



PATIENT	PRESENTING CLINICAL SIGNS
Penny Sfarra	History: last summer had episode of diarrhea and vomiting - when having diarrhea would be lethargic then fine for a few days - resolved with Metronidazole, Cerenia, Aminopentamide, Galliprant, 2 weeks ago had another episode of all of this - this time blood on stool, not eating, SEVERE dental disease
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: Bloodwork done elsewhere cbc-- wbc- 4.85, lym 0.56, chem alt 107, chol 62, tp 11, glob 9.7, bun 118, creat 3.26
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Terrier Mix	Urinary System
SEX	The urinary bladder , trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized, and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.
Spayed Female	
AGE	The right kidney revealed moderate degenerative changes with irregular pyelectasia and corticomedullary mineralization. Pinpoint mineralization noted. The right kidney measured 4.93 cm.
14 Years	The left kidney revealed similar changes to the right. Pinpoint mineralization noted. The left kidney measured 4.97 cm.
WEIGHT	Blood flow to the kidneys appeared to be subjectively subnormal on power doppler assessment.
15 Lbs.	Adrenal Glands
INTERPRETED BY	Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.0 cm x 0.48 cm in width. The right adrenal gland measured 1.6 cm x 0.44 cm at the cranial pole and 0.4 cm at the caudal pole.
Eric Lindquist, DMV DABVP, Cert. IVUSS	
IMAGING PERFORMED BY	Spleen
Adrienne Ligenza	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted. Cranial folding of the spleen was noted.
HOSPITAL NAME	
Rush VUC	
REFERRING VET	Liver
Dr. Taylor Urban	The liver images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.
INVOICE	
13806	
DATE	
2/6/22	



PATIENT

Gastrointestinal

Penny Sfarra

The **gastrointestinal tract** was structurally unremarkable.

SPECIES

Canine

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED

Terrier Mix

SEX

Spayed Female

- Moderate degenerative renal changes
- Structurally unremarkable GI tract
- Splenic fold
- Age-related abdominal changes otherwise

AGE

14 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

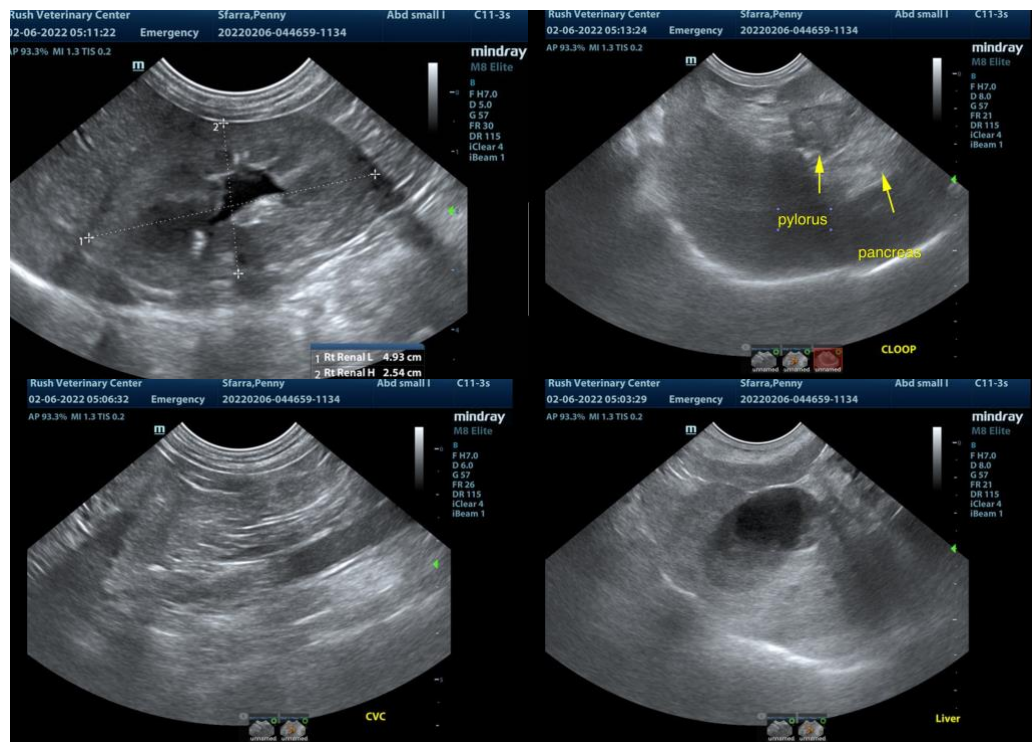
WEIGHT

15 Lbs.

Full urinary work up warranted, if not already performed. No evidence of neoplasia. The kidneys appear approximately 50-60% compromised. No other evidence of significant disease. Structurally the abdomen appears largely unremarkable, except for the renal changes, however, the azotemia is likely a primary driver of the anorexia. 72-hour IV fluid protocol, blood pressures and urine culture all indicated. Long term prognosis is guarded.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



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PATIENT

Penny Sfarra

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed Female

AGE

14 Years

WEIGHT

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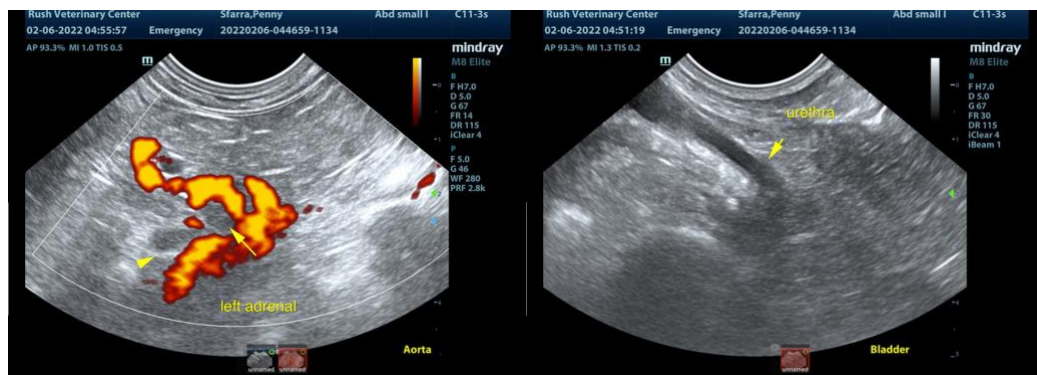
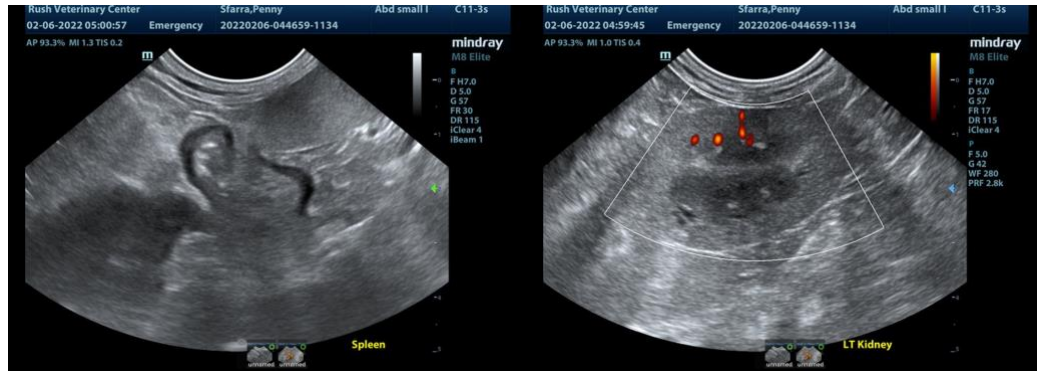
Dr. Taylor Urban

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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.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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