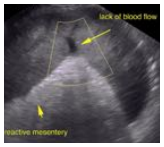
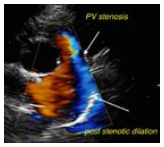
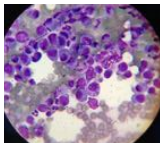
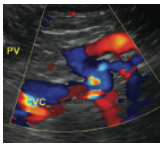
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT
Samson Walter

SPECIES
Feline

BREED
Domestic Shorthair

SEX
Neutered male

AGE
14 years

WEIGHT
11 lbs

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY
Valeryia Shumskaya

HOSPITAL NAME
Ringwood AH

REFERRING VET
Dr. Wilkes

INVOICE
43130

DATE
12/15/22

PRESENTING CLINICAL SIGNS

History: Vomiting bile, decreased appetite, lethargy
Abnormal PE/Chem/CBC/UA Results: Reticulocyte Hemoglobin: 15.1, WBC: 69.9, Neutrophils: 57.737, Lymphocytes: 8.458, Monocytes: 2.516, Basophils: 0.14, Glu: 66, Chloride: 111, AST: 68, Creatine Kinase: 3,841

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. The bladder revealed calculus that measured 0.6 cm and was non-obstructive. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Corticomedullary mineralization were noted. The right kidney measured 3.53 cm. The left kidney measured 3.38 cm.

Adrenal Glands

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 right adrenal gland measured 0.39 cm. The left adrenal gland measured 0.4 cm.

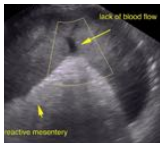
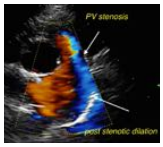
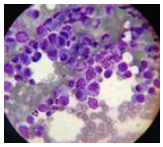
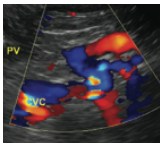
Spleen

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 was noted.

Liver

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.

SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Samson Walter

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

11 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Valeryia Shumskaya

HOSPITAL NAME

Ringwood AH

REFERRING VET

Dr. Wilkes

INVOICE

43130

DATE

12/15/22

Gastrointestinal

The **stomach** revealed minor, mucosal hypertrophy in the pyloric outflow, yet the lumen was empty. No neoplastic criteria was met. Minor muscularis hypertrophy was present. The small intestines and colon were unremarkable.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

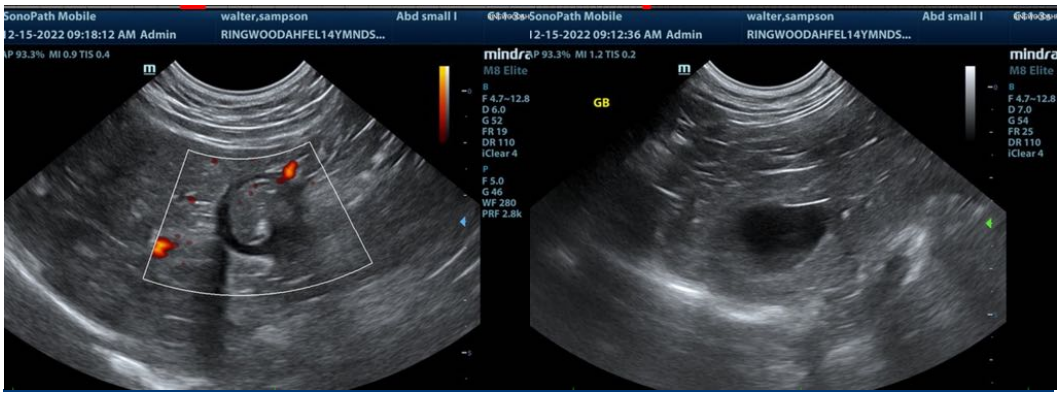
Bladder calculus, nephrolithiasis, mild to moderate degenerative renal changes.

Minor mucosal hypertrophy in the pyloric outflow.

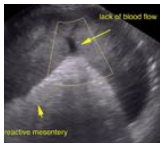
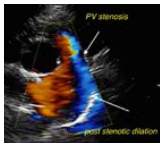
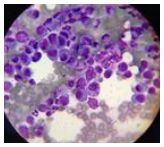
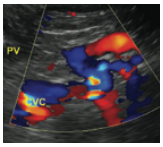
Structurally the abdomen appears unremarkable.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient is likely passing calculi periodically from the kidneys to the bladder. Cystotomy, stone analysis and culture is indicated. Gastric biopsy can be performed at the time of surgery. It is possible that the patient recently passed a calculus from the kidneys to the bladder especially if responsive to therapy or if the patient is normalizing clinically as the urinary calculi are non-obstructive at this time. There was no evidence of neoplasia or foreign bodies. Full urinary work-up is recommended.



SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Samson Walter

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

11 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Valeryia Shumskaya

HOSPITAL NAME

Ringwood AH

REFERRING VET

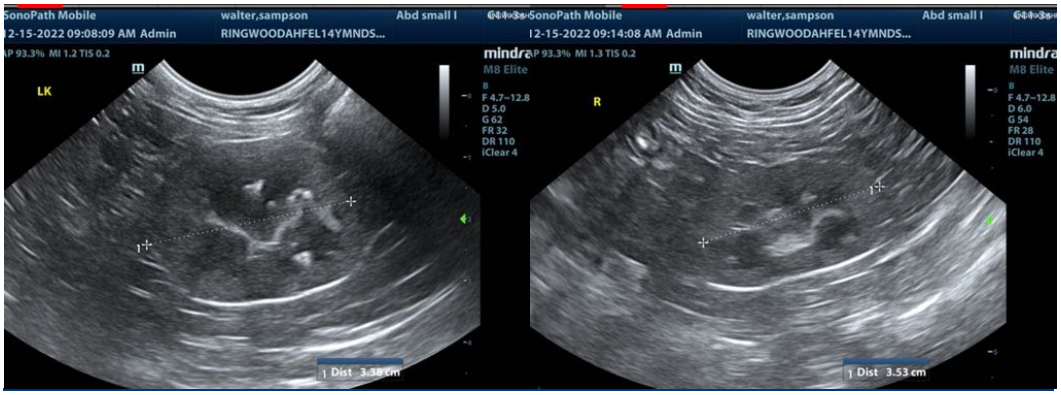
Dr. Wilkes

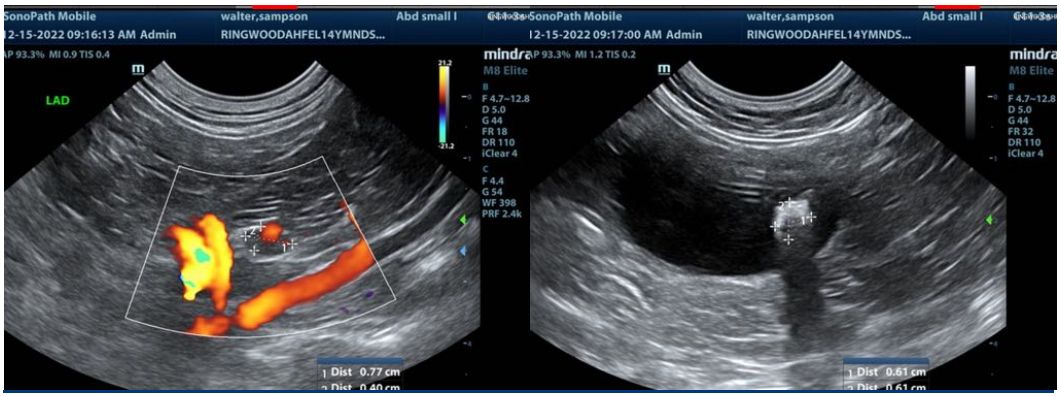
INVOICE

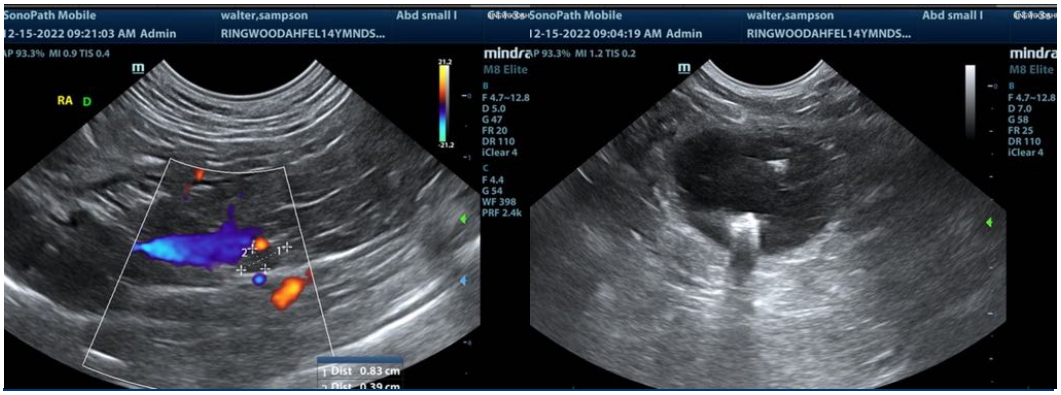
43130

DATE

12/15/22







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.

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
info@SonoPath.com