

PATIENT PRESENTING CLINICAL SIGNS

Max Chapman

History: Presented as lethargic/ not moving around much, legs seemed to give out and P just laid there. P not walking as far as normal, would walk short distance and then stop/ lay down. Not eating as much and needing to be enticed to eat small amount. PE - P is QAR to dull, MM pale pink, CRT <2s, severely painful cranial to mid abdomen, firm on palpation. Abdomen distended. - P did seem to get brighter after some rest in kennel during the day, walking around more energetically and eating kibble in clinic. - Abdominocentesis produced blood. Has been on Gabapentin.

SPECIES

Canine

BREED

Shepherd

SEX

Neutered male

AGE

9 years

WEIGHT

39.8 kg

Abnormal PE/Chem/CBC/UA Results: FINDINGS: The cardiac silhouette is normal without evidence of specific chamber enlargement. The pulmonary vessels are normal in size and course. The pulmonary parenchyma is normal without evidence of airway thickening, soft tissue nodules, or other infiltrates. The pleural space and remaining mediastinal structures are normal, and there is no evidence of intrathoracic lymphadenomegaly. The abdominal serosal contrast is reduced due to increased wispy soft tissue. The stomach contains a small metal heterogeneous soft tissue and gas. The small intestines are poorly defined but appeared to be moderately dilated and some segments with gas. The colon is mildly gas filled and normal in size and course. The liver and spleen are poorly defined. The renal silhouettes are normal. The urinary bladder is not well-seen. There are no significant or definitive musculoskeletal changes. CONCLUSIONS: -Moderate peritoneal effusion (e.g. hemorrhage, inflammatory, neoplastic etc.). -Suspect mild to moderate small intestinal dilation. Mechanical or functional ileus is possible. -Normal thorax. Bloodwork declined.

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 was noted. Ureteral papillae were normal.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 7.55 cm. The left kidney measured 8.65 cm.

IMAGING PERFORMED BY

Crystal Hill, RVT

HOSPITAL NAME

Beatties BPH Stoney
Creek

Adrenal Glands

The region of the **adrenal glands** were imaged with no evidence of pathology.

REFERRING VET

Dr. Salib

Spleen

INVOICE

42643

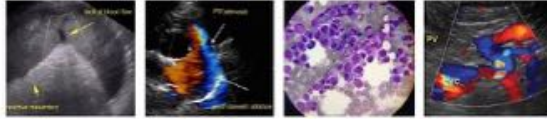
The **spleen** revealed a complex, mixed, hypoechoic, expansive mass with peripheral inflammation. The mass measured 8.6 cm. A secondary splenic mass was also noted and measured approximately 6.0 cm.

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Liver

A separate **liver** mass was noted. The gallbladder and common bile duct were unremarkable.



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Gastrointestinal

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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

Shepherd

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.

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Free Abdomen

A large amount of free fluid was noted. Heterogenous omental changes were noted with free fluid.

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ULTRASONOGRAPHIC FINDINGS

Ruptured splenic mass with hepatic metastatic pattern and omental metastatic pattern.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Disseminated hemangiosarcoma is likely. Prognosis is poor, humane euthanasia should be considered in this patient.

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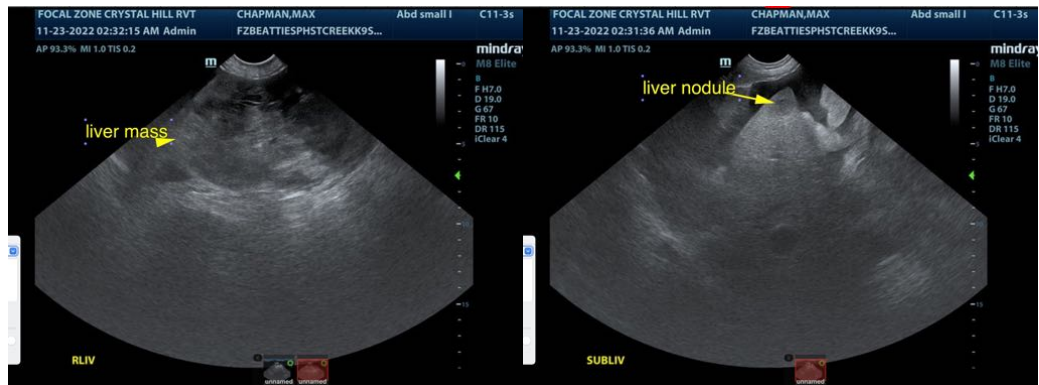
Dr. Salib

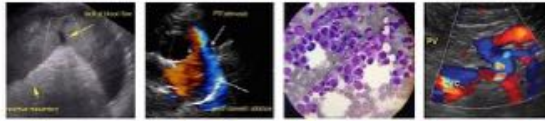
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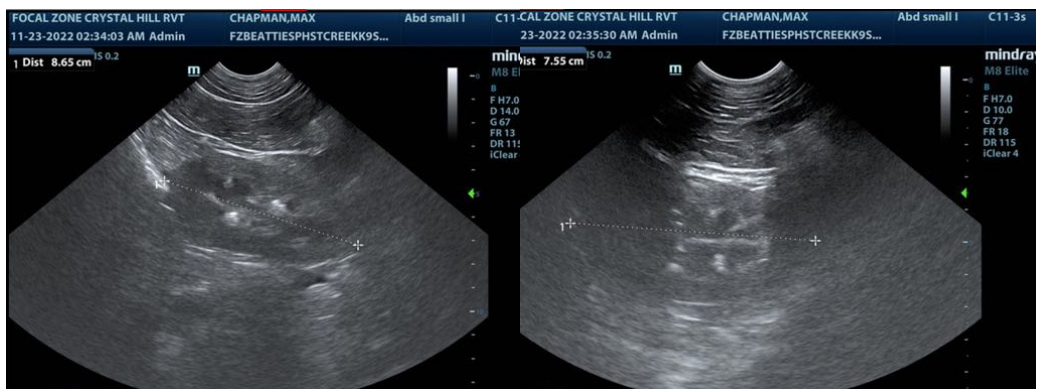
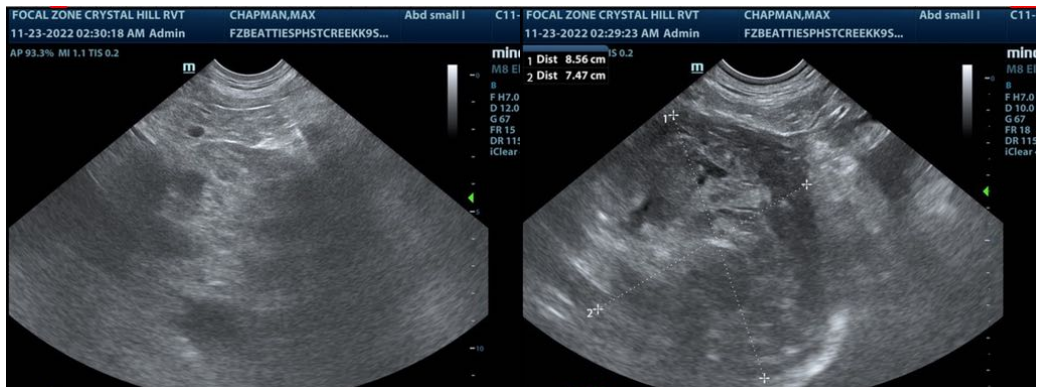
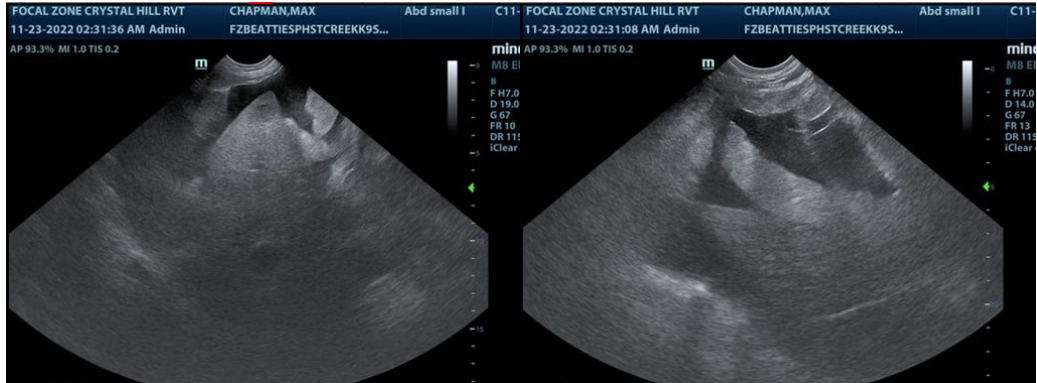
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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