



PATIENT

Stanley Barninger

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

14.58 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

Dr. Phoebe Miller

INVOICE

42518

DATE

11/2/22

PRESENTING CLINICAL SIGNS

5 day history of inappetence of unknown origin/cause. Vomiting intermittently & bloody diarrhea on Saturday. Owner took to emergency center on Sunday at which time bloodwork was run which showed high white blood cells (total WBC & eosinophils) and elevations in lipase (possible concerns for pancreatitis). Patient was given subcutaneous fluids and cerenia and then sent home with oral cerenia, metronidazole, panacur, and transdermal mirtazipine. Slight improvement in diarrhea but inappetence persisting so owner began to syringe feed patient. No known history of foreign body ingestion or dietary switches leading up to this. History of chronic stress (managed with fluoxetine)
Abnormal PE/Chem/CBC/UA Results: CBC (10/30/22) - WBC 39.54 (rr: 5.5-19.5), EOS 20.63 (rr: 0.06-1.93), LYMPH 7.6% (rr: 12-45), MONO 0.6% (rr: 1-8), EOS 52.2% (rr: 1-11) CHEM/LYTES - (10/30/22) - ALB 3.9 (high) FPL (10/30/22) - abnormal, proBNP (10/30/22): normal, Fecal (10/30/22): Negative

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. 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 **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. The right kidney measured 4.5 cm. The left kidney measured 4.1 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 left adrenal gland measured 0.30 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 were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



PATIENT

Stanley Barninger

Gastrointestinal

Minor retention of chyme noted in the **stomach**. Minor variable small intestinal thickening noted without neoplastic criteria. Soft stool noted in the colon.

SPECIES

Feline

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.

BREED

DSH

Free Abdomen

Mesenteric lymph nodes were enlarged, hypoechoic, and irregular, measuring up to 2.8 cm x 1.5 cm. Pericapsular inflammatory pattern noted.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

- Minor intestinal thickening
- Rounded, irregular, peripherally inflamed lymph nodes – strong concern for round cell neoplasia.
- Age related renal changes

AGE

13 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cytology and culture of the lymph nodes indicated. Treatment for inflammatory bowel and lymphadenitis, infectious agents with Enrofloxacin/Clindamycin combination could be considered as well as fecal test. Further treatment based on cytology results.

WEIGHT

14.58 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

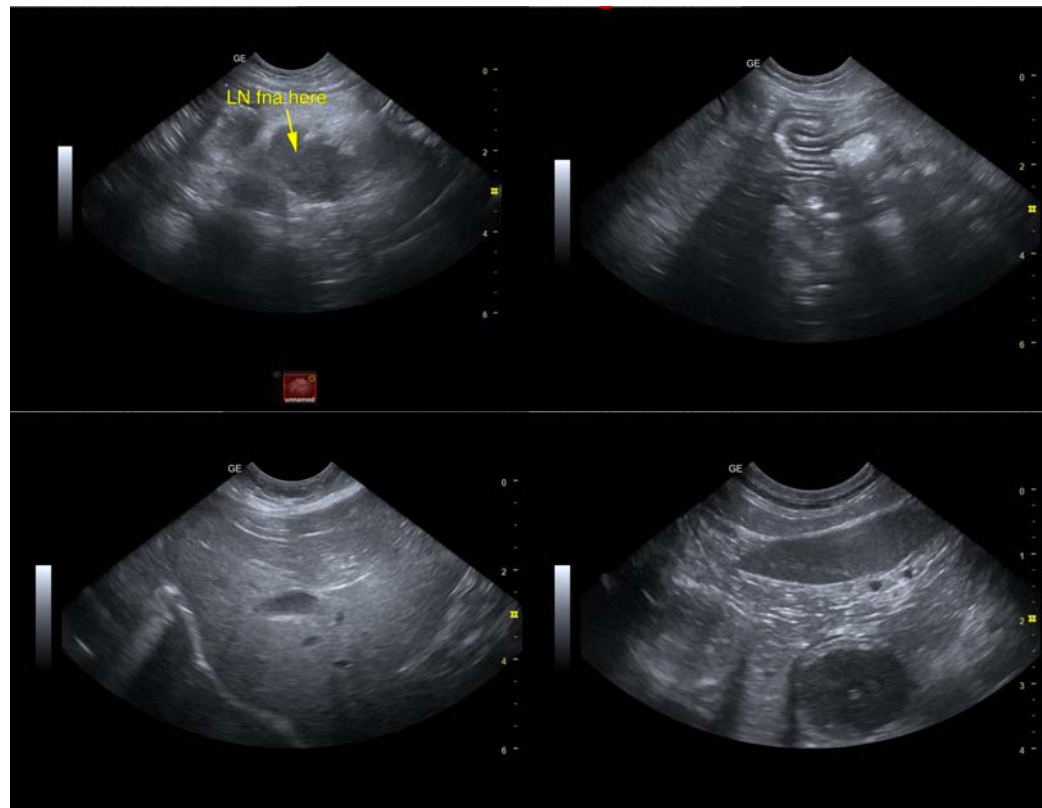
Dr. Phoebe Miller

INVOICE

42518

DATE

11/2/22





PATIENT

Stanley Barninger

SPECIES

Feline

BREED

DSH

SEX

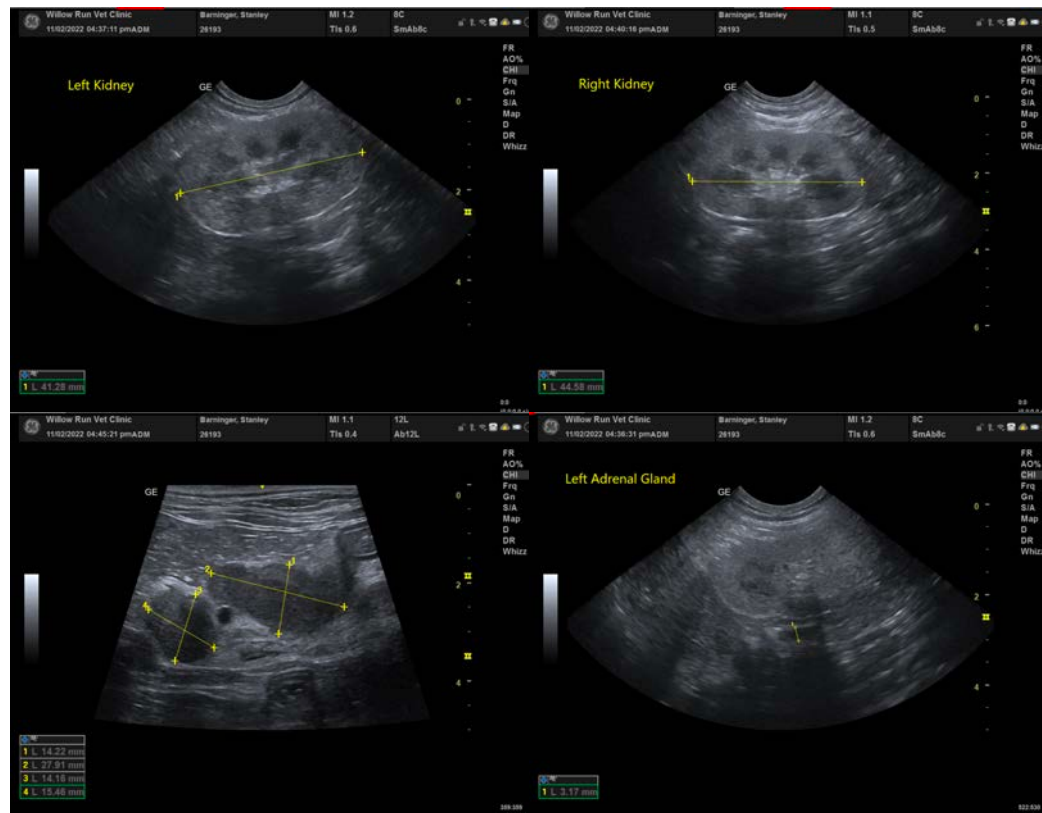
Neutered Male

AGE

13 Years

WEIGHT

14.58 Pounds



INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

Dr. Phoebe Miller

INVOICE

42518

DATE

11/2/22

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