

PATIENT PRESENTING CLINICAL SIGNS

Faith Rao Patient presents for 2 days of lethargy, decreased appetite, and diarrhea. Radiographs showed a suspicious area in the cranial abdomen, possible mass effect?
Abnormal PE/Chem/CBC/UA Results: Globulin 3.8, chol. 343, WBC 18.9, PLT 494, neuts. 15309, mono. 945. U/A: 1+ protein, USG 1.047.

SPECIES

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Staffordshire Terrier
Mix

SEX

Spayed Female

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 was noted. Ureteral papillae were normal.

AGE

13 years

WEIGHT

55.2 lbs

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.3 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.83 x 1.2 cm at the cranial pole and 0.73 cm at the caudal pole. The left adrenal gland measured 2.66 x 0.61 cm at the caudal pole and 0.94 cm at the cranial pole.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal General on
Hudson

Spleen

The **spleen** revealed an expansive, mixed echogenic 6.0 cm mass that was deriving from the cranial body. The remainder of the spleen was mildly heterogenous. Minor inflammation was noted around the splenic mass.

REFERRING VET

Dr. Tierney

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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.

INVOICE

30275

DATE

5/11/22



PATIENT

Faith Rao

Gastrointestinal

SPECIES

Canine

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.

BREED

Pancreas

Staffordshire Terrier
Mix

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.

SEX

Spayed Female

Heart

AGE

13 years

Rapid view of the heart revealed no evidence of pathology. The right auricle and pericardium appeared normal.

WEIGHT

55.2 lbs

ULTRASONOGRAPHIC FINDINGS

Splenic mass with concurrent nodular changes.

INTERPRETED BY

Minor regional inflammation was noted around the splenic mass.

Eric Lindquist, DMV,
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery/splenectomy with liver biopsy is indicated to assess for micrometastasis. There is no contraindication to anesthetic procedure. Differentials include hemangiosarcoma versus round cell neoplasia or possibility of benign hematoma. Regardless, this is a precarious presentation and necessitates immediate surgical intervention.

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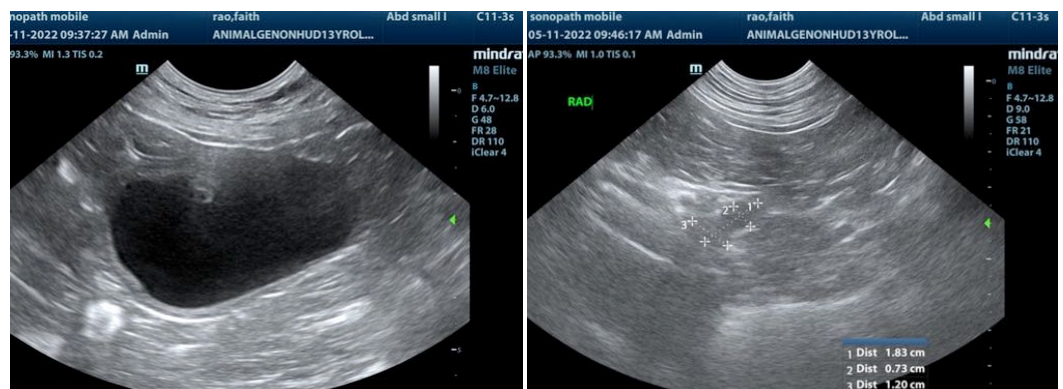
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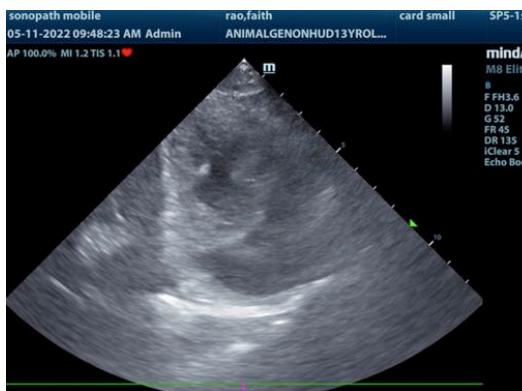
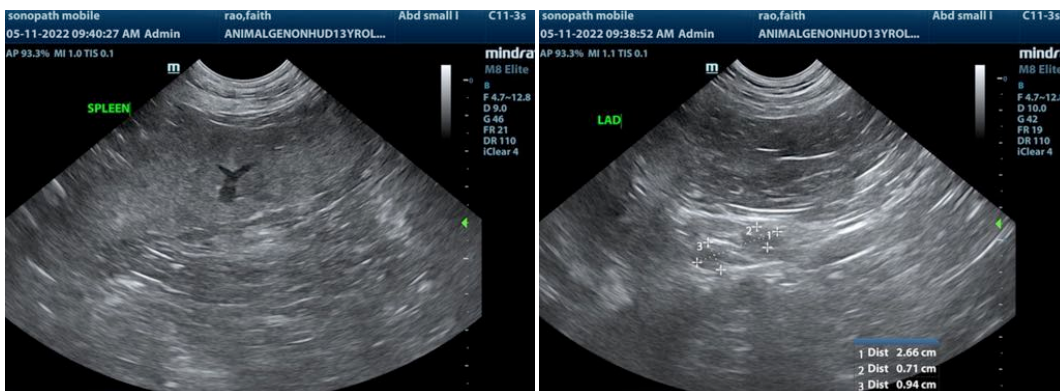
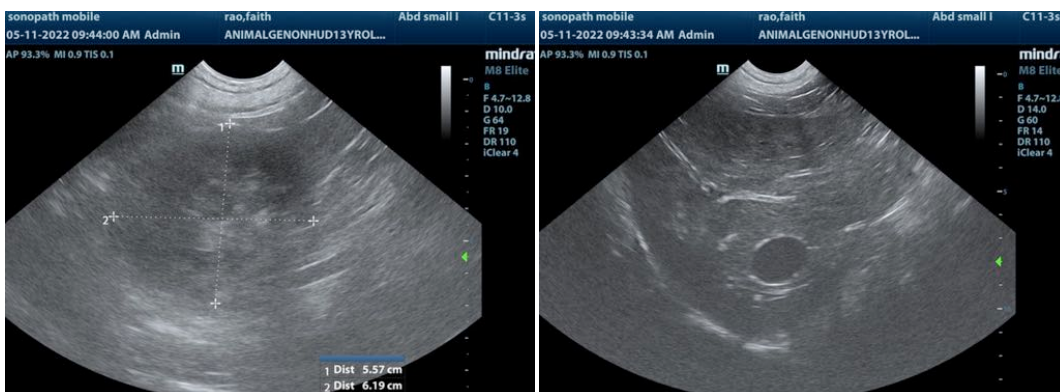
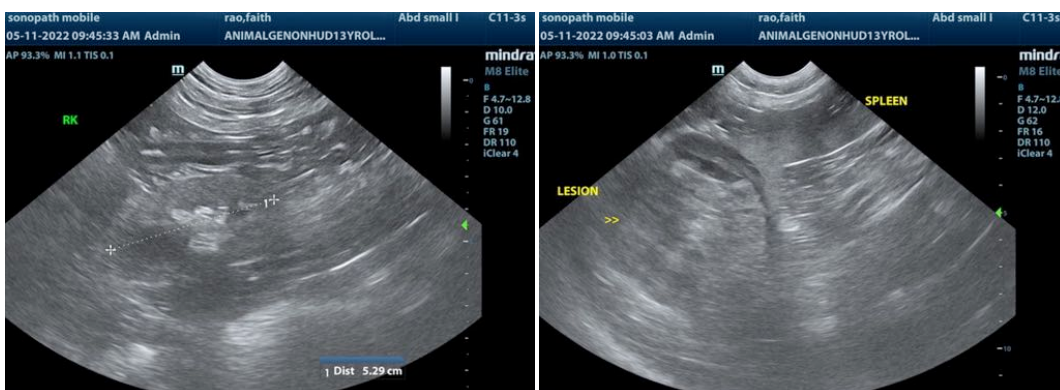
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

Info@SonoPath.com

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