



PATIENT

Marvin Bourque

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

12 years

WEIGHT

5 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Belan

HOSPITAL NAME

Happy Paws VC

REFERRING VET

Dr. Heck

INVOICE

91837

DATE

9/20/21

PRESENTING CLINICAL SIGNS

History: Patient is anorexic, but weight is stable. Clinically normal.
Abnormal PE/Chem/CBC/UA Results: Elevation of ALT and normal fPL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

****35 still images and 3 videos were submitted**

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** 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 4.53 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 0.36 cm. The right adrenal gland measured 0.4 cm.

Spleen

The **spleen** was enlarged, irregular and regionally expansive with surrounding free fluid.

Liver

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 common bile duct measured 0.16 cm.

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. The mesenteric lymph nodes presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal



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detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. The lymph nodes measured up to 0.91 cm.

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Pancreas

Minor, heterogenous changes were noted in the **pancreas** with minor, enhanced mesentery. This is consistent with low-grade pancreatitis.

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ULTRASONOGRAPHIC FINDINGS

Enlarged, irregular spleen with mesenteric lymphadenopathy.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenic and lymph node FNA, cytology and culture are all indicated. Guarded prognosis. Splenitis and lymphadenitis versus round cell neoplasia.

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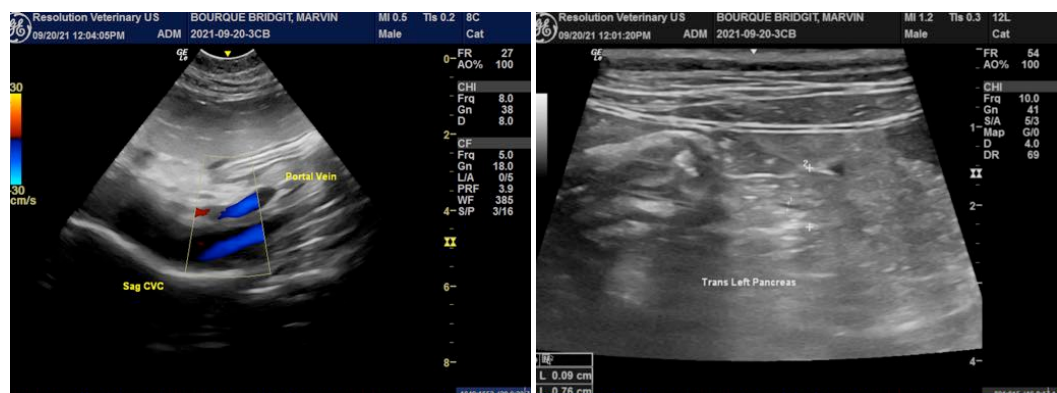
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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