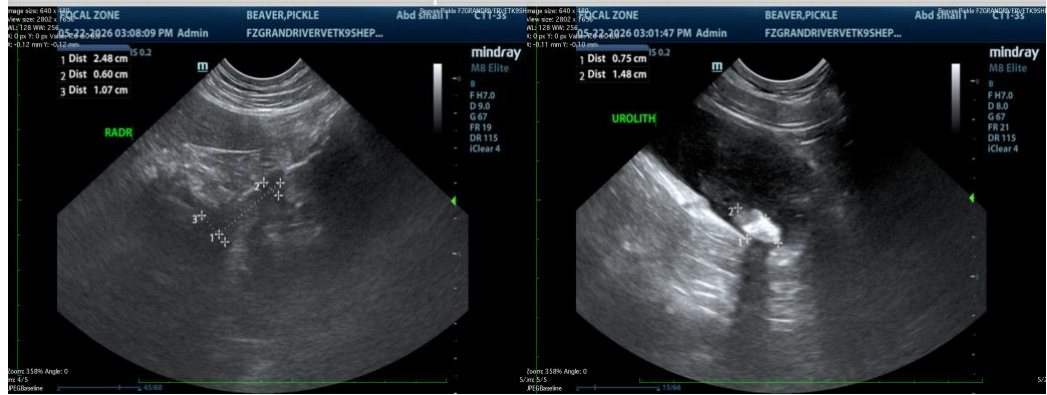
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Greg Kuhlman, DVM, DACVIM (SAIM)
 Veterinary Internal Medicine Specialist
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