



PATIENT

Diesel Castro

SPECIES

Canine

BREED

American Pit Bull

SEX

Spayed Female

AGE

15 Years

WEIGHT

67 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. G. Ferrer

HOSPITAL NAME

Paseos Vet Center

REFERRING VET

Dr. Carrasquillo

INVOICE

35152

DATE

1/27/22

PRESENTING CLINICAL SIGNS

Presented for an abdominal ultrasound to evaluate possible abdominal mass seen on radiographs. Presented originally to evaluate acute pain on abdomen. Originally went to Emergency clinic and then came here for further evaluation and treatment. Pt has been hospitalized on IV fluids and gabapentin, rimadyl, cerenia and famotidine.

Abnormal PE/Chem/CBC/UA Results: PE: tense abdomen difficult to palpate Pain on lumbar palpation BW: CBC and Chemistry: unremarkable.

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 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. Mineralization noted in both kidneys. The right kidney measured 7.16 cm. The left kidney measured 6.3 cm. Slight free fluid noted around the left kidney, may be extending from hemorrhage of the splenic mass, or paraneoplastic fluid. However, inspection of the left kidney should be performed at surgery as well.

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 0.66 cm. The left adrenal gland measured 0.97 cm.

Spleen

The **spleen** revealed an undifferentiated 9.0 cm parenchymal mass. Minor heterogeneous changes noted elsewhere in the spleen. The mass appeared to be deriving from the caudal pole and folded upon itself.

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. No obvious metastatic lesions. However, inspection and biopsy should be performed at surgery.

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



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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.

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Free Abdomen

Free fluid noted in the abdomen.

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ULTRASONOGRAPHIC FINDINGS

- Ruptured splenic mass
- Pericapsular renal fluid
- Geriatric abdomen otherwise

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

3-view chest radiographs recommended, followed by exploratory surgery, splenectomy, inspection of the liver + biopsy and inspection of the left kidney. Hemangiosarcoma likely, round cell neoplasia or other neoplasia possible. Hematoma possible, but less likely.

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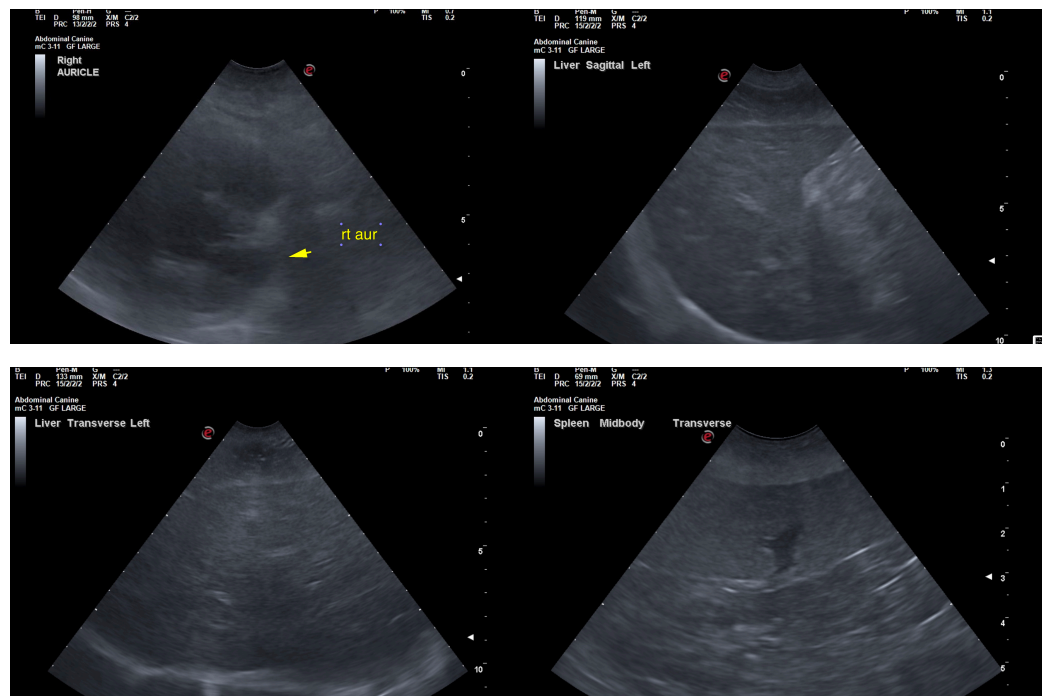
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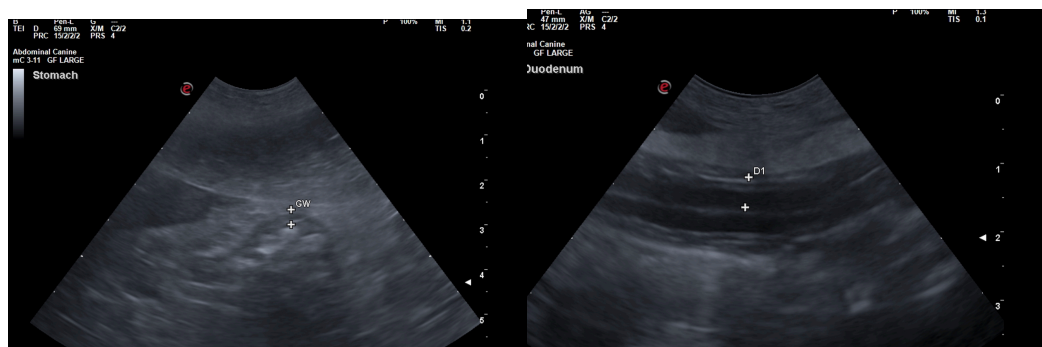
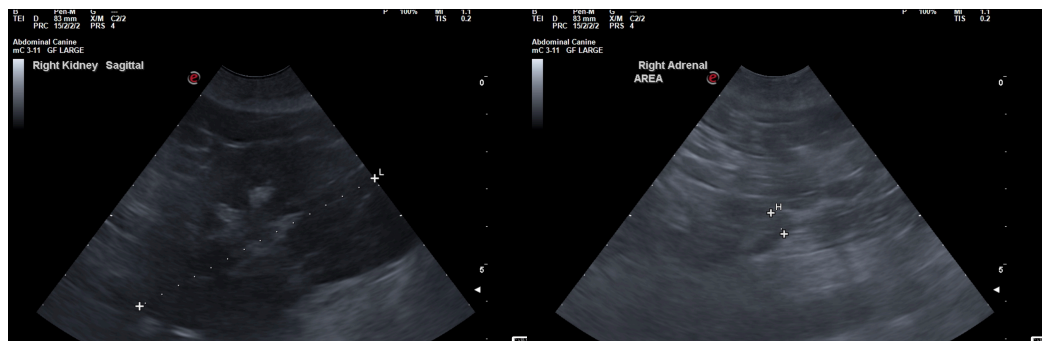
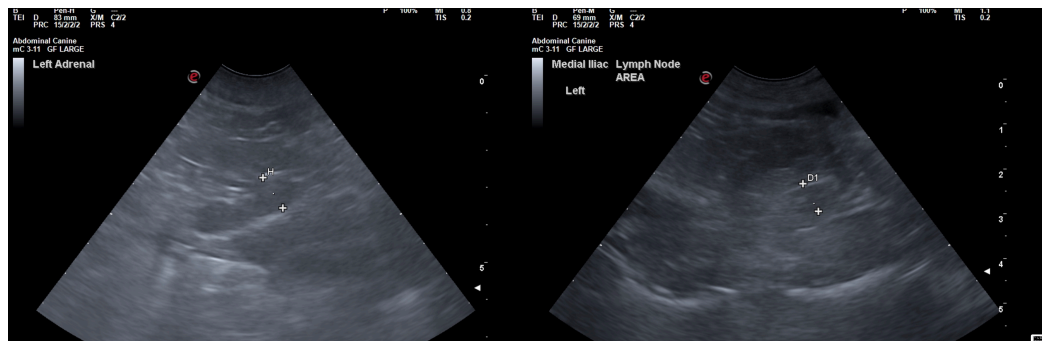
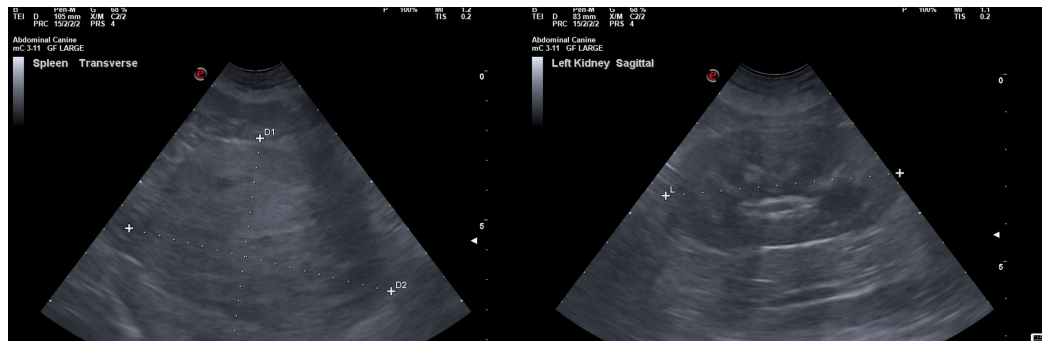
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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