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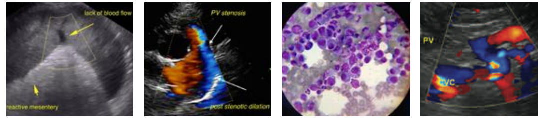

imagine SOUND LLC.
IMAGING PERFORMED BY
dbimaginesound@gmail.com 917-647-4318

PATIENT

Wentworth Gaer

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

12 Yrs 6 Mos

WEIGHT

12.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT, RDMS

HOSPITAL NAME

Brooklyn Heights VH

REFERRING VET

Dr. Thomson

INVOICE

94989

DATE

01/04/22

PRESENTING CLINICAL SIGNS

History: decreased appetite, lethargy

Straining to urinate/defecate

Evaluate for FLUTD vs GI dx – possible lymphoma (sister died of large cell lymphoma in summer)

Labs, Radiograph, previous AUS attached

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** revealed similar age related changes that were noted on the prior sonogram. The right kidney measured 4.16 cm. The left kidney measured 3.91 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 0.37 cm. The left adrenal gland measured 0.26 cm.

Spleen

The **spleen** was at the upper limits of normal in size measuring 0.9 cm with uniform, but subtly micronodular parenchyma, and undulating capsular contour. This is consistent with reactive spleen owing to immune stimulus or early infiltrative disease such as mast cell disease or lymphoma. 25-gauge FNA would be ideal if weight loss is an issue to differentiate early round cell neoplasia versus splenitis or reactive spleen all of which can present in this manner.

Liver

The **liver** revealed multi-focal, hypoechoic nodular changes. Diffuse, hyperechogenicity was noted compared to the falciform fat. There was slight free fluid noted between the liver lobes. 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.

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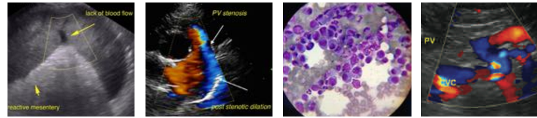

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Gastrointestinal

The **gastrointestinal tract** revealed diffuse, minor thickening with hypertrophied muscularis. The wall thickness measured 0.31 cm.

Pancreas

The **pancreas** revealed a persistent, dilated duct measuring 0.23 cm. Coarse, undulating, hypoechoic parenchyma was noted. The right limb measured 0.54 cm.

ULTRASONOGRAPHIC FINDINGS

Liver nodules.

Geriatric abdomen.

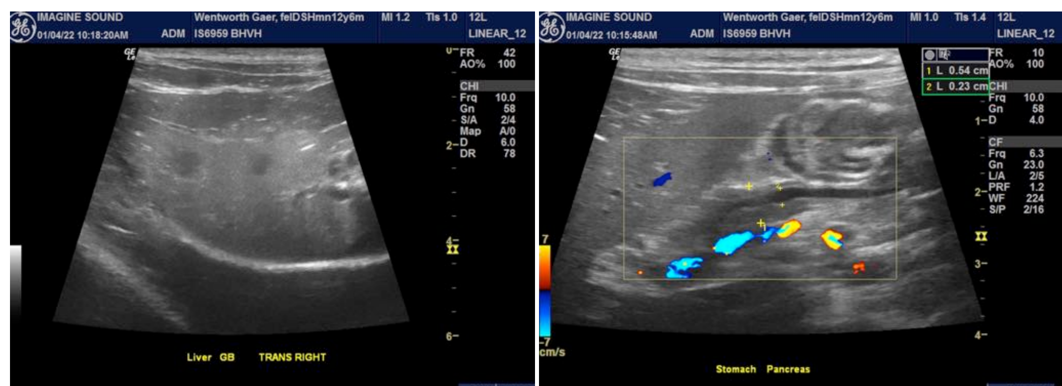
Stabilized GI and pancreatic presentation.

Minor splenic nodular changes.

Resolved prior lymphadenopathy.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I am still concerned about the hypoechoic hepatic nodules and localized free fluid. Some level of pancreatitis is likely active given the FPL elevation and sonographic appearance. Subxiphoid palpation is recommended to assess for pain-solicited response. If pain is noted low grade pancreatitis is suspected. If weight loss is an issue and/or if liver enzymes elevate FNA of the hepatic nodules are recommended. Subjectively the nodules appear to be more prominent than the prior sonogram. As in the prior sonogram demonstrated blending of the heterogenous parenchymal changes.



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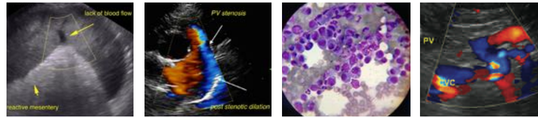

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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Eric.Lindquist@SonoPath.com