



PATIENT

Zoe Brazell

SPECIES

Canine

BREED

GHD

SEX

Spayed Female

AGE

8 Years 4 Months

WEIGHT

96 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jonathan Moss

HOSPITAL NAME

Harvest Hills VH

REFERRING VET

Dr. Jonathan Moss

INVOICE

43045

DATE

11/30/22

PRESENTING CLINICAL SIGNS

Pt presented for diarrhea and lethargy
Abnormal PE/Chem/CBC/UA Results: Pt has free fluid on U/s and abdominal fluid wave on exam.
MM- light pink. CBC showed hct-35, retics- 330, wbc-21, Neut 17.49, Lymph 1.46, Mono 1.94, Eos 0.27, Baso 0.11, Plat 42, Plateletcrit 0.08, ALT 174

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, corticomodullary 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 measures 6.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** presented a multifocal expansive undifferentiated 8+ cm mass with regional inflammation. Other target type nodules noted throughout the spleen with enhanced mesentery. Free fluid is likely hemorrhage from the masses. Some masses are cavitated.

Liver

The **liver** was swollen, irregular, and enlarged, riddled with multiple target lesions, consistent with a metastatic pattern. Surrounding free fluid noted. The gallbladder was edematous. Hepatic lymph nodes were enlarged and rounded, measuring 3-5 cm.

Pleural effusion noted through the diaphragm.

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.

Pancreas

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.

Free Abdomen

Moderate amount of echogenic free fluid noted in the abdomen.



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ULTRASONOGRAPHIC FINDINGS

- Multicentric neoplasia involving the spleen and liver – round cell neoplasia or hemangiosarcoma.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25-gauge FNA of the splenic and hepatic nodular changes and masses recommended for further definition. However, prognosis is poor.

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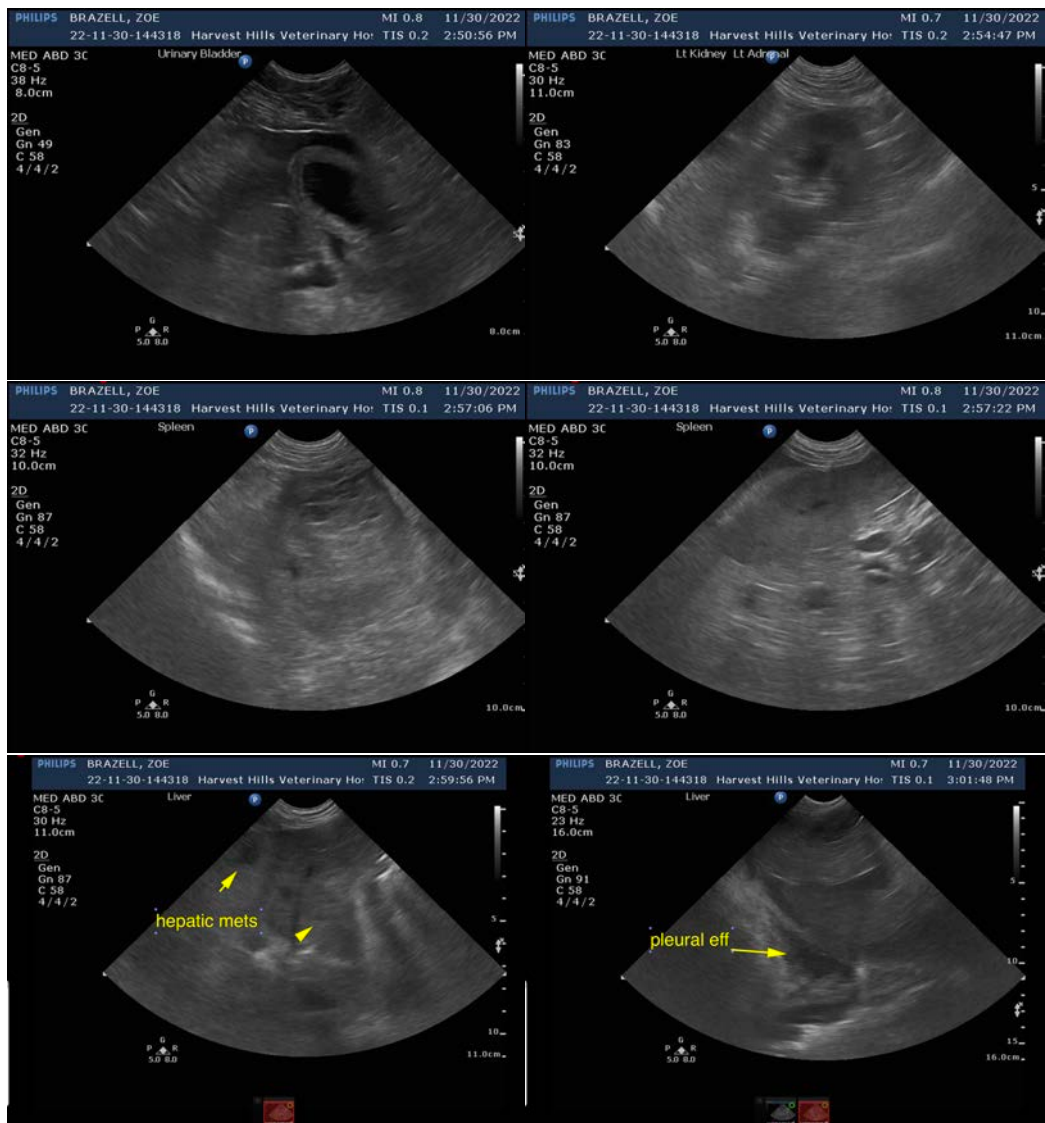
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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