

PATIENT

Homer Flannery

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered male

AGE

9 years

WEIGHT

80.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Waffle

HOSPITAL NAME

Torch Lake VC

REFERRING VET

Dr. Waffle

INVOICE

99193

DATE

4/11/22

PRESENTING CLINICAL SIGNS

Hx of 1 week duration of weakness, anorexia. Episode of urinary incontinence this am.
Abnormal PE/Chem/CBC/UA Results: HR - 150 Pale MM Depressed Weak pulses RR - 30 Grade III/VI LAS murmur

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 normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Both kidneys measured 4.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

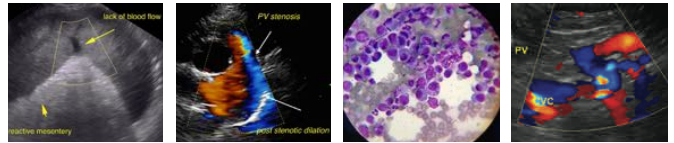
Multiple, parenchymal **splenic** masses were noted and measured 10+ cm with regional adhesions. The masses appeared to be deriving from the spleen.

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.

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. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.



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Pancreas

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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.

SPECIES

Canine

Free Abdomen

BREED

A moderate amount of free fluid was noted in the abdomen.

Golden Retriever

SEX

Heart

Neutered male

Rapid view of the heart revealed no evidence of pathology.

AGE

ULTRASONOGRAPHIC FINDINGS

9 years

Multiple splenic masses with probable rupture given the free fluid.

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

80.2 lbs

No obvious metastatic disease was noted in the liver; however, given the extent of the splenic pathology I cannot rule out micrometastasis. If chest radiographs are free of evident pathology then exploratory surgery is indicated with expectations towards inspection of the liver, omentum and splenectomy. Hemangiosarcoma is likely. Round cell neoplasia is less likely.

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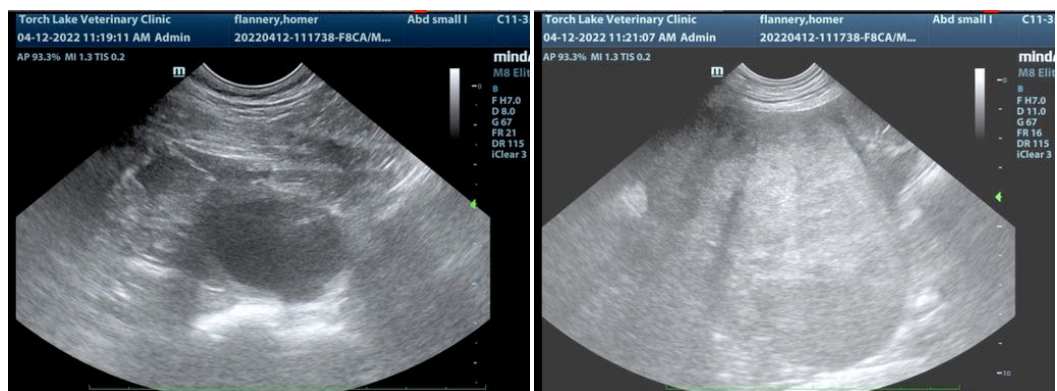
Dr. Waffle

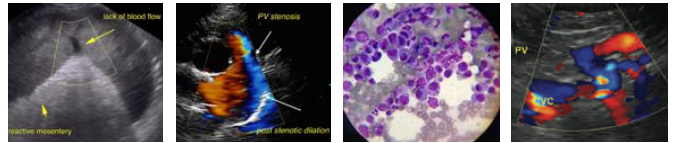
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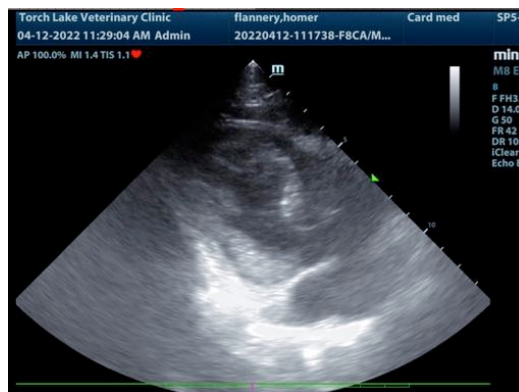
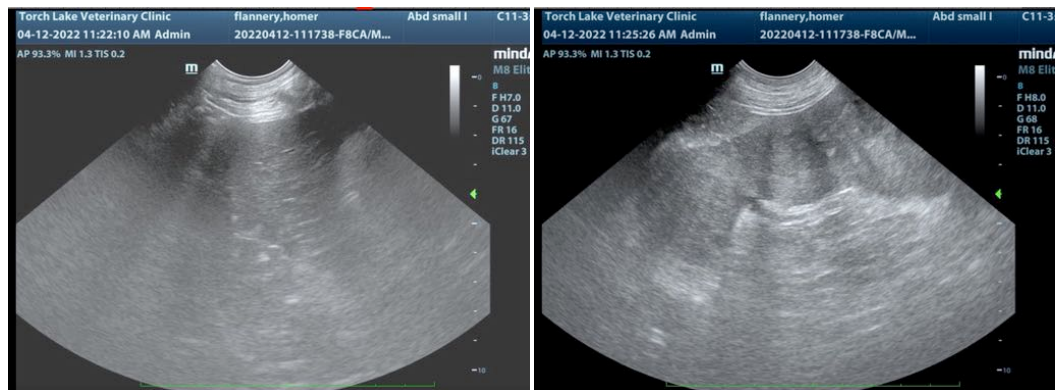
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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