



PATIENT

Betsy Rose Rowan

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

AGE

9 Years 10 Months

WEIGHT

75 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Kaltsas

INVOICE

36100

DATE

3/10/22

PRESENTING CLINICAL SIGNS

12/2021 AUS showed mass in spleen, FNA of spleen showed spindle cell proliferation, suggestive of HSA or other sarcoma. Splenectomy done, owner declined histopathology. Doing well until recently. Anemic, lethargic, RR leg is shaky and weak.
Abnormal PE/Chem/CBC/UA Results: PE: mm pallor, crt 3 seconds. BW: regenerative anemia.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed some suspended debris. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 7.0 cm. The right kidney measured 7.5 cm.

Adrenal Glands

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

Spleen

The **spleen** was not visualized owing to previous splenectomy.

Liver

The **liver** was riddled with multiple mixed echogenic masses. Ill-defined margins noted in both the left and right liver, strongly suggestive for metastatic disease. Enhanced surrounding mesentery and regional free fluid present. Distorted target lesions also noted.

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

Enhanced mesentery was noted throughout the cranial abdomen, obscuring portions of the pancreas.

Rapid view of the heart revealed no evident pathology.

ULTRASONOGRAPHIC FINDINGS

- Metastatic hepatic sarcoma pattern with free fluid likely owing to hemorrhage and inflammation



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Prognosis is poor, given the patient history. The lesions are not resectable.

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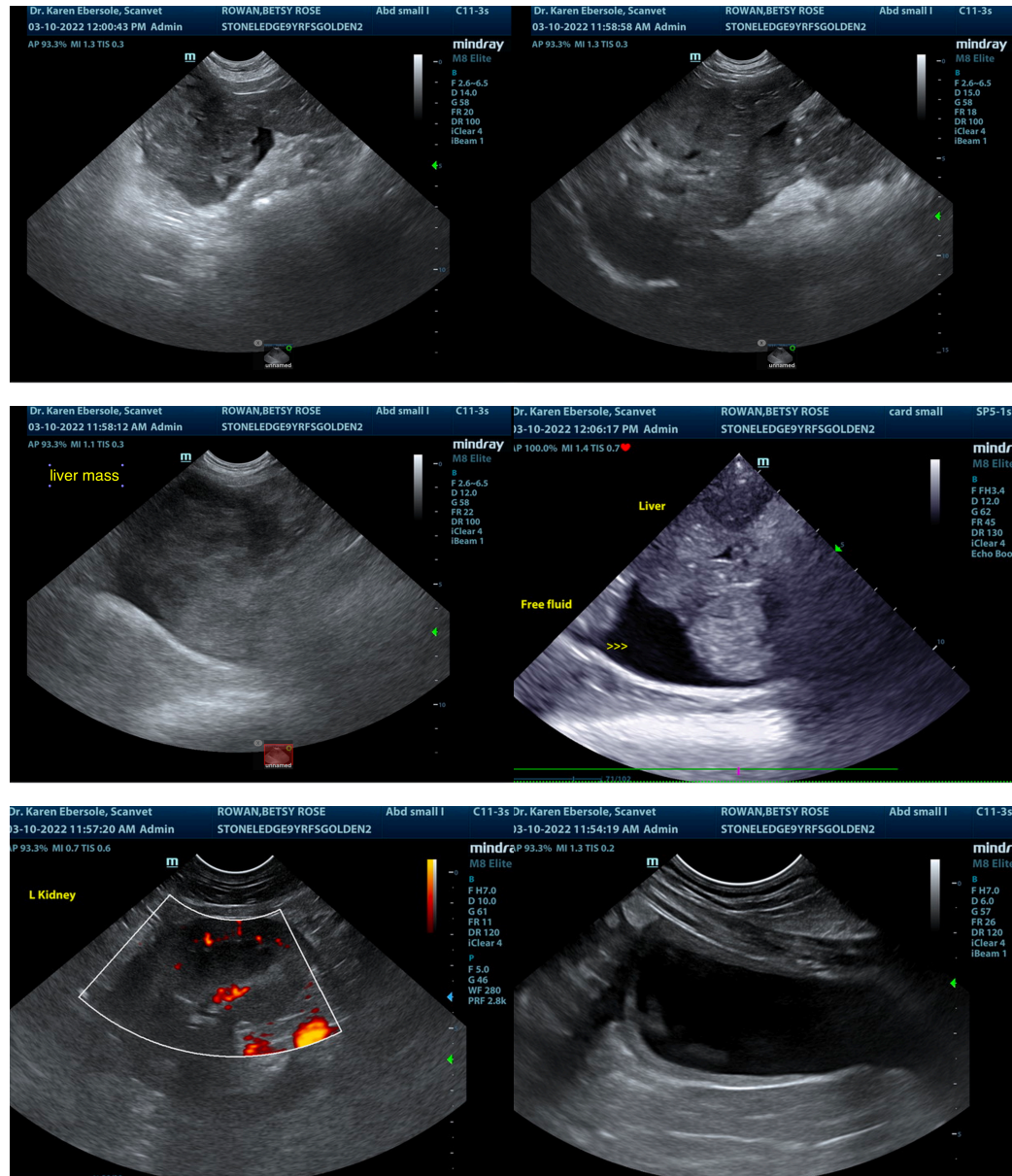
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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.

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

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