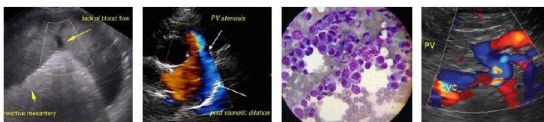




PATIENT	PRESENTING CLINICAL SIGNS
Teagh Beck	Persistent and severe hematuria since July 10, 23. Have sent with Abx and no real improvement. No meds currently.
SPECIES	Abnormal PE/Chem/CBC/UA Results: U/A WBCs 27, RBCs greater than 50, unclassified crystals, Struvite 1-5/hpf, free catch, clear and pale yellow, SG 1.038, Blood 2+
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Havanese X	Urinary System
SEX	The urinary bladder was normal in size and tone with multiple, dependent, accumulated to small lumen calculi and mineral. An example of a urinary bladder calculus measured 0.54 cm in diameter. Variably thickened ventroapical to apical urinary bladder wall exhibiting mild polyploid component was present. An example of a ventroapical polyp to wall thickening measured 1.1 cm in diameter. There was no overt evidence of mural mineralization, although focal areas of adhered luminal surface mineral in the ventroapical bladder are likely. Minor, concurrent, non-dependent, particulate urinary bladder sediment, which may indicate concurrent nondependent cellular debris / protein, crystalline debris, or mucus, was present. The urethra exhibited normal structure and tone to a depth of 3.0 cm.
MN	
AGE	
6 years	
WEIGHT	The residual prostate was free of pathology.
5.5 kg	No evidence of medial Iliac or sublumbar lymphadenopathy/masses.
INTERPRETED BY	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation or pyelectasia. The left kidney measured 3.6 cm in length. The right kidney measured 3.6 cm in length.
R. McKenzie Daniel, DVM, DABVP	
IMAGING PERFORMED BY	Adrenal Glands
Crystal Hill	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.48 cm width at the caudal pole and 0.53 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.59 cm width at the caudal pole.
HOSPITAL NAME	
Buck AH	
REFERRING VET	Spleen
Galbraith	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
INVOICE	
14769	Liver/ Gallbladder
DATE	The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion exhibiting normal hepatic vascular volume. No
8/2/23	



PATIENT

Teagh Beck

evidence of intrahepatic or extrahepatic macroscopic shunt. The gallbladder was non-distended in size containing primarily anechoic content with mild gallbladder sediment. The cystic and common bile ducts were normal.

SPECIES

Canine

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

BREED

Havanese X

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SEX

MN

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

AGE

6 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

5.5 kg

ULTRASONOGRAPHIC FINDINGS

- Cystic calculi with apical to ventroapical polypliod cystitis pattern
- Normal bilateral kidneys
- Normal volume liver

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The ventroapical polypliod cystitis pattern is most consistent with chronic inflammation / irritation secondary to cystic calculi and mineral. Unlikely potential for urinary bladder neoplastic criteria is possible. Cystotomy with urinary bladder flush, urinary bladder mural biopsies for histopathology, tissue C/S, and urine C/S on a sterile urine sample is recommended.

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

Buck AH

REFERRING VET

Galbraith

INVOICE

14769

DATE

8/2/23





PATIENT

Teagh Beck

SPECIES

Canine

BREED

Havanese X

SEX

MN

AGE

6 years

WEIGHT

5.5 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

**IMAGING
PERFORMED BY**

Crystal Hill

HOSPITAL NAME

Buck AH

REFERRING VET

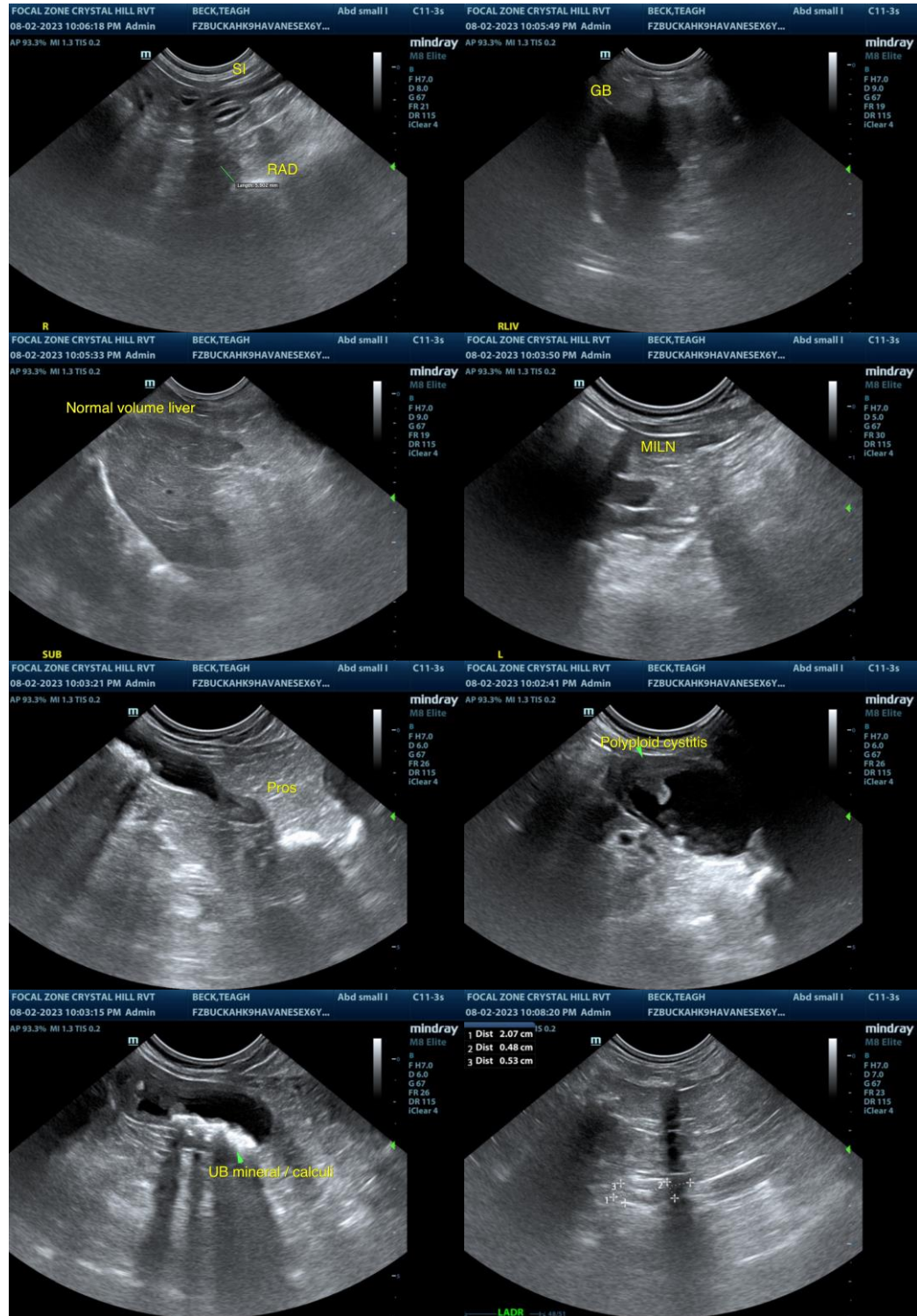
Galbraith

INVOICE

14769

DATE

8/2/23





PATIENT

Teagh Beck

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.

SPECIES

Canine

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.

BREED

Havanese X

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

SEX

MN

AGE

6 years

WEIGHT

5.5 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Crystal Hill

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