



PATIENT

Thor-cloud Macmillan

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

11 Years

WEIGHT

8.7 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gira

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

REFERRING VET

Alpine 247 Pet
Hospital

INVOICE

37766

DATE

5/19/22

PRESENTING CLINICAL SIGNS

Inappetence for 3 weeks , lethargy , jaundice

Abnormal PE/Chem/CBC/UA Results: Non regenerative anemia , Lymphocytosis .SDMA 34, significant elevation of ALP1736 (14-111), GGT 59 (0-4) and TBIL 157 (0-15). Urine USG 1.044, pH 6.5 , bilirubin and urobilinogen +++

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 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 left kidney measured 4.91 cm. The right kidney measured 5.55 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 0.43 cm. The right adrenal gland measured 0.55 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** was swollen with attenuating sound beam and hyperechoic parenchyma. The gallbladder was thickened and echogenic without evidence of post-hepatic obstruction. The common bile duct appeared dilated at thickened, enveloped by the pancreatic pathology. The common bile duct was enlarged at 0.67 cm. Minor hepatic lymphadenopathy noted as well.

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. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The **pancreas** was enlarged and irregular, particularly in the right limb at 2.0 cm. Hypoechoic parenchyma noted with enhanced surrounding mesentery. The left limb presented undulating contour and nodular changes.



PATIENT

Free Abdomen

Thor-cloud Macmillan

Free fluid noted in the abdomen.

SPECIES

Feline

ULTRASONOGRAPHIC FINDINGS

- Pancreatic pathology with post-hepatic obstruction and diffuse hepatic disease

BREED

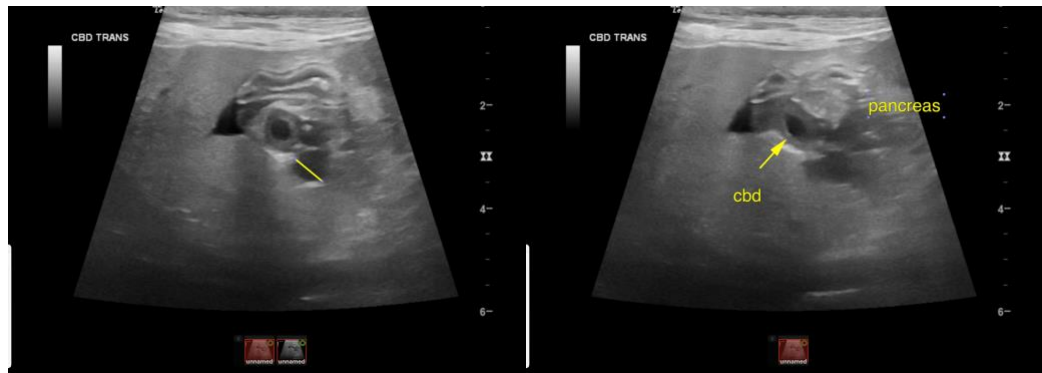
DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I'm concerned for pancreatic carcinoma or possible hepatic lipidosis or lymphoma. FNA of the liver and pancreas recommended in this patient +/- abdominocentesis and cytospin for further definition. There is a possibility of hepatic lipidosis with pancreatitis and some level of post-hepatic obstruction. However, this is less likely. Sampling is essential in this case. Given the lymphocytosis, there is a high probability for lymphoma.

SEX

Neutered Male

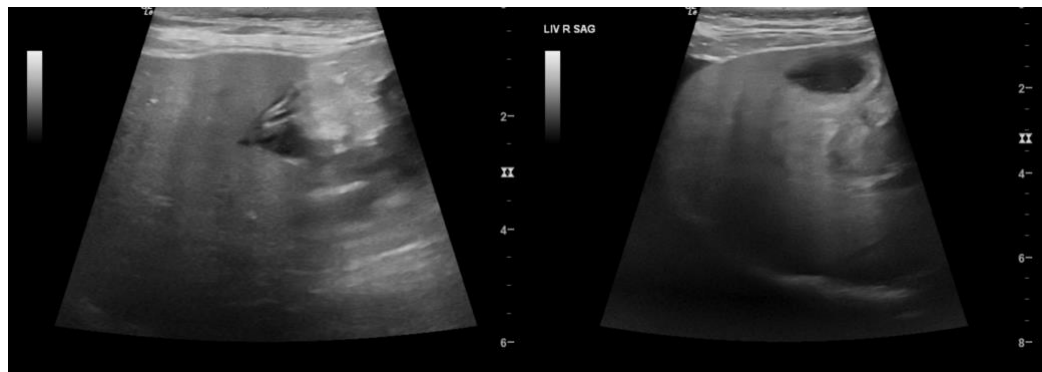


AGE

11 Years

WEIGHT

8.7 Pounds



INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gira

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

REFERRING VET

Alpine 247 Pet
Hospital

INVOICE

37766

DATE

5/19/22





PATIENT

Thor-cloud Macmillan

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

11 Years

WEIGHT

8.7 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gira

HOSPITAL NAME

Resolution Vet
Ultrasound Ltd

REFERRING VET

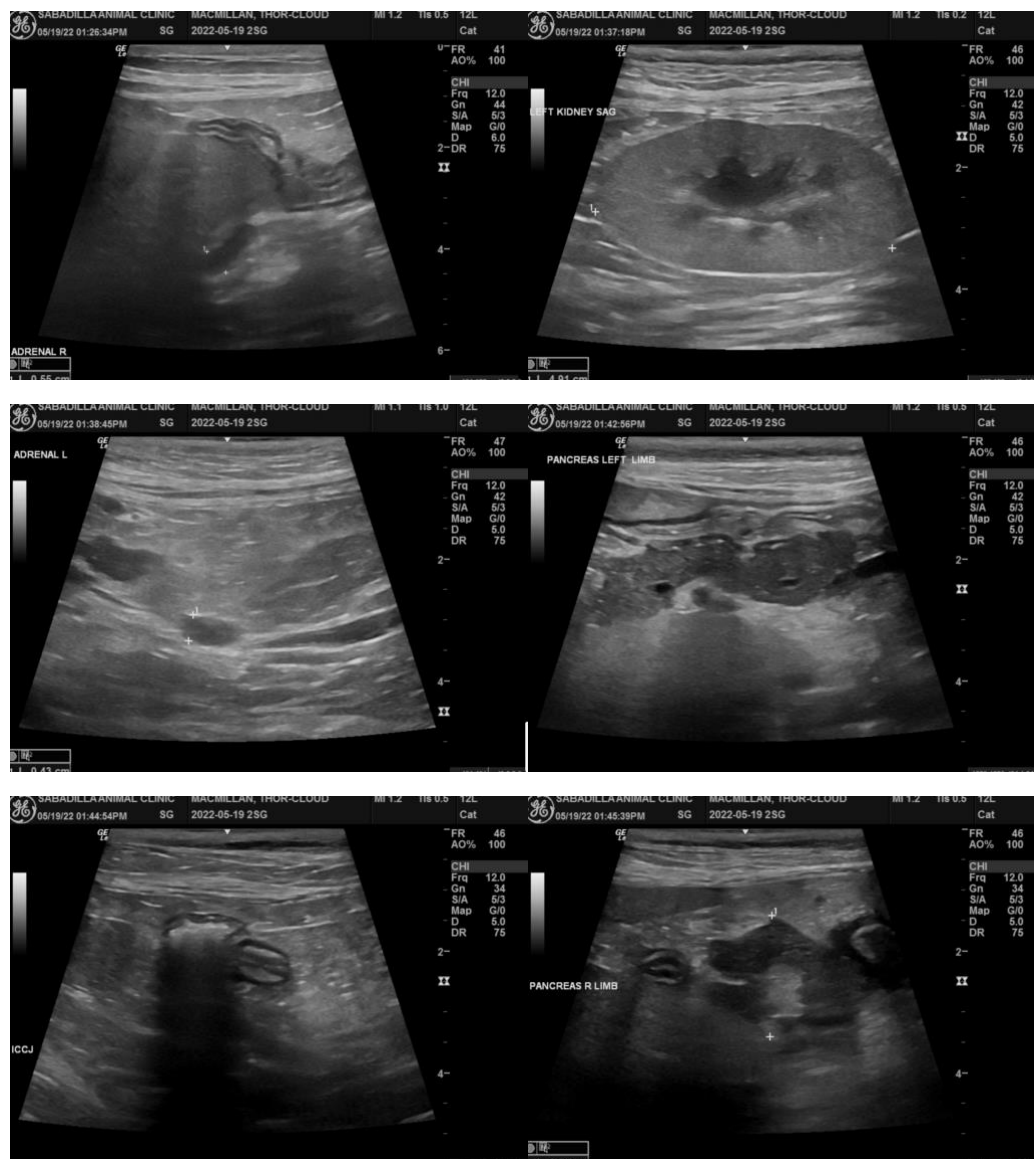
Alpine 247 Pet
Hospital

INVOICE

37766

DATE

5/19/22



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