

PATIENT

Sonchos Johnson

SPECIES

Canine

BREED

Pit Bull

SEX

Neutered Male

AGE

11 years

WEIGHT

109 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

HOSPITAL NAME

Reid VH

REFERRING VET

Dr. Jaclyn Reid

INVOICE NUMBER

23184

DATE

7/6/23

PRESENTING CLINICAL SIGNS

History: - O noticed signs starting 7/1/23 around 8 PM - waist seemed to constrict, having difficulty breathing - Tired/lethargic more than usual - Very distended abdomen, palpable mass Radiographic Findings Lateral abdominal/thoracic radiograph - very large space-occupying mass in cranial abdomen, suspect splenic in origin. Thorax WNL, no obvious metastasis Primary Question/Differential to Be Answered in This Exam - Discussed ddx with owner and likelihood of metastatic vs. benign if splenic in origin. - Evaluate organs/involvement and if sx a viable option for patient.

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 were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild to moderate 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 7.72 cm. The left kidney measured 7.65 cm.

Adrenal Glands

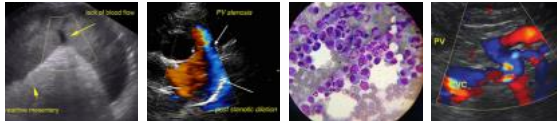
Both **adrenal glands** were visualized and recognized as having normal shape, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 3.19 cm x 1.33 cm at the cranial pole and 0.64 cm at the caudal pole. The left adrenal gland measured 3.48 cm x 0.92 cm at the caudal pole and 0.53 cm at the cranial pole (caudal pole was slightly swollen).

Spleen

The **spleen** revealed an expansive mixed echogenic to hyperechoic parenchymal mass, measuring 15+ cm. No evidence of cavitation was noted. Slight free fluid was noted around the splenic mass and enhanced mesentery. The spleen was folded upon itself in a pedunculated fashion. It appears that the hemorrhage is likely early, as minimal omental involvement was noted.

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



PATIENT clinical significance to this presentation. The hepatic lymph nodes were unremarkable. No obvious evidence of metastatic disease.

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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.

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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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Other

A rapid view of the **heart** revealed no evident pathology in the right auricle or pericardium.

ULTRASONOGRAPHIC FINDINGS

AGE

11 years

- Splenic mass with likely early rupture. No obvious organ metastasis.
- Slightly swollen left adrenal gland, likely benign
- Age-related renal and hepatic changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Met screen radiographs are recommended, followed by immediate exploratory/splenectomy, liver inspection and biopsy to assess for micrometastasis.

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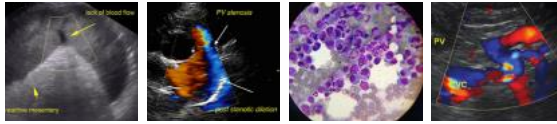
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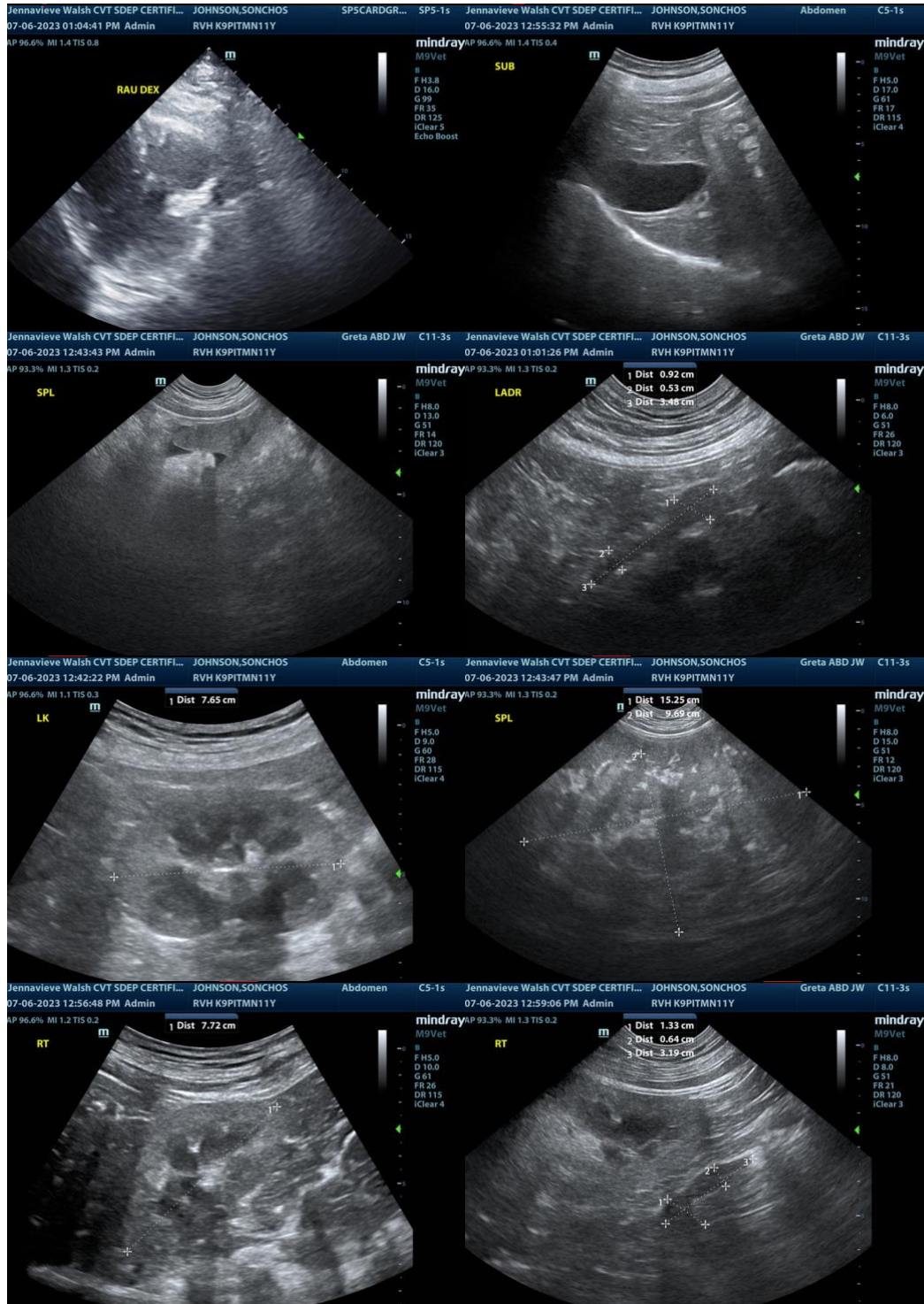
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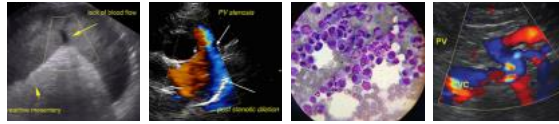
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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Sonchos Johnson 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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info@SonoPath.com
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