



PATIENT

Sam Sheldon

PRESENTING CLINICAL SIGNS

History: Medical records attached

SPECIES

Feline

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 was noted. Ureteral papillae were normal.

BREED

Domestic Shorthair

SEX

Neutered male

The **left kidney** 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 4.16 cm. The right kidney was significantly dystrophic with hyperechoic medullary rim sing. The right kidney was subnormal in size and measured 4.16 cm. Subnormal blood flow was noted to the right kidney.

AGE

8 years

WEIGHT

12.1 lbs

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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

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. The spleen measured 0.7 cm in width.

IMAGING PERFORMED BY

Dr. Gallick

HOSPITAL NAME

Magnolia Springs VC

Liver

The **liver** was diffusely hyperechoic to the falciform fat. The gallbladder and common bile duct were unremarkable. Given the lack of liver enzyme elevation, particularly the ALKP and bilirubin, this is not likely clinically significant.

REFERRING VET

Dr. Gallick

INVOICE

42908

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph nodes were mildly enlarged and reactive measuring up to 0.6 cm. There was some reactive mesentery around the mesenteric lymph nodes. Some of the lymph nodes appeared rounded and measured up to 0.8 cm.

DATE

2/21/23



PATIENT

Sam Sheldon

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

8 years

WEIGHT

12.1 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gallick

HOSPITAL NAME

Magnolia Springs VC

REFERRING VET

Dr. Gallick

INVOICE

42908

DATE

2/21/23

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

Moderate degenerative right kidney.

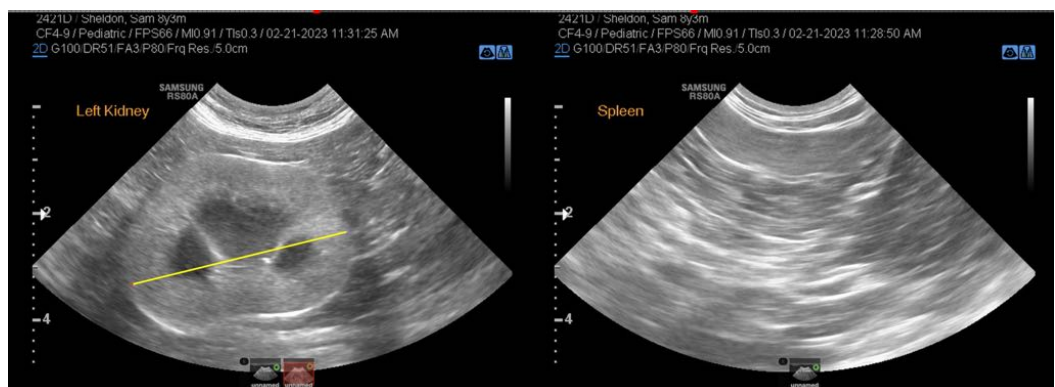
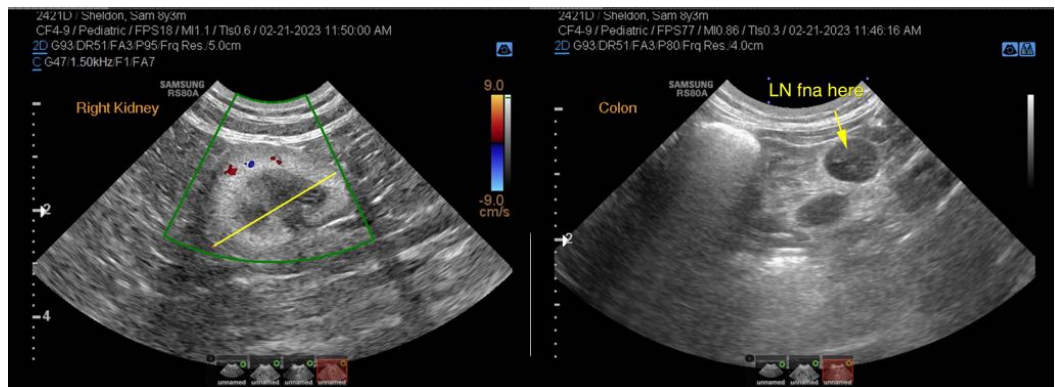
Mild, left interstitial nephrosis renal pattern.

Mesenteric lymphadenopathy.

Hepatic lipidosis pattern.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If ALKP elevations occur, then FNA of the liver is indicated. FNA, cytology and culture of the mesenteric lymph nodes is indicated. The lymph nodes appear to be a significant structural abnormality in the abdomen. The right kidney is likely poorly functional. FNA of the lymph nodes is warranted. Assessment for other causes of the clinical signs such as orthopedic pain, CNS or thoracic disease would also be indicated.





PATIENT

Sam Sheldon

SPECIES

Feline

BREED

Domestic Shorthair

SEX

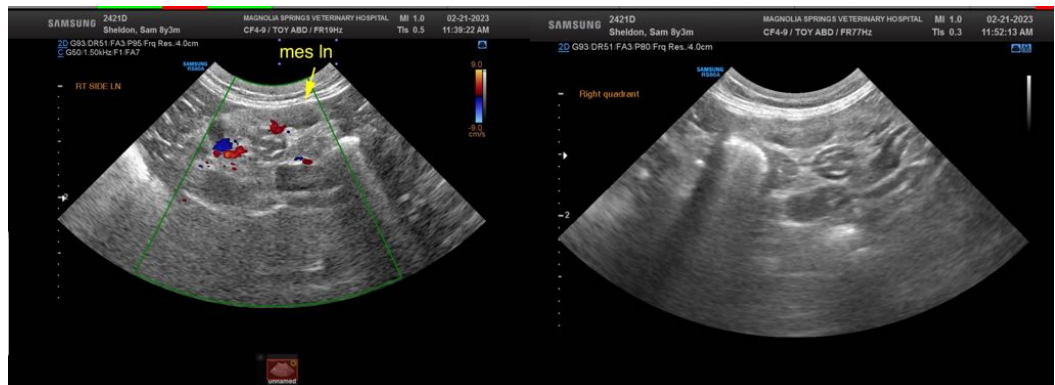
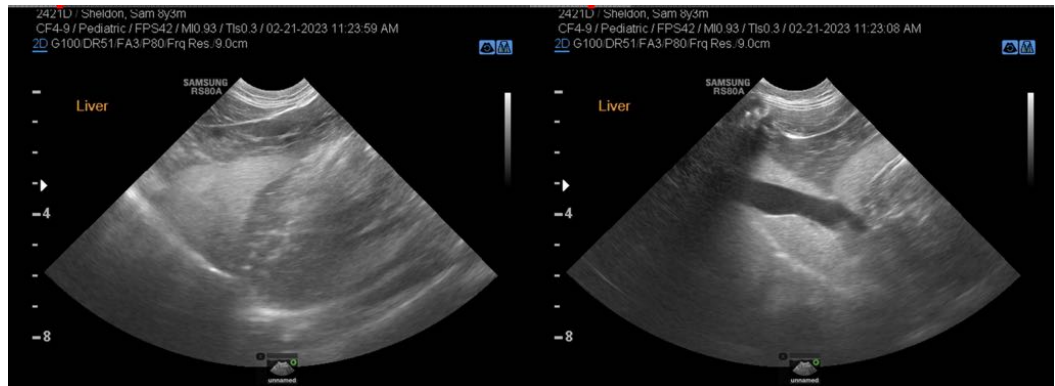
Neutered male

AGE

8 years

WEIGHT

12.1 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gallick

HOSPITAL NAME

Magnolia Springs VC

REFERRING VET

Dr. Gallick

INVOICE

42908

DATE

2/21/23

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