



**PATIENT**

Saxton Corrigan

**SPECIES**

Canine

**BREED**

Goldendoodle

**SEX**

Male

**AGE**

6 Years

**WEIGHT**

52.7 Pounds

**INTERPRETED BY**

Lisa Carioto, DVM,  
DVSc, Diplomate  
ACVIM

**IMAGING PERFORMED BY**

Adrienne Ligenza

**HOSPITAL NAME**

Rush VC

**REFERRING VET**

Dr. Taylor Urban

**INVOICE**

14806

**DATE**

4/18/22

**PRESENTING CLINICAL SIGNS**

History: pale MM, uncomfortable, mass and free fluid seen on fast scan

Abnormal PE/Chem/CBC/UA Results: mass seen on xray

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is adequately with anechoic contents. The wall is smooth and regular. No abnormalities are noted with the trigone or proximal urethra, and there is no evidence of sediment, cystoliths, polyps or a mass. Free fluid is present surrounding the urinary bladder.

**Prostate**

The prostate is homogenous and measures 3.0 mm, which is within normal limits for a intact male.

**Kidneys**

The **left** kidney measures at least 6.88 cm. The capsule is smooth. The cortex is mildly hyperechoic and a mild loss of the normal definition of the cortico-medullary junction is observed. Mild mineralisations are observed in the pelvis, without signs of nephroliths or pyelectasia. It is difficult to evaluate the surrounding mesentery due to the abdominal effusion. No abnormalities are observed with blood flow.

The **right** kidney measures 7.30 cm. Findings are similar to the left kidney. No abnormalities are observed with blood flow. The surrounding mesentery is not hyperechoic.

**Adrenal Glands**

An oblique view is available due to gas in the surrounding GI tract. The **left** adrenal gland measures 0.45 cm in diameter. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

The **right** adrenal gland measures 0.56 cm at the cranial pole, 0.53 at the caudal pole and 2.39 cm in length. No abnormalities are noted with the gland's overall architecture, echogenicity or echotexture. The phrenico-abdominal vein and surrounding vasculature and mesentery are unremarkable.

**Spleen**

In a transverse view, a heterogeneous mass measures 7.1 centimeters in diameter by 7.1 centimeters in length. Multiple cavity lesions are present, as well as ill-defined hyper and hypoechoic areas of variable size. In a more longitudinal oblique view, the mass measures 9.3 centimeters in length.

The more normal portions of the spleen is homogeneous at first glance, however, when magnified, it has a mild, diffuse, miliary 'lacey' echotexture. The spleen is surrounded by anechoic fluid and the surrounding mesentery is severely hyperechoic.

**Liver**

The mass appears to be involving the liver based on multiple hypoechoic nodules of variable size and irregular contours of the liver borders. The liver's echotexture is homogeneous in other areas of the liver and it is within normal limits in echogenicity.



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The gallbladder wall is within normal limits in thickness and echogenicity. There is no evidence of echogenic material within the GB or edema surrounding it. Obvious signs of an obstruction are not visualized.

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**Gastrointestinal**

A large amount of gas is present in the stomach. The gastric wall is within normal limits in thickness and the wall layers are well defined. No obvious abnormalities are observed with its peristalsis.

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The small intestinal wall thickness, including the duodenum (0.45 cm), is within normal limits and the definition of the wall layers is preserved. Abnormally dilated loops of bowel are not observed.

The colonic wall is not thickened, and mural detail is considered normal. Gas is present in the transverse and descending colon.

**SEX**

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**Pancreas**

The left limb could not be evaluated properly due to the splenic mass and surrounding ascites.

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No overt abnormalities are observed with the parenchymal echogenicity or echotexture of the right limb. There is no evidence of hyperechogenicity of the surrounding mesentery, i.e., signs of active pancreatitis are not present.

**Other**

**WEIGHT**

52.7 Pounds

**Lymph nodes**

Mesenteric lymph node: No abnormalities are observed

A mildly enlarged jejunal lymph node is observed during the cine loop, measuring 8.0 mm x 2.0 mm. It is within normal limits in echogenicity and echotexture. The mesentery surrounding the lymph node is hyperechoic.

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**Abdominal effusion.** A moderate amount of anechoic fluid is visualized.

**Aortic bifurcation/trifurcation**

No abnormalities observed.

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**Caudal vena cava**

No abnormalities observed.

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**Testicles**

Right testicle: Smooth contours. Hypoechoic lesion in the centre measuring 0.71 centimeters in diameter by 0.92 centimeters in length. A similar hypoechoic lesion is noted, measuring 0.80 cm x 0.47 cm

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Left testicle: No abnormalities are observed.

**ULTRASONOGRAPHIC FINDINGS**

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- Histiocytic sarcoma, or other form of sarcoma, is highly suspected based on heterogeneous splenic mass consisting of cavitory and solid lesions. The heterogeneous appearance of the mass and "homogeneous" region of the spleen, as well as the appearance of the liver.

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- Very mild degenerative changes of both kidneys, which are suggestive of age related degeneration.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A fine needle aspirate of the solid regions of the neoplasms may be performed, however, there is a high index of suspicion of histiocytic sarcoma or other form of sarcoma.

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Unfortunately, long term prognosis for this tumour is guarded.

**SEX**

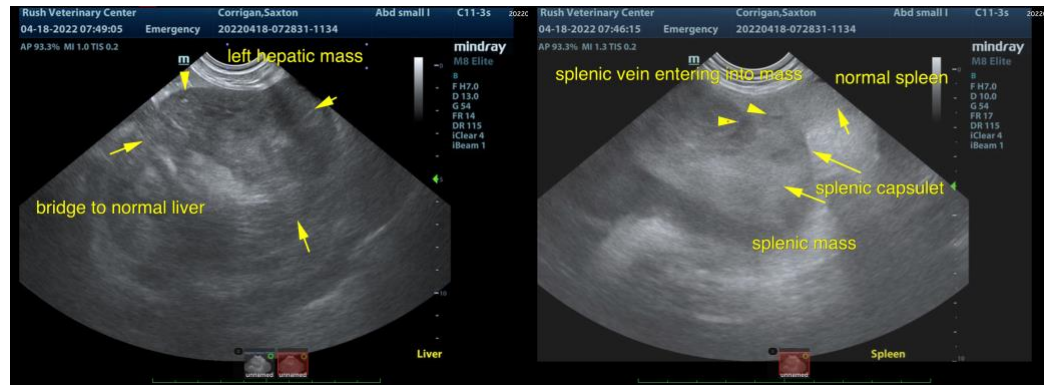
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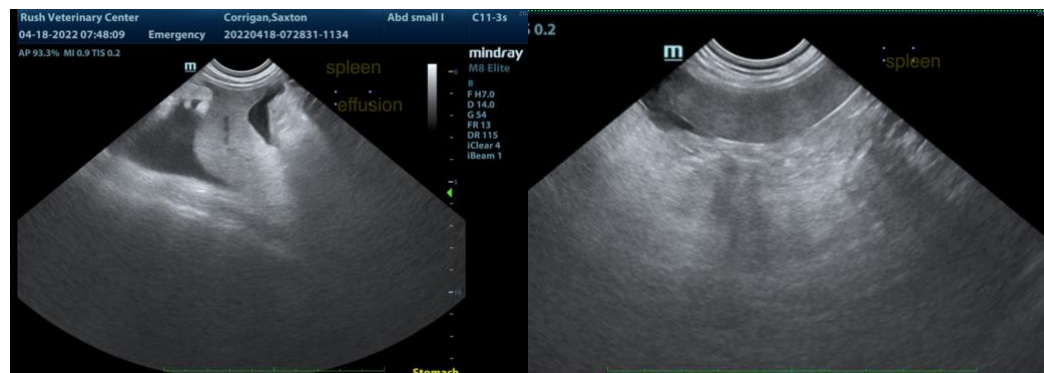


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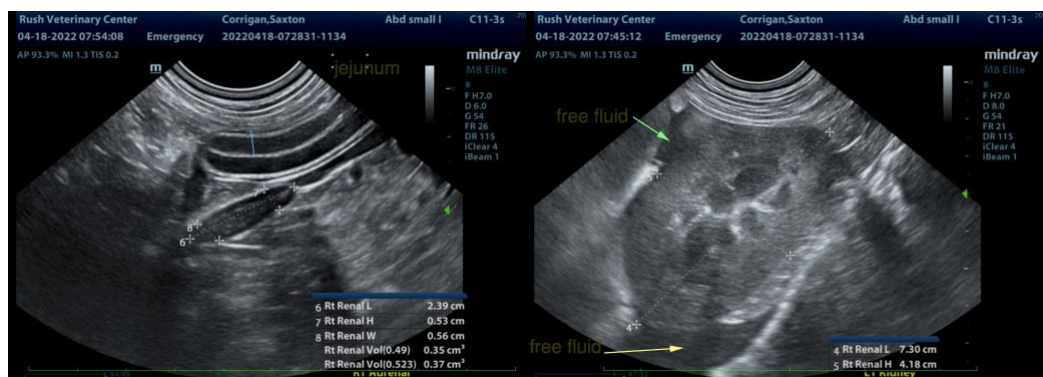
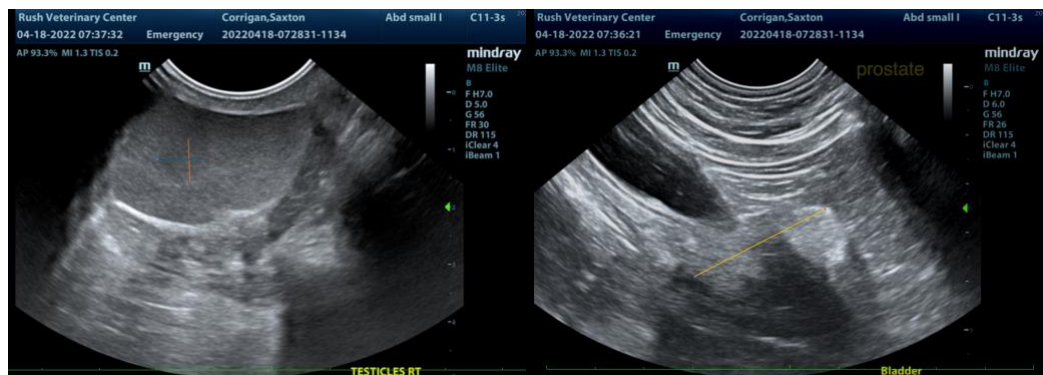
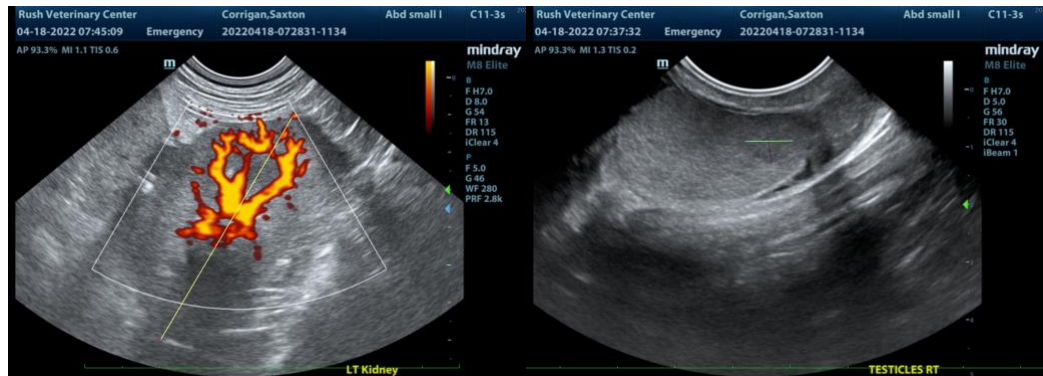
Dr. Taylor Urban

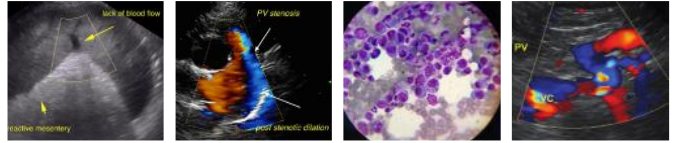
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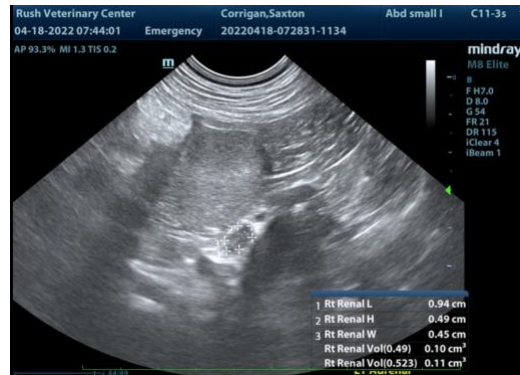
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.