



PATIENT PRESENTING CLINICAL SIGNS

Zoe Turdo
History: Patient presents for anorexia and vomiting x 2 days (food & bile), tense abdomen, anemia, radiographs show loss of abdominal detail, chest appears clear, R/O abdominal mass vs. other. Current meds: Buprenorphine, plan: IVF, Famotidine, Cerenia.
SPECIES
Abnormal PE/Chem/CBC/UA Results: CBC: HCT 22%, RBC 4.24, WBC 12.3. Chem 17: WNL. Lipase 103, CPLI (normal).
Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Spaniel Urinary System

SEX
Spayed Female
The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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

45 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 5.46 cm. The left kidney measured 5.86 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 left adrenal gland measured 1.82 x 0.6 cm at the caudal pole and 0.5 cm at the cranial pole. The right adrenal gland measured 2.56 x 0.81 cm at the caudal pole and 0.66 cm at the cranial pole.

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Westwood Regional
VH

Spleen

The **spleen** revealed a complex peripherally inflamed cavitated mass that measured 9.25 cm. Other minor heterogenous changes were noted in the spleen. The mass appears to have free fluid and ascites associated with it.

REFERRING VET

Dr. Hartwick

Liver

INVOICE

92830

DATE

11/3/21

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. Minor, hypoechoic heterogenous changes were noted. There were minor, hypoechoic, heterogenous changes. No obvious evidence of metastatic disease was noted. Minor microcystic change was noted in the left cranial liver, likely unrelated to the splenic mass. Regional adhesions were noted around the splenic mass. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar



PATIENT hepatopathy and some level of remodeling and history of inflammatory component. Regional hematoma was present.

Zoe Turdo

SPECIES *Gastrointestinal*

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

Spaniel

Pancreas

SEX

Spayed Female

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.

AGE

13 years

Heart

Rapid view of the heart revealed no evidence of pathology.

WEIGHT

45 lbs

ULTRASONOGRAPHIC FINDINGS

Ruptured splenic mass with regional hematomas and adhesions. No obvious organ metastasis.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend exploratory surgery if chest radiographs are free of evident pathology. Hemangiosarcoma is suspected. Benign hematoma is possible. Guarded prognosis. Immediate exploratory surgery is recommended.

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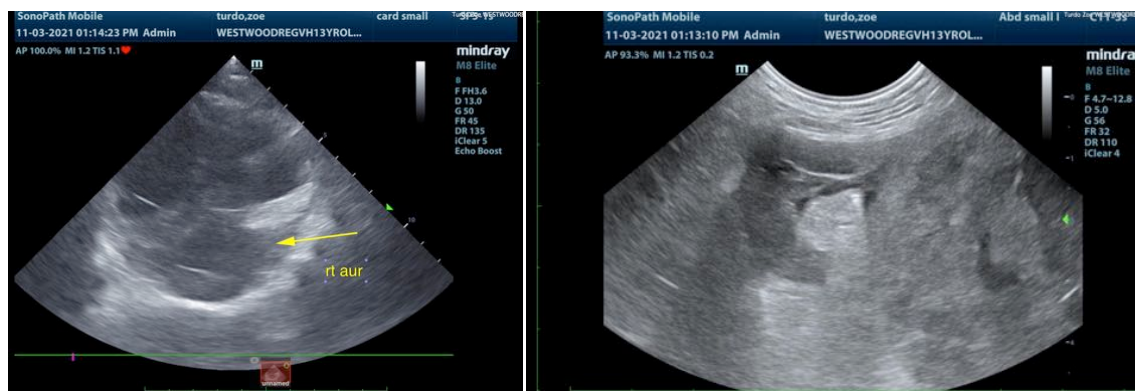
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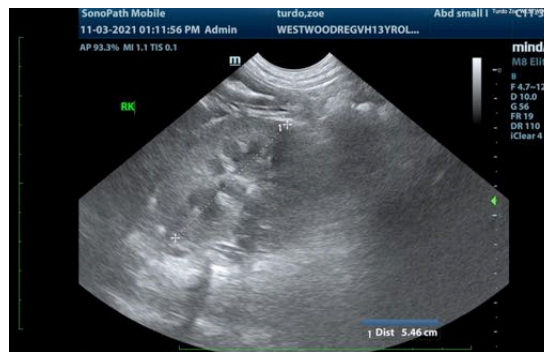
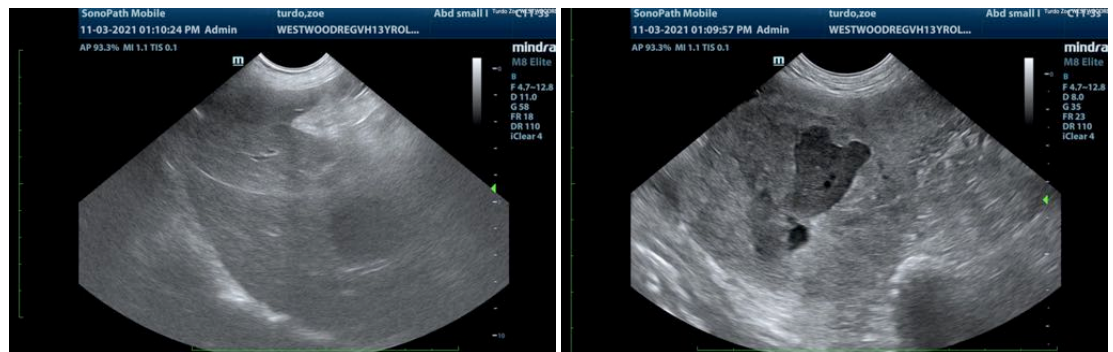
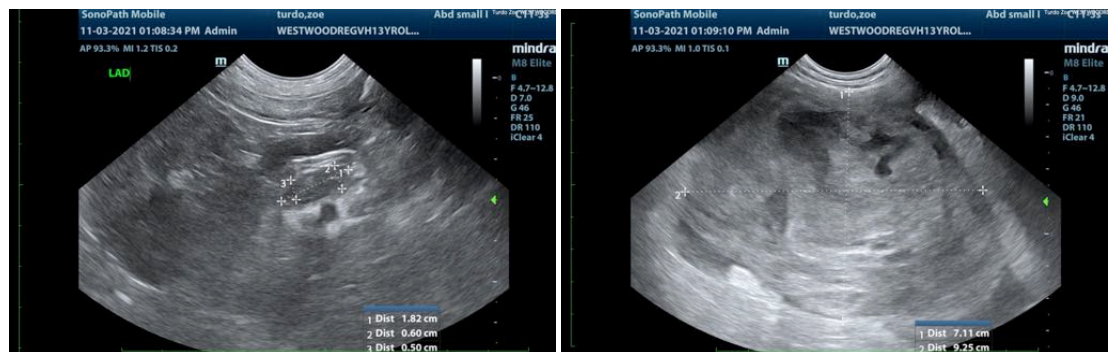
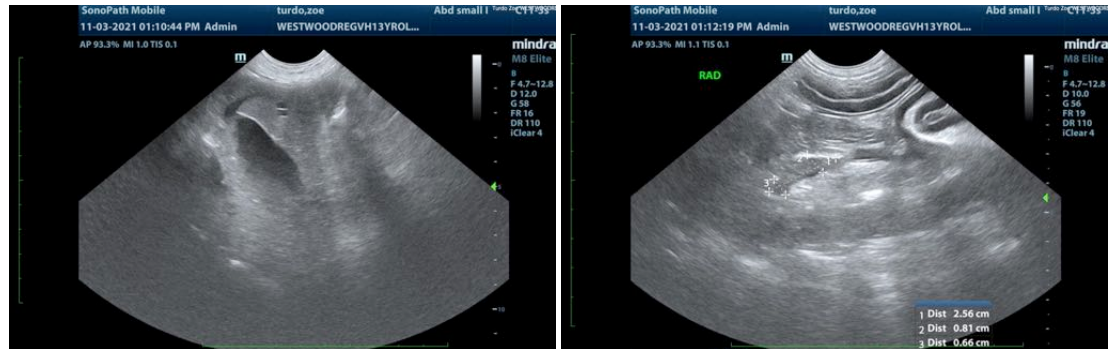
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



PATIENT

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