



PATIENT

Marvin Miltz Miller

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

6 Years

WEIGHT

12 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Tim Hunt

HOSPITAL NAME

Bayshore VH

REFERRING VET

Tim Hunt

INVOICE

12647

DATE

8/20/21

PRESENTING CLINICAL SIGNS

History: Off food, ascites. All profile b/w ok. t-ok. WBC-28K with left shift

Abnormal PE/Chem/CBC/UA Results:

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 were 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. The left kidney measured 3.94 cm. The right kidney measured 3.98 cm.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

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.

Liver

Some heterogeneous **hepatic** changes were present in the liver with an overt 3.0 cm mixed hyper- and hypoechoic mass in the left medial liver. Hepatic veins were not dilated. No evidence of passive congestion.

Gastrointestinal

The **gastrointestinal tract** presented normal curvilinear patterns yet was enveloped by the omental pathology.

Pancreas

Multifocal hypoechoic **pancreatic** changes were noted and ill-defined at the pancreatic body.

Free Abdomen

A large amount of echogenic ascites was noted in the **abdomen** with heterogenous omental changes.

ULTRASONOGRAPHIC FINDINGS

- Carcinomatosis type presentation involving pancreas and liver
- Echogenic ascites in the abdomen with heterogeneous omental changes



PATIENT

- Gastrointestinal tract enveloped by the omental pathology

Marvin Miltz Miller

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Abdominocentesis with cytospin recommended to assess for neoplastic cells +/- FNA of the liver and/or hypoechoic areas of the pancreas. Prognosis is poor.

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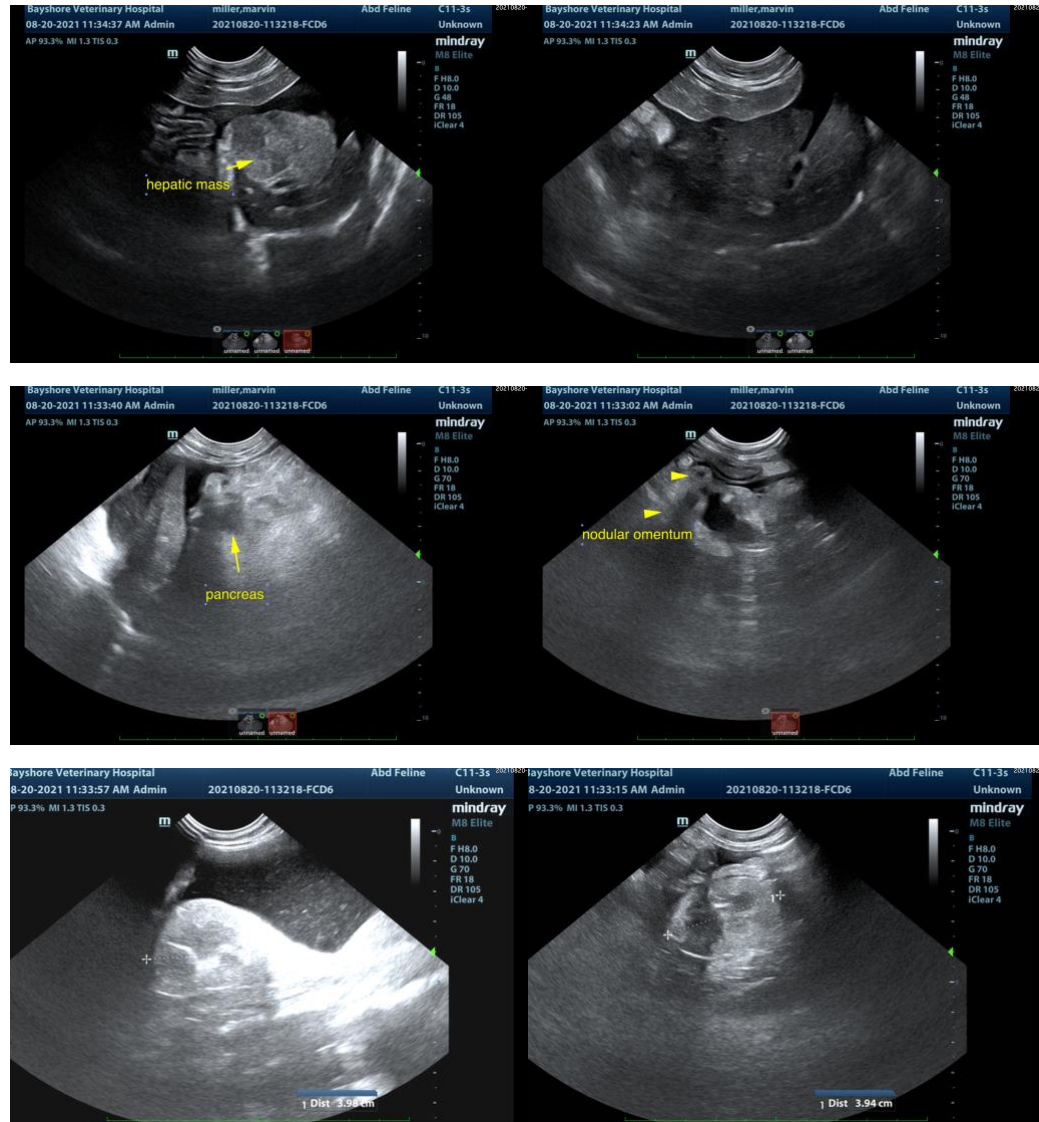
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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