**PATIENT**

Leo Kuyper 52613

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

15 uears

WEIGHT

3.82 kg

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**IMAGING
PERFORMED BY**

Tom McNeill

HOSPITAL NAME

SVS Imaging CT

REFERRING VETMadison Veterinary
Specialists Dr. Maller**INVOICE**

32150

DATE

8/4/22

PRESENTING CLINICAL SIGNS

History: Decreased appetite for the past two weeks. Last Thursday saw pDVM and was prescribed mirtazipine. Appetite improved slightly for a few days but then decreased. He has been anorexic for the past 2 days. Intermittent vomiting also noted over that time.

Abnormal PE/Chem/CBC/UA Results: pDVM Bloodwork 7/28: ALP 119 ALT 180 Amyl 1139 Tbili 0.4 CBC WNL pDVM Bloodwork 8/4: ALP 152 ALT 79 Amyl 1182 Tbili 1.5 CBC WNL

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. The bladder revealed a urachal cyst at the apex. This is idiopathic and measured 0.51 cm. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** were swollen with minor loss of corticomedullary definition and slight irregular contour. The right kidney measured 4.0 cm. The left kidney measured 3.9 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 right adrenal gland measured 0.44 cm.

Spleen

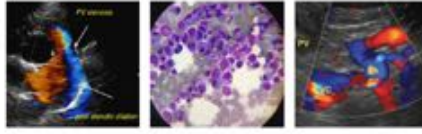
The **spleen** was enlarged with scalloping contour and measured 1.4 cm.

Liver

The **liver** was swollen, hypoechoic and irregular. 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.

Gastrointestinal

A mesenteric lymph node mass was noted and measured 3.45 x 1.8 cm. A separate intestinal mass measured 1.4 x 1.23 cm with an infiltrative pattern in the jejunum measuring at least 5.0 cm. Reactive mesentery was noted. Epigastric lymph node was enlarged and rounded measuring 0.66 cm. Other variable lymph nodes are enlarged.



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Pancreas

The **pancreas** revealed hypoechoic, undulating contour with a dilated duct with enhanced surrounding mesentery. This is suggestive for pancreatitis.

ULTRASONOGRAPHIC FINDINGS

Multi-focal, infiltrative lymphoma pattern involving the lymph nodes, intestines, spleen and likely liver, possibly kidneys.

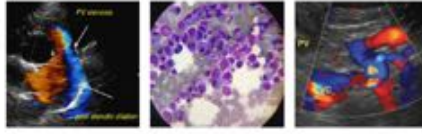
Concurrent intestinal mass.

Incidental finding of urachal cyst.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen, liver and kidneys is recommended for staging purposes. Chest radiographs are warranted if not already performed for staging purposes.





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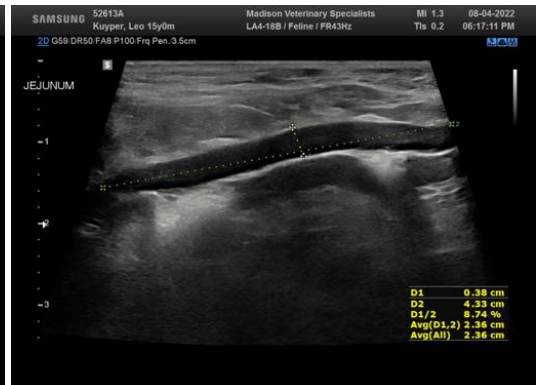
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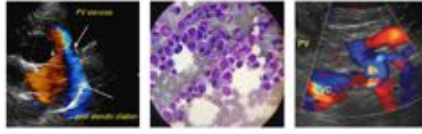
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Clinical Sonography & Telectology

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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