



PATIENT

Olivia Mussari

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed Female

AGE

13 years

WEIGHT

13.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jones

HOSPITAL NAME

Schutzville AH

REFERRING VET

Dr. Jones

INVOICE

31089

DATE

6/20/22

PRESENTING CLINICAL SIGNS

History: In May of 2022 Olivia started having vomiting off/on and has had weight loss. History of FLUTD/cystitis
Abnormal PE/Chem/CBC/UA Results: May 2022 GHP: SDMA 15ug/dl, BUN 14mg/dl, all other values normal T4 normal at 2.3ug/dl, CBC: all values normal. Radiographs performed 6/20/22 no abnormalities seen within abdomen or thorax

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed a 0.6 cm, shadowing bladder concretion/calculus was noted. The bladder wall and proximal urethra was unremarkable.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The kidneys both measured 3.0 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.

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 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

Gastrointestinal

Olivia Mussari

The upper **gastrointestinal tract** was unremarkable. However, the distal small intestine revealed thickening that measured approximately 3.0 cm in length with regional inflammation. This should be inspected at the time of surgery and sampled. Regional lymphadenopathy was also noted and measured 1.0 cm.

SPECIES

Feline

BREED

Domestic Shorthair

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.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Bladder calculus.

AGE

13 years

Moderate chronic degenerative renal changes, interstitial nephrosis renal pattern.

Enteritis pattern with regional lymphadenopathy and reactive mesentery as well as bladder calculus.

WEIGHT

13.5 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

***Images were submitted in jpeg and avi. Please submit in DICOM format in the future

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Cystostomy is recommended with inspection of the distal small intestine and reactive mesentery with appropriate biopsies and/or intestinal resection. Round cell neoplasia is a potential. Enteritis with lymphadenitis is most likely.

IMAGING PERFORMED BY

Dr. Jones

HOSPITAL NAME

Schutzville AH

REFERRING VET

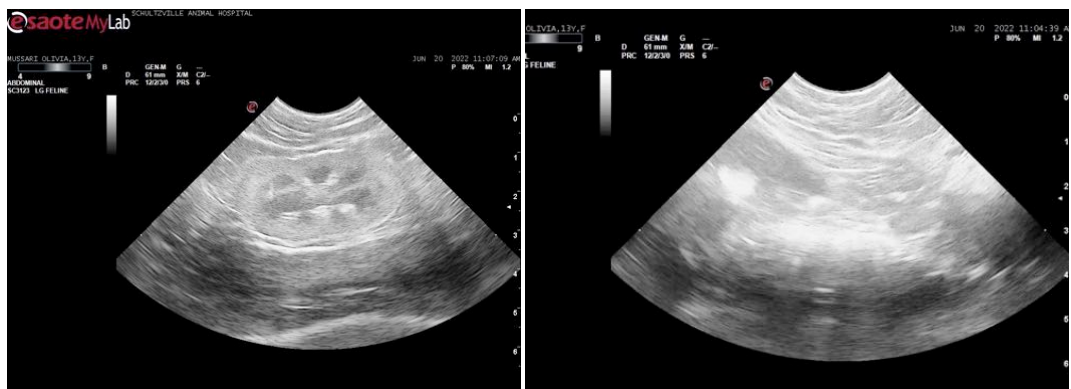
Dr. Jones

INVOICE

31089

DATE

6/20/22





PATIENT

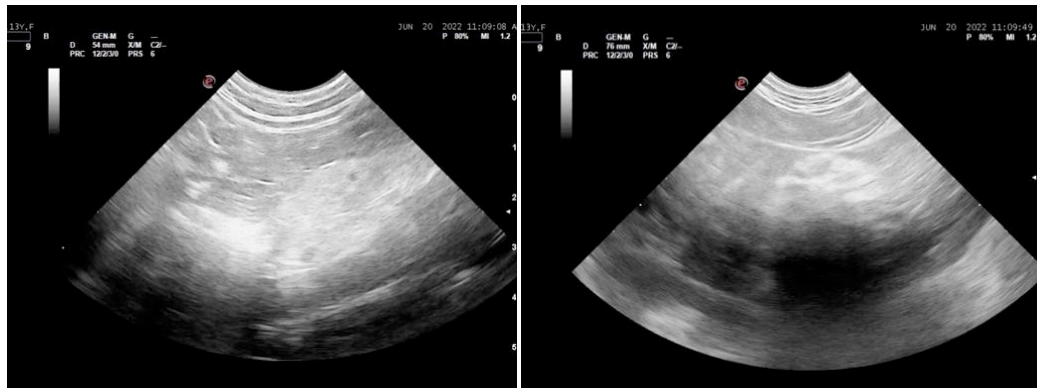
Olivia Mussari

SPECIES

Feline

BREED

Domestic Shorthair



SEX

Spayed Female

AGE

13 years

WEIGHT

13.5 lbs



INTERPRETED BY

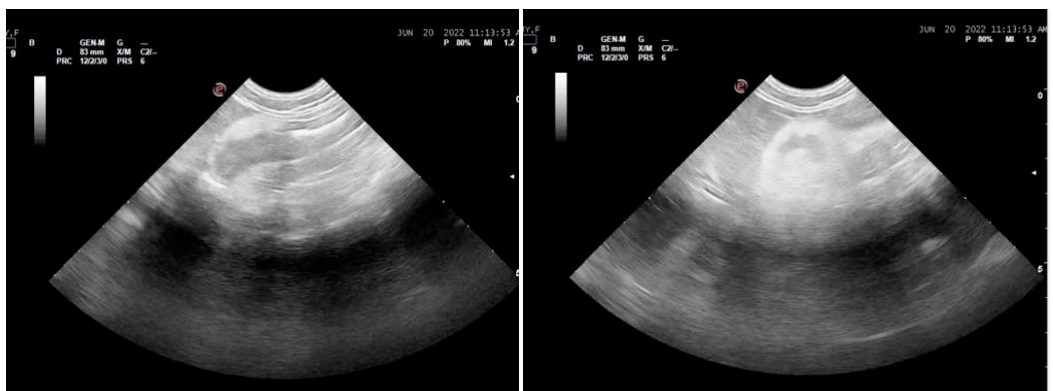
Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jones

HOSPITAL NAME

Schutzville AH



REFERRING VET

Dr. Jones

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.

INVOICE

31089

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.

DATE

6/20/22

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com