



PATIENT

Sara Nowack

SPECIES

Canine

BREED

German Shepherd

SEX

Female

AGE

11 years

WEIGHT

93 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Myers

HOSPITAL NAME

Hershire AH

REFERRING VET

Dr. Myers

INVOICE

99306

DATE

4/14/22

PRESENTING CLINICAL SIGNS

Found suspected splenic mass on palpation of abdomen during routine annual exam. No clinical signs 3 view chest xrays- no mets seen
CBC- normal chem with lytes: very mild decreased albumin and mild increased globulin t4: normal u/a- no bacteria, usg 1040, ph 5, moderate calcium oxalate crystals

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. Bladder revealed small calculi grouping of which measured 0.5 cm. Suspended and dependent debris was noted. This is consistent with urinary tract infection.

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 right kidney measured 6.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** revealed a cystic mass that measured 0.8 cm with areas of cavitation. There was no evidence of rupture. However, it is a highly precarious presentation. The spleen was also folded upon itself.

Liver

The **liver** revealed multi-focal, hypoechoic nodular changes. The hepatic veins are dilated. The gallbladder was over distended.

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

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Heart

BREED

Rapid view of the heart revealed no evidence of pathology.

German Shepherd

ULTRASONOGRAPHIC FINDINGS

SEX

Splenic mass, small bladder calculi. Hemangiosarcoma versus benign cystic hematoma.

Female

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

11 years

Rapid view of the heart is recommended to assess for pericardial effusion and right auricular masses. Three view chest radiographs are recommended. Splenectomy, liver inspection, biopsy and manual expression of the gallbladder, cystotomy, bladder flushing and stone analysis are all indicated. Treatment for chronic urinary tract infection is warranted given the pyuria.

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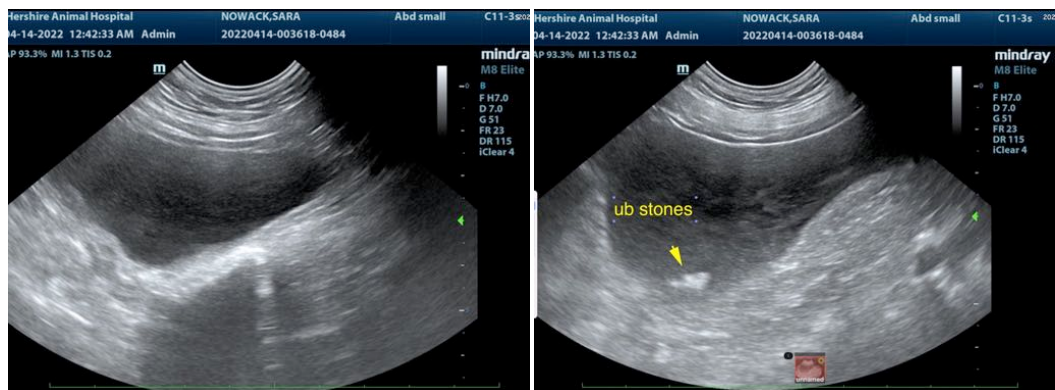
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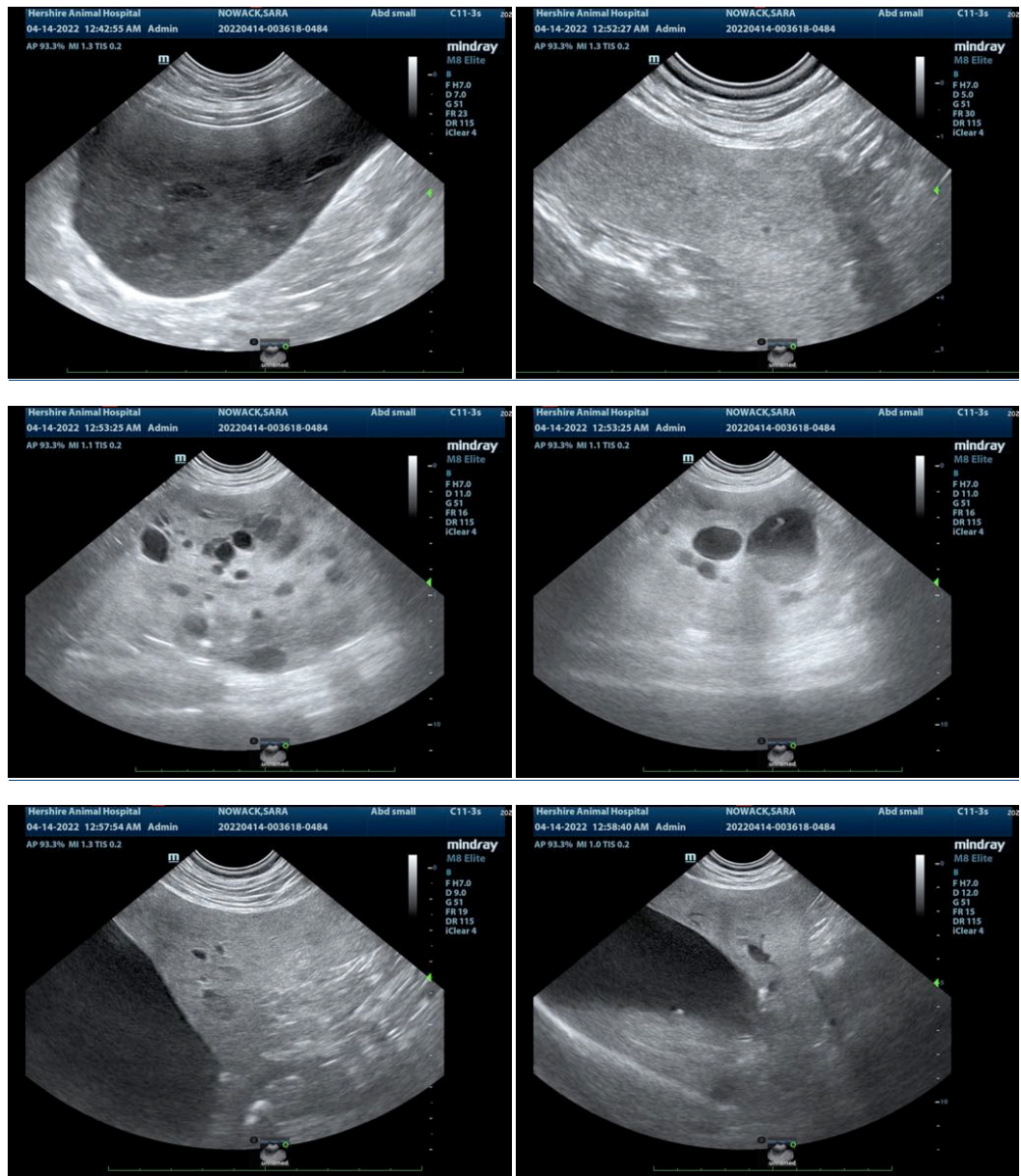
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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