



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Simon Rolufs
SPECIES Feline
Pet presented for ADR. Pet has been weak, not eating, and is losing weight - this has been going off and on, and happened a few weeks ago. Over the weekend he was not walking very far before sitting down. On Monday his prescription food was delivered and he ate that well, he has been acting more normal since then. PU/PD. Recent labwork was normal but thyroid was not run. O thinks the main issue may be his heart. He is indoor/outdoor.

Abnormal PE/Chem/CBC/UA Results: Normal thyroid

Radiographs: Hepatomegaly and excessive colonic gas, mild overdistention.

BREED

DSH

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX Neutered Male
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.

AGE

13 Years

The **kidneys** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 4.73 cm. The right kidney measured 4.26 cm.

WEIGHT

11.2 Pounds

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

The region of the **right adrenal gland** revealed a mixed echogenic, round, encapsulated mass, consistent with right adrenal carcinoma or similar neoplasia, appears resectable. The mass measured 2.7 cm. The mass impinges upon the vena cava, yet does not appear to invade it. The mass revealed mild vascularity. The region of the **left adrenal gland** was unremarkable.

IMAGING PERFORMED BY

Jenna Walsh

Spleen

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.

HOSPITAL NAME

West Salem AC

Liver

REFERRING VET

Dr. Crane

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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.

DATE

8/26/21

INVOICE

24987



PATIENT *Gastrointestinal*

Simon Rolufs The **gastrointestinal tract** revealed minor variable thickening and echogenic submucosal changes most consistent with low grade end result of chronic GI disease such as IBD and may be related to malassimilation of nutrients if any weight loss is present. No obvious neoplastic patterns were noted and luminal content as unremarkable.

SPECIES

Feline

Pancreas

BREED

DSH

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.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Right adrenal mass – carcinoma likely, adenoma possible, benign hyperplasia unlikely
- Chronic interstitial nephrosis, mild to moderate
- Age related pancreatic changes

AGE

13 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

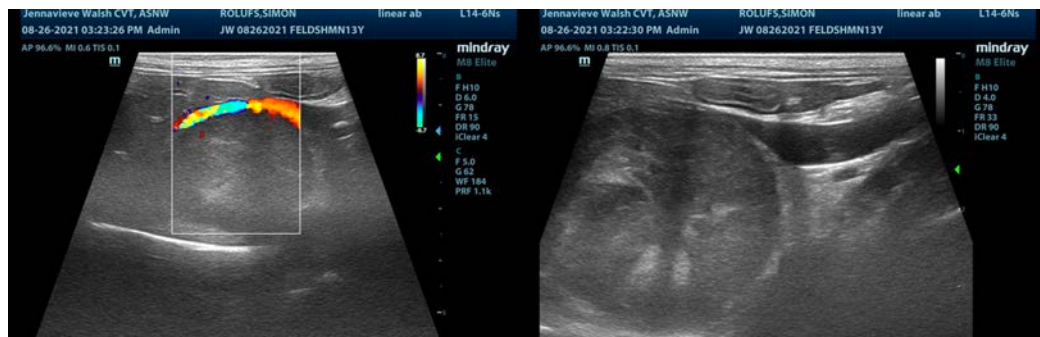
WEIGHT

11.2 Pounds

Surgical consultation recommended. The surgeon should be prepared for significant impingement upon the vena cava. No overt invasion was evident. I recommend full CBC/Chem/UA if not already performed, sodium/potassium ratio +/- aldosterone levels as well as blood pressure measurements. Surgical consultation indicated.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

West Salem AC

REFERRING VET

Dr. Crane



DATE

8/26/21

INVOICE

24987



PATIENT

Simon Rolufs

SPECIES

Feline

BREED

DSH

SEX

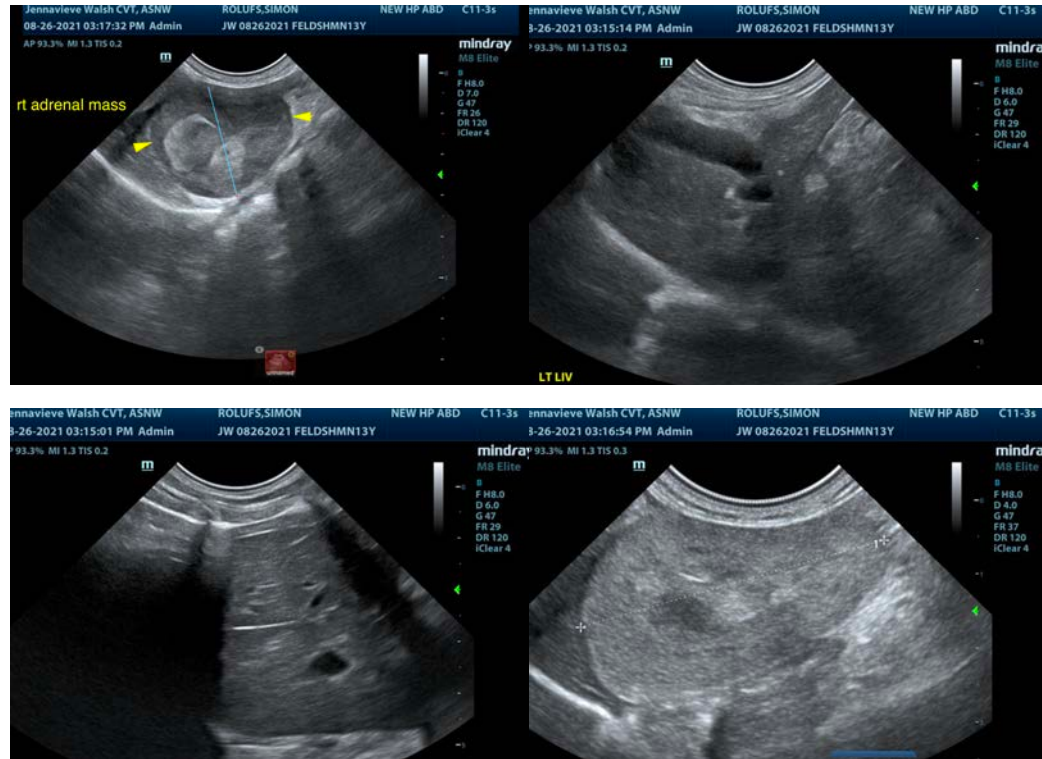
Neutered Male

AGE

13 Years

WEIGHT

11.2 Pounds



INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh

HOSPITAL NAME

West Salem AC

REFERRING VET

Dr. Crane

DATE

8/26/21

INVOICE

24987

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

Eric.Lindquist@SonoPath.com