



PATIENT

Toothless Wickline

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

5 years

WEIGHT

6.6 kgs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. DeCordon

HOSPITAL NAME

Mason Dixon AEH

REFERRING VET

Dr. DrCordon

INVOICE

31910

DATE

7/25/22

PRESENTING CLINICAL SIGNS

History: Transferred from rDVM 7.21.22 for DKA Hx V+ x2d, NE; No vomiting since admission 7/21/22 O does not think PU/PD On Lantus 2U BID 6:30AM, 6:30PM Increased LES that have since resolved. Still not eating and is getting syringe fed d/t possible hepatic lipidosis. AUS performed 7/22/22 which was sent to Sonopath for interpretation

Abnormal PE/Chem/CBC/UA Results: UA culture: Negative Increased LES: Resolved Serum Ketones: 40 g/dL Hypokalemia: 2.8 mmol/L Glucosuria: 500 Proteinuria: 100 Last BG: 330 mg/dL

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.

The **kidneys** are normal in size with mildly irregular contour. Slight, idiopathic, hyperechoic medullary rim sign was noted. The right kidney measured 4.5 cm. The left kidney measured 4.33 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 0.4 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 was noted.

Liver

The **liver** was diffusely hyperechoic to eh falciform fat. The gallbladder and common bile duct were unremarkable.

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.



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Pancreas

Toothless Wickline

Hypochoic, irregular **pancreatic** tissue was noted with hyperechoic surrounding fat and free fluid. Variable mixed, hypochoic changes were noted throughout the area of the pancreas and regional omentum.

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Feline

Free Abdomen

BREED

Domestic Shorthair

Free fluid was noted in the abdomen.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Heterogenous, irregular pancreas with free fluid, irregular contour and idiopathic medullary rim sign.

Hepatic lipidosis pattern, yet not likely the primary issue.

AGE

5 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is a strong concern for pancreatic carcinomatosis or similar pancreatitis, peritonitis is possible. Underlying FIP is also possible. FNA of the hypochoic portions of the pancreas and abdominocentesis and cytospin of the free fluid is warranted. Prognosis is extremely guarded based on cytology results.

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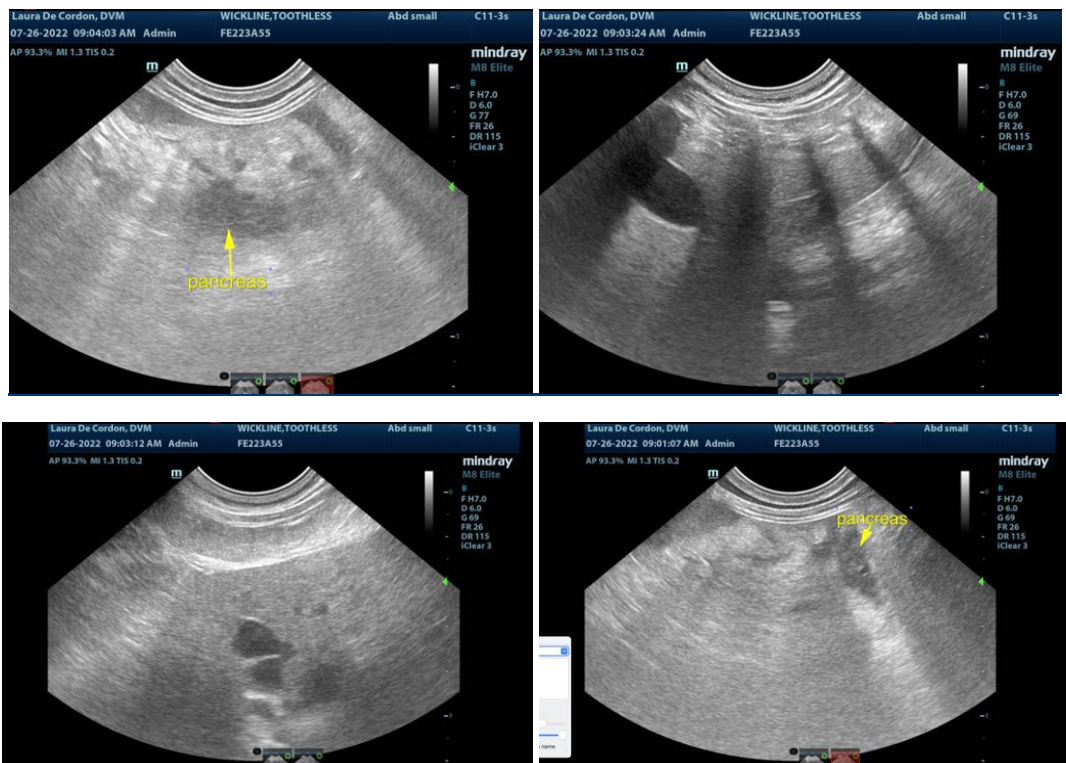
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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