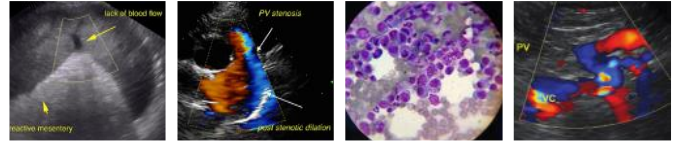


PATIENT	PRESENTING CLINICAL SIGNS
Taiga Schertzer	Recurrent clavamox-responsive hematuria for 3 months. P had TVT in 2018, treated with Vincristine, since been in remission. P is on its third course of Clavamox at the moment, prescribed by the ER clinic. No other current concerns. P was ultrasounded under 0.3mg/kg butorphanol.
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: Hematuria, USG 1.020. Culture at ER clinic = proteus mirabilis - sensitive to clavamox in vitro. Normal vulvar conformation, no DJD or other abnormalities on squatting. Clean coat. Lovely dog, in general.
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Siberian Laika	Urinary System
SEX	The urinary bladder presented moderately thickened dorsoapical to ventroapical urinary bladder wall isoechoic to the adjacent normal urinary bladder wall and extending mildly into the area of the trigone.
FS	The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. Urinary bladder wall thickness measured 0.85 cm width. Mineralization or echogenic foci within the thickened areas of urinary bladder wall was not present. The urinary bladder was subnormal in size owing to lack of urine distension which prohibited full evaluation of the urinary bladder walls. Minimal anechoic urine was present in the lumen with concurrent non-dependent particulate sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal.
AGE	
5.5yr	
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. No evidence of pyelonephritis criteria. The left kidney measured 6.9 cm in length. The right kidney measured 6.3 cm in length.
60lb	
INTERPRETED BY	The area of the aortic trifurcation was free of pathology.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.
IMAGING PERFORMED BY	Adrenal Glands
Sorbo	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.59 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 0.52 cm width at the caudal pole.
HOSPITAL NAME	Spleen
Mill Brook Animal Clinic	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.
REFERRING VET	Liver/Gallbladder
Sorbo	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. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.
INVOICE	
13260ag	
DATE	
03/23/2023	



PATIENT

Gastrointestinal

Taiga Schertzer

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.

SPECIES

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.

Canine

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

BREED

Pancreas

Siberian Laika

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 was evident.

SEX

Free Abdomen

FS

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

AGE

ULTRASONOGRAPHIC FINDINGS

5.5yr

- Cystitis pattern-suspect chronic cystitis with potential for chronic bacterial cystitis.
- Normal bilateral kidneys-no evidence of pyelonephritis.

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

60lb

If recurrent positive C/S for proteus in a short time frame over the last several months, reinfection potentially secondary to embedded bacterial cystitis as opposed to infection relapse may be a primary concern. Urinary bladder wall biopsy for histopathology as well as tissue C/S would be ideal given this scenario. Potential for neoplastic urinary bladder criteria considered less likely. A screening BRAF assay could be considered for further clarification.

INTERPRETED BY

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

Empirically if clinically indicated based on C/S results, change to fluoroquinolone with shorter term higher dose regimen i.e., enrofloxacin 20 mg/kg PO SID x 4-5 days given highly suspected cystitis may prove more effective. Cystoscopy to assess for non-visualized vaginal vault or distal urethral pathology which may predispose to ascending infection could be considered. As needed urinary probiotics could also be beneficial. Serial sonographic monitoring of the urinary bladder for evidence of regression of cystitis pattern is strongly suggested as ideal antibiotic time/dose can be difficult to determine.

IMAGING PERFORMED BY

Sorbo

For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

HOSPITAL NAME

Mill Brook Animal
Clinic

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

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PATIENT

Taiga Schertzer

SPECIES

Canine

BREED

Siberian Laika

SEX

FS

AGE

5.5yr

WEIGHT

60lb

INTERPRETED BY

R. McKenzie Daniel,
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(Canine and Feline)

IMAGING PERFORMED BY

Sorbo

HOSPITAL NAME

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REFERRING VET

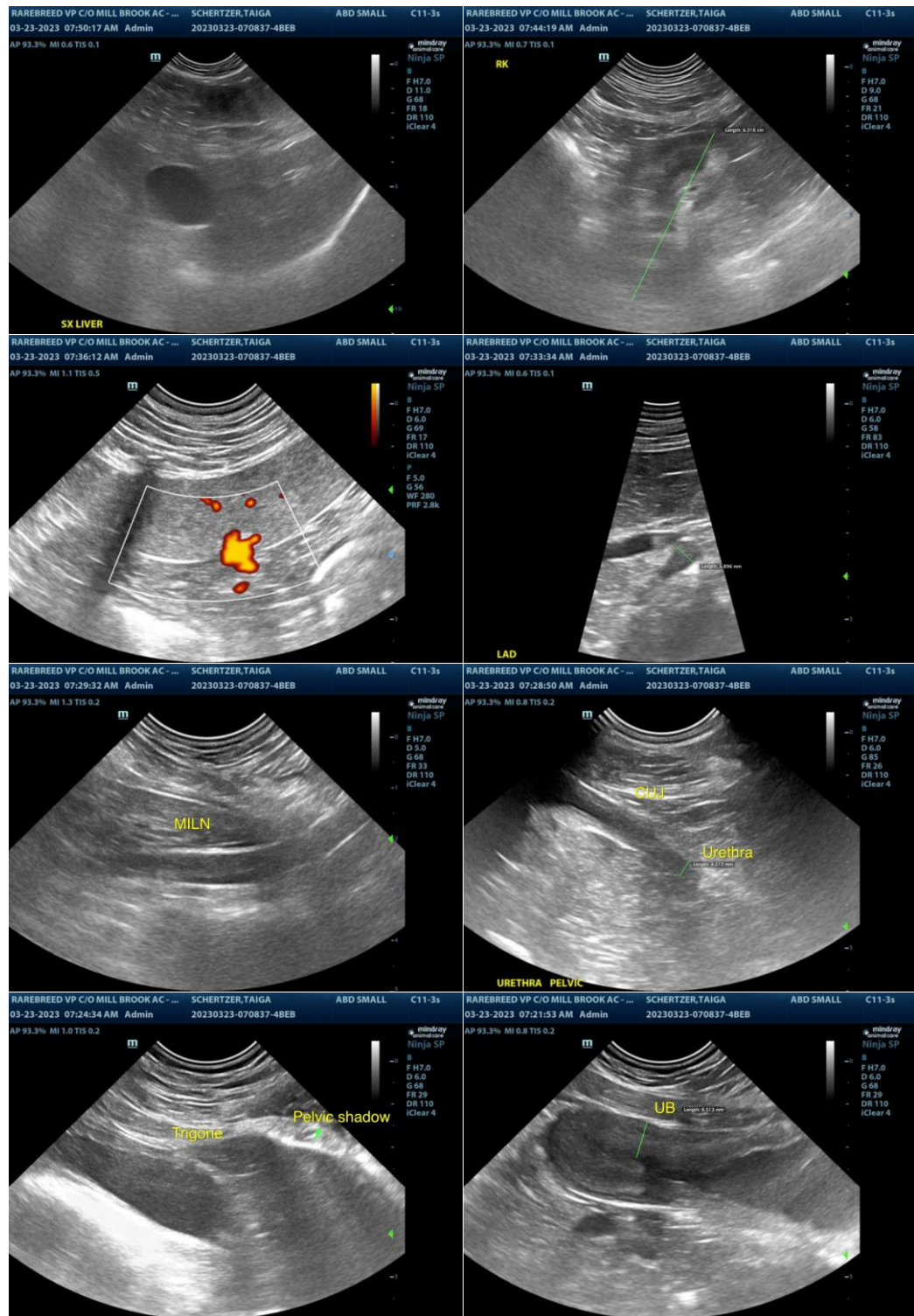
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PATIENT

Taiga Schertzer

SPECIES

Canine

BREED

Siberian Laika



SEX

FS

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.

AGE

5.5yr

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.

WEIGHT

60lb

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

mac.daniel@sonopath.com

INTERPRETED BY

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

IMAGING PERFORMED BY

Sorbo

HOSPITAL NAME

Mill Brook Animal
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