



PATIENT

Noah Cotroneo

PRESENTING CLINICAL SIGNS

Weight loss, lethargy, Decreased appetite. Bw showed elevated liver values set patient up for U/S today
Abnormal PE/Chem/CBC/UA Results: elev AST/ALP/ALT

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DSH

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.

SEX

Neutered Male

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. Slight pyelectasia and occasional cortical cysts noted in both kidneys. The left kidney measured 3.8 cm. The right kidney measured 4.0 cm. Cortical infarct noted in the cranial pole of the right kidney.

AGE

15 Years

Adrenal Glands

WEIGHT

8 Pounds

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 0.40 cm.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Dr. Anthony Smatt

Liver

The **liver** was mildly enlarged with slight coarse architecture. Minor increased portal markings noted. The gallbladder was unremarkable.

HOSPITAL NAME

The Pets I Love

Gastrointestinal

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with 1:1 muscularis/mucosal ratio. Some retention of ingesta was noted in the stomach. Intestinal wall thickness measured up to 0.26 cm. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. No concerning lymphadenopathy was visible. No evidence of obstruction was present. Chronic inflammatory bowel disease is likely with a low possibility of an early neoplastic event such as lymphoma. Full thickness tissue biopsies via open laparotomy, ideally guided by intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility.

REFERRING VET

Dr. Anthony Smatt

INVOICE

36249

Pancreas

DATE

3/16/22

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.



PATIENT

Noah Cotroneo

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.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

- Non-specific inflammatory hepatopathy, minor hepatic enlargement
- Age related renal changes

BREED

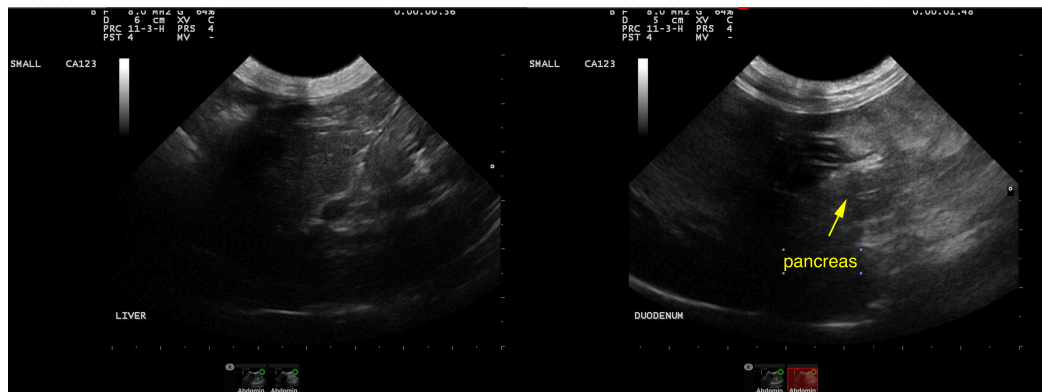
DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the liver warranted. Minor potential for hepatic lymphoma, hence FNA is essential.

SEX

Neutered Male



AGE

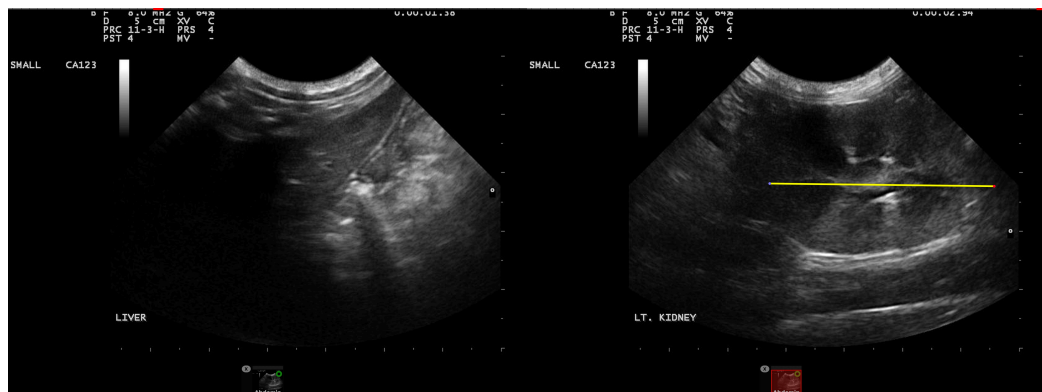
15 Years

WEIGHT

8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

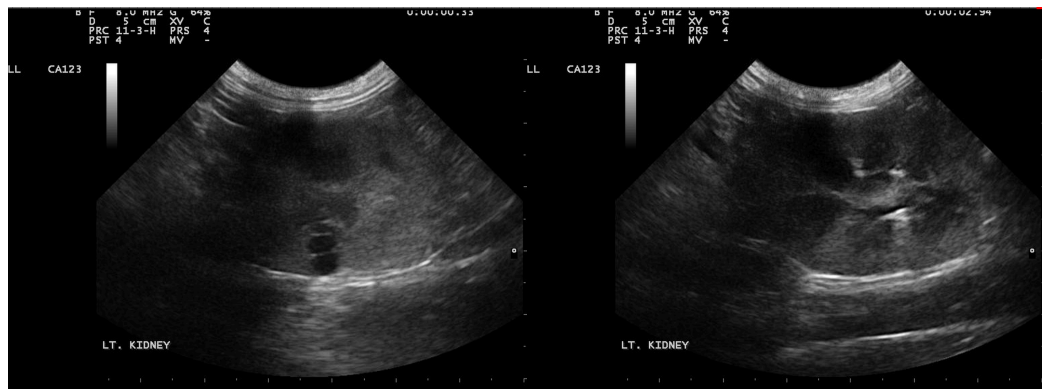


IMAGING PERFORMED BY

Dr. Anthony Smatt

HOSPITAL NAME

The Pets I Love



REFERRING VET

Dr. Anthony Smatt

INVOICE

36249

DATE

3/16/22



PATIENT

Noah Cotroneo

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

15 Years

WEIGHT

8 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Anthony Smatt

HOSPITAL NAME

The Pets I Love

REFERRING VET

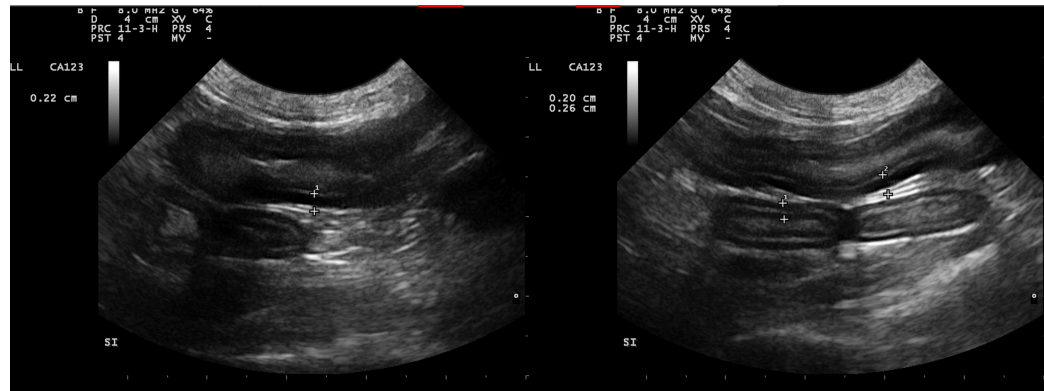
Dr. Anthony Smatt

INVOICE

36249

DATE

3/16/22



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