



PATIENT	PRESENTING CLINICAL SIGNS
Cinnamon Whisler	Presented at our hospital for not acting like themselves. At home today P is lethargic and O thinks breathing seems abnormal. P ate and drank very little today. P is typically very active and playful, with a good appetite. P is continuing to use litterbox. Previous Health Concerns: urinary obstruction, hyperthyroid Current Medications: dasaquin, thyroid meds Appetite/When did they eat last: decreased
SPECIES	
Feline	
BREED	Abnormal PE/Chem/CBC/UA Results: Temp: 105.8 Cbc : hct 13,8 Chem:nr Epoc: ph 7.2 K+ 3.8 hct 15% Rads: abdomen appears abnormal ; possible soft tissue density in mid abdomen; rounded kidneys and liver
DSH	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
MN	Urinary System
AGE	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild non-dependent particulate sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
11yr	Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 4.2 cm in length. The right kidney measured 4.5 cm in length.
WEIGHT	The area of the aortic trifurcation was free of pathology.
6.6kg	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.
IMAGING PERFORMED BY	Spleen
Erin Wicks	The spleen exhibited mild enlargement with subtle medial capsule asymmetry and parenchyma heterogeneity. No splenic masses/nodules. The spleen measured 1.3 cm. Incidental splenitis is suspected. Potential for infiltrative round cell neoplasia cannot be excluded. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.
HOSPITAL NAME	Liver/Gallbladder
Shores Veterinary Emergency Center	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 vascular volume. 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 with mild non-organized echogenic debris. The cystic and common bile ducts were normal.
REFERRING VET	Gastrointestinal
Dr. Law	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.
INVOICE	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Suspect possible focal to segmental mild intestinal wall thickening in the mid to caudal abdomen which may suggest
14260ag	
DATE	
06/30/2023	



PATIENT

Cinnamon Whisler

jejunal location. Mildly thickened intestine measured up to 0.5 cm in width. Normal appearing intestine measured 0.23 cm in width. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

SPECIES

Feline

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

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 was evident.

BREED

DSH

Free Abdomen

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

SEX

MN

ULTRASONOGRAPHIC FINDINGS

- Minor urinary bladder sediment.
- Bilateral mild chronic renal changes.
- Mild non-specific splenomegaly.
- Sonographically normal liver.
- Gallbladder debris (non-mucocele).
- Possible mild focal to segmental mid to caudal abdominal thickened intestine.

AGE

11yr

WEIGHT

6.6kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A CBC pathology review and infectious disease panel given concurrent anemia and fever may be considered. Assuming normal clotting status, using a 25g needle and with Benadryl premed, a splenic FNA for screening cytology could be considered for further assessment to ensure only benign changes are present. However, splenic sampling is likely precluded at this stage given the degree of anemia.

INTERPRETED BY

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

The mild gallbladder sediment is of unclear clinical significance and potentially incidental yet at times has been associated with hepatobiliary inflammation in cats. Monitoring of hepatic enzyme levels if suggested. Sonographic reassessment/monitoring of the possible mild focal to segmentally thickened intestine for evidence of progression is recommended.

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores Veterinary
Emergency Center

REFERRING VET

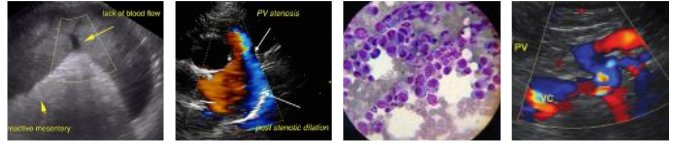
Dr. Law

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Cinnamon Whisler

SPECIES

Feline

BREED

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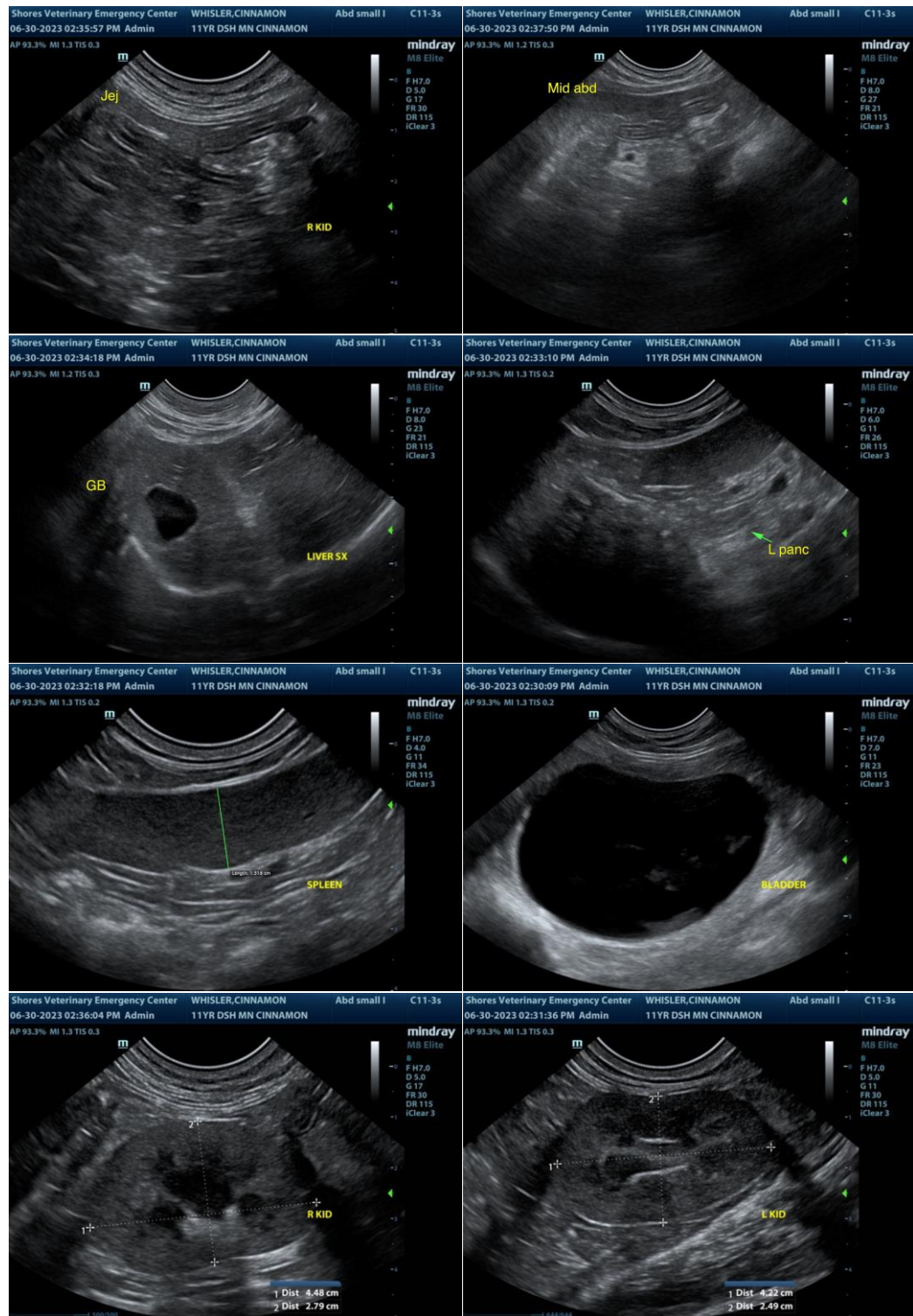
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

Cinnamon Whisler

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.

SPECIES

Feline

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

BREED

DSH

SEX

MN

AGE

11yr

WEIGHT

6.6kg

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**IMAGING
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