



PATIENT

Hattie Stormer

SPECIES

Canine

BREED

Basset Hound

SEX

Spayed Female

AGE

9 Years

WEIGHT

42.4

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Maggiulli

HOSPITAL NAME

Willamette VH

REFERRING VET

Maggiulli

INVOICE

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DATE

10/30/22

PRESENTING CLINICAL SIGNS

History: Mast cell tumor -- right lateral tarsus - high grade 2- incompletely excised - no evidence of recurrence or metastasis as of 3/2021. She was on a pill chemotherapy afterwards. chlorambucil. All medications ended last year in Dec 2022. On ursidial for a while afterwards for biliary sludge. Vomiting started 3-4 days ago. Decreased appetite last weekend - eat lunch but not dinner. After a couple days at coast - not eating in 2 days even rice. then vomiting - started on Wed 2 times a day. First vomits where foamy. Food came back up, then eating less. Dark Melena Stool.

Abnormal PE/Chem/CBC/UA Results: FAST: No free abdominal fluid. Large amount of fluid in the stomach. No discrete liver or intestinal masses EPOC: CHT 27%, Hypocalcemia (1.01), hypochloremia (92), Cre 1.43, GLU 173, K+ 2.1, hyperglycemia (173), markedly elevated lactate (13.8), pH 7.505, bicarb 27.1, TCO 2 27, BUN 66 Hct 27% CBC: Hct 26%, RETICS 189.2, leukocytosis (83 K/uL), neutrophilia (34.6 K/uL) elevated basophils 024, lymphocytosis (20.65), Monocytes 27.55, pLT 65, Chem17: BUN 71, Calcium 7.6, TP 4.2, ALB 1.9, GLOB 2.3, CPL: 136 ug/ml - negative for pancreatitis.

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 5.8 cm. The right kidney measured 5.8 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed multifocal hypoechoic nodular changes with disrupted architecture and capsular expansion., strongly concerning for round cell neoplasia. FNA is indicated. Benadryl injection is warranted prior to sampling.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor 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. No overt evidence of infiltrative disease.



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Gastrointestinal

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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.

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Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Splenic nodules
- Age-related abdominal changes otherwise

AGE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Strong concern for round cell neoplasia. Hemangiosarcoma and nodular hyperplasia are possible yet less likely. Guarded prognosis depending upon cytology results.

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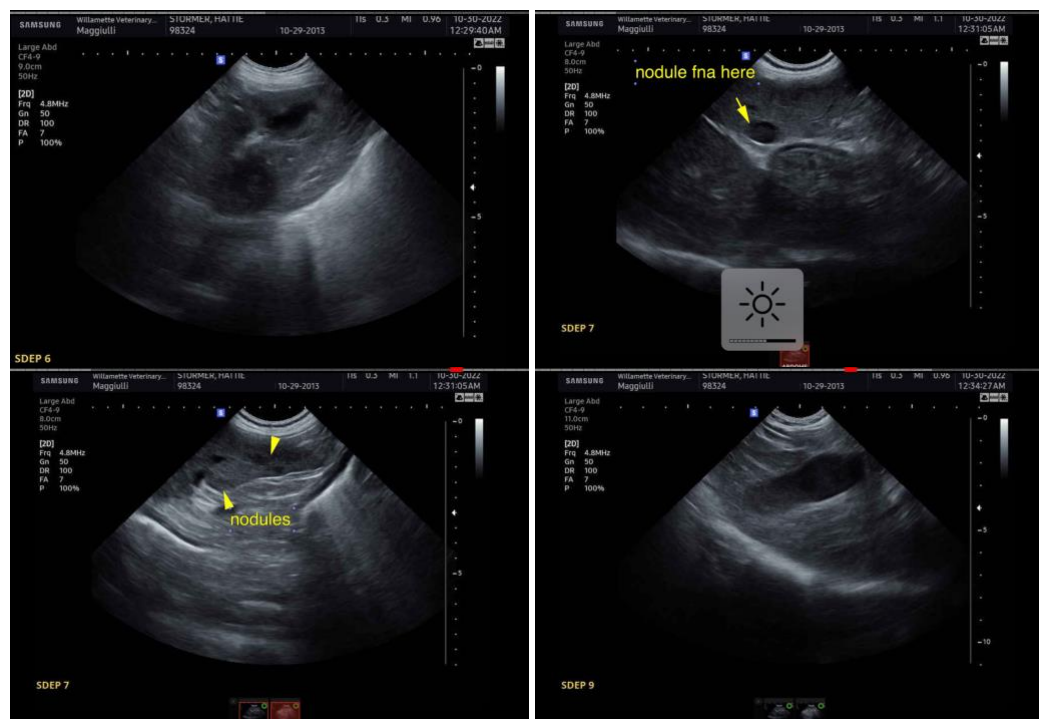
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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