



PATIENT

PRESENTING CLINICAL SIGNS

Jasper Jayarajasivgam

History: Presented for polifagia and weight lost since the last 3 months At the clinical presentation the patient is alert and responsive . HR 210 RR 52.MMC are pink Gallop sound .Heart murmur on the right side 2nd graded .Very thin. Dehydration 4 percent.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: The CBC reveals neutrophilia . Comprehensive increased ALT ALKP AND GGT. The Calcium level was low ,however the patient responded very well to the calcium supplement. The neutrophil count became in the normal average after treatment with antibiotics.

BREED

Domesetic Shorthair

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Neutered male

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.

AGE

15 years

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. Slight pyelectasia was noted. The left kidney measured 3.16 cm. The right kidney measured 3.26 cm.

WEIGHT

4.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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. The right adrenal gland measured 0.4 cm.

IMAGING PERFORMED BY

Dr. Valentina

HOSPITAL NAME

The Veterinary Surgery

Spleen

The **spleen** was mildly enlarged at 1.16 cm with slight scalloping contour.

REFERRING VET

Dr. Samad

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

INVOICE

43326

DATE

3/16/23



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Gastrointestinal

Jasper Jayarajasivgam

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.

SPECIES

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Pancreas

BREED

Domesetic Shorthair

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

15 years

Mild splenic enlargement.

Geriatric abdomen regarding the renal and hepatic presentation.

WEIGHT

4.7 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the liver enzyme elevation FNA is warranted. Given the splenic enlargement FNA is warranted of the spleen as well. Inflammatory hepatopathy and reactive spleen/splenitis or emerging neoplasia.

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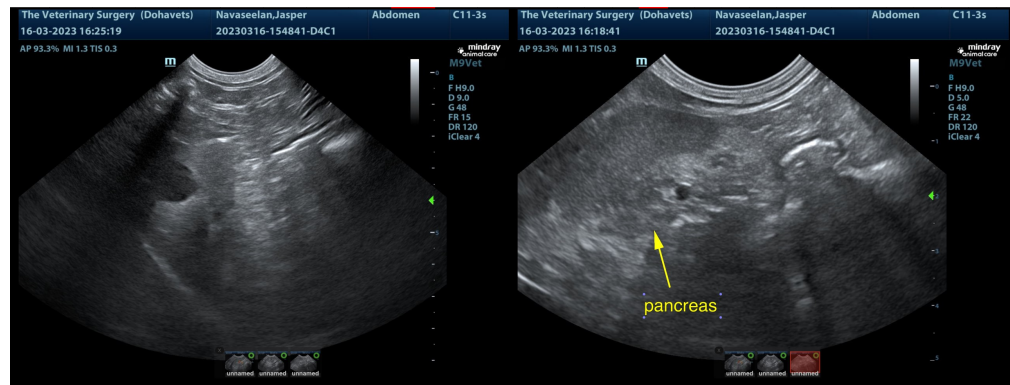
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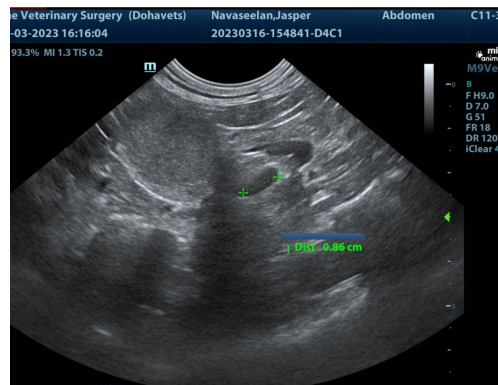
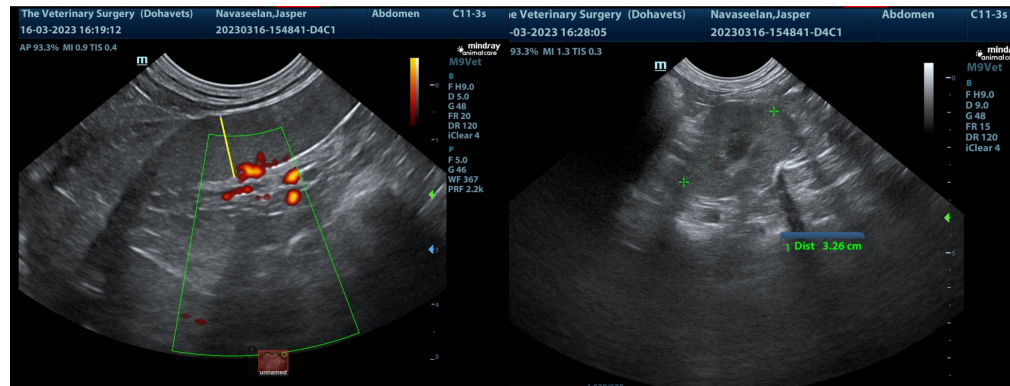
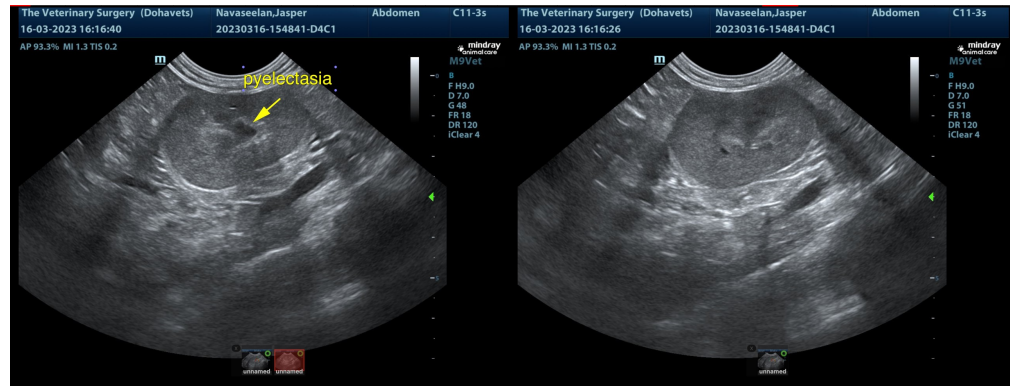
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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