



PATIENT PRESENTING CLINICAL SIGNS

Java Hiller History: Weight loss, v last month, r/o dietary VS. Hyperthyroid, renal DZ, diabetes

SPECIES Abnormal PE/Chem/CBC/UA Results: 7/6/22 - po2-57(hi), O2stat- 90.6(hi), BE(ecf) - (-6.4) (lo), k+ (lo) - 3.2, Ca++ - 1.12 (lo), lact. 5.7 (hi), platelet - 189 (lo), neu - 83 (hi), lymph - 11(lo), abs. lymph - 1056 (lo)

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Feline

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 and no evidence of pelvic dilation was present. The right kidney measured 3.72 cm. The left kidney measured 3.0 cm.

AGE

14 Years 8 Months

WEIGHT

6.9 Pounds

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

INTERPRETED BY

Spleen

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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

Heather

Liver

HOSPITAL NAME

ACC Flanders

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.

REFERRING VET

Dr. Chris Hallihan

Gastrointestinal

INVOICE

16695

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropy" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. 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

DATE

8/2/22



PATIENT

intraoperative ultrasound in order to obtain the most representative mural sample, would be necessary to rule out this possibility. This is a minor change.

Java Hiller

Pancreas

SPECIES

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.

Feline

BREED

ULTRASONOGRAPHIC FINDINGS

Feline

- Minor intestinal thickening
- Minor age-related renal changes
- Unremarkable abdomen otherwise

SEX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutered Male

Inflammatory bowel is likely. Malassimilation of nutrients may be an issue. Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered.

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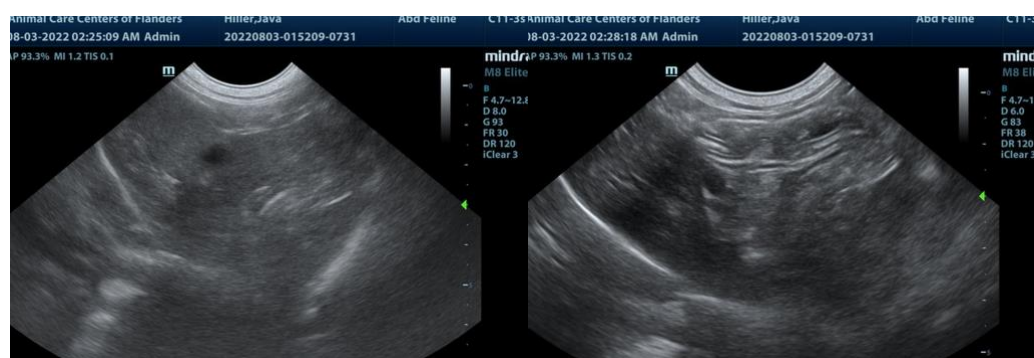
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Java Hiller

SPECIES

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BREED

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Neutered Male

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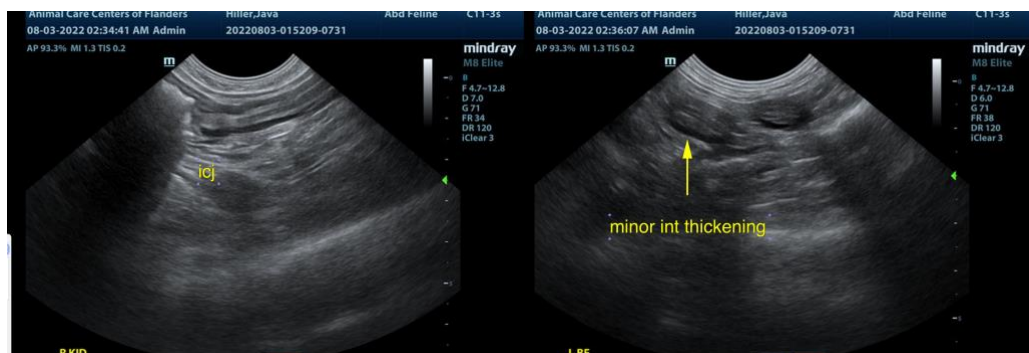
Dr. Chris Hallihan

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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