



PATIENT	PRESENTING CLINICAL SIGNS
Lily Chambers	Straining to Urinate Current Medications Enrofloxacin
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal tone. Moderate to marked, nonuniform thickening of the urinary bladder wall, primarily involving the midventral apical and middorsal wall was present with asymmetrical luminal surface contour. Estimate 2 calculi were present in the dependent lumen. An example measured 0.8 cm in diameter. Minimal anechoic urine was present. Potential for focal adhered mineral in the area of the ventroapical wall with possible focal mural mineralization was noted. The thickened urinary bladder wall exhibited mild heterogeneity. The urethra was normal in structure and tone to a depth of 3.0 cm.
Pitbull X	
SEX	
FS	
AGE	The area of the aortic trifurcation was free of pathology.
3 years	
WEIGHT	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. The left kidney measured 4.8 cm in length. The right kidney measured 4.8 cm in length.
36 lbs.	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.0 cm length x 0.62 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 2.0 cm length x 0.52 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Jenna Walsh, CVT	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.
HOSPITAL NAME	Liver/ Gallbladder
Countryside AC	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. Normal subjective hepatic volume without evidence of an overt portosystemic shunt, was noted.
REFERRING VET	
Dr. Cox	
INVOICE	
12550	
DATE	
11/8/21	The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



PATIENT

Gastrointestinal

Lily Chambers

The stomach presented intact wall layering with a normal wall layer ratio. Mild, echogenic, nonshadowing ingesta was present without signs of obstruction or foreign material.

SPECIES

Canine

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.

BREED

Pitbull X

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

SEX

FS

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

3 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

36 lbs.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Moderate to marked cystitis with cystic calculi (estimate 2 calculi present)
- Sonographically unremarkable bilateral kidneys - no evidence of renal mineral or pyelectasia
- Sonographically unremarkable liver

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cystotomy with urinary bladder flush, removal of cystic calculi, as well as urinary bladder mural biopsy for histopathology, tissue C/S, are recommended. Concurrent urine C/S on a sterile urine sample is also warranted.

IMAGING PERFORMED BY

Jenna Walsh, CVT

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Lily Chambers

SPECIES

Canine

BREED

Pitbull X

SEX

FS

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WEIGHT

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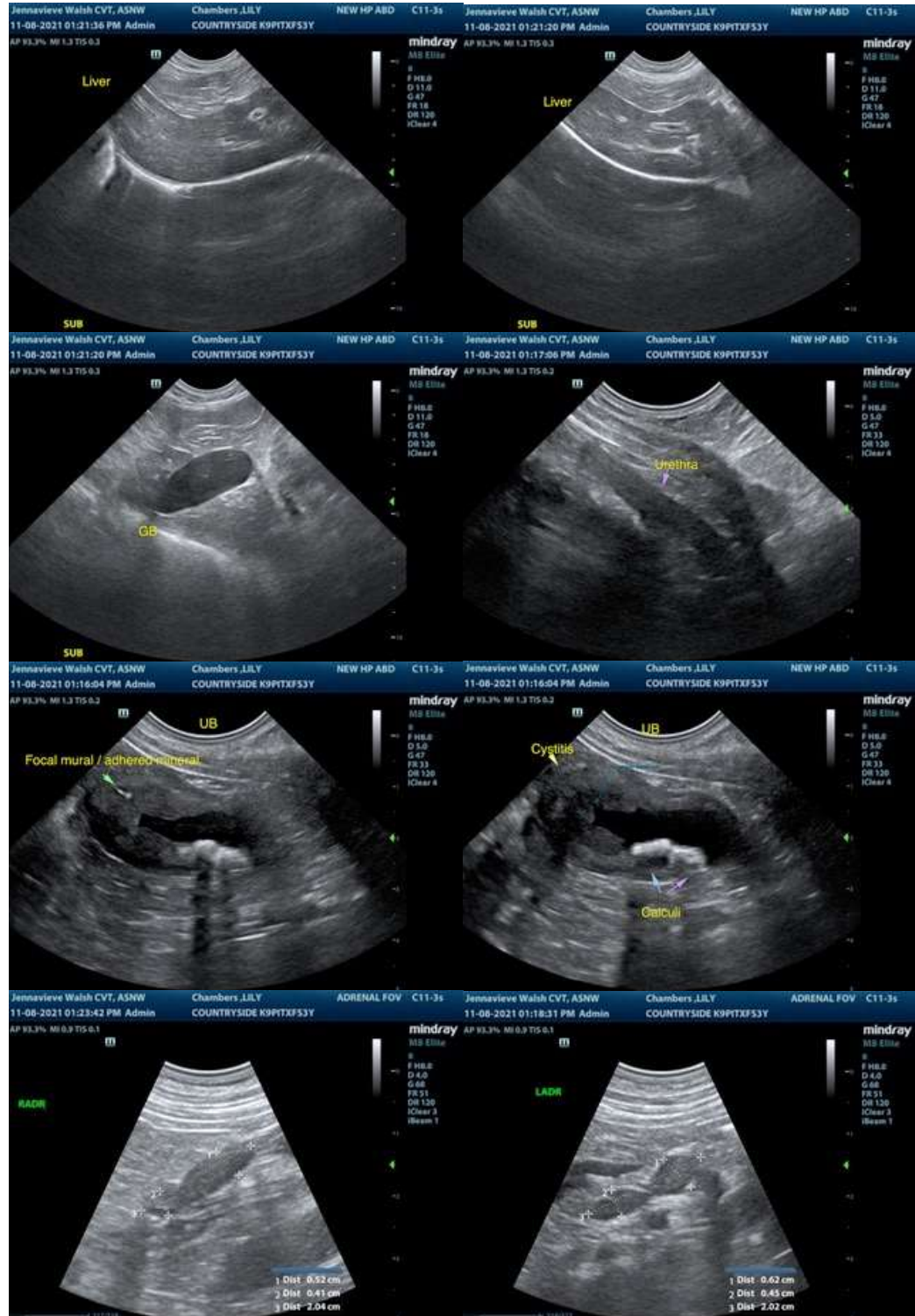
Dr. Cox

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PATIENT

Lily Chambers

The information and recommendations provided are based on the images presented by the referring veterinarian. 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

Pitbull X

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

SEX

FS

AGE

3 years

WEIGHT

36 lbs.

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