

**PATIENT PRESENTING CLINICAL SIGNS**

Tess Currie Currently on Clavaseptin, Convenia, Baytril, Sq Fluids. Increased urination, now increased thick discharge. Had heat that started Feb 18, 2022.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

BREED

Golden Retriever

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Spayed Female

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 6.6 cm. The right kidney measured 6.3 cm.

AGE

5 Years

**Adrenal Glands**

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.2 cm x 0.52 cm at the caudal pole. The right adrenal gland measured 2.1 cm length x 0.76 cm at the caudal pole.

WEIGHT

59.5 Pounds

**Spleen**

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**Liver**

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. Mild to moderate non-dependent yet non-organized gallbladder debris present. The gallbladder was otherwise normal without evidence of inflammatory wall changes or peripheral inflammation. The common bile duct was normal.

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

The Maples AH

**Gastrointestinal**

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild retained non-shadowing ingesta/chyme.

**REFERRING VET**

Dr. Kazienko

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

**INVOICE**

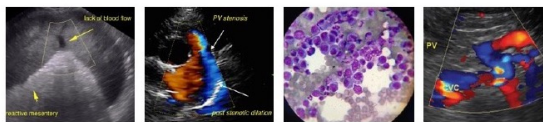
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**Pancreas**

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

**DATE**

3/8/22



**PATIENT** *Other*

Tess Currie The uterus presented diffuse fluid dilation with primarily anechoic fluid and mild cellular debris. The appearance of the uterus is most consistent with pyometra although hydrometra, hematometra or similar presentations are possible.

**SPECIES**

Canine

No overt pathology in the area of the left or right ovaries.

No overt lymphadenopathy or peritoneal effusion was present.

**BREED**

**PRIMARY FINDINGS**

Golden Retriever

- Fluid-distended uterus exhibiting mild fluid cellular component – consistent with pyometra.

**SECONDARY FINDINGS**

**SEX**

- Mild to moderate gallbladder debris – likely incidental assuming no evidence of cholestasis.

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ovariohysterectomy is recommended as soon as possible.

**AGE**

5 Years

**WEIGHT**

59.5 Pounds

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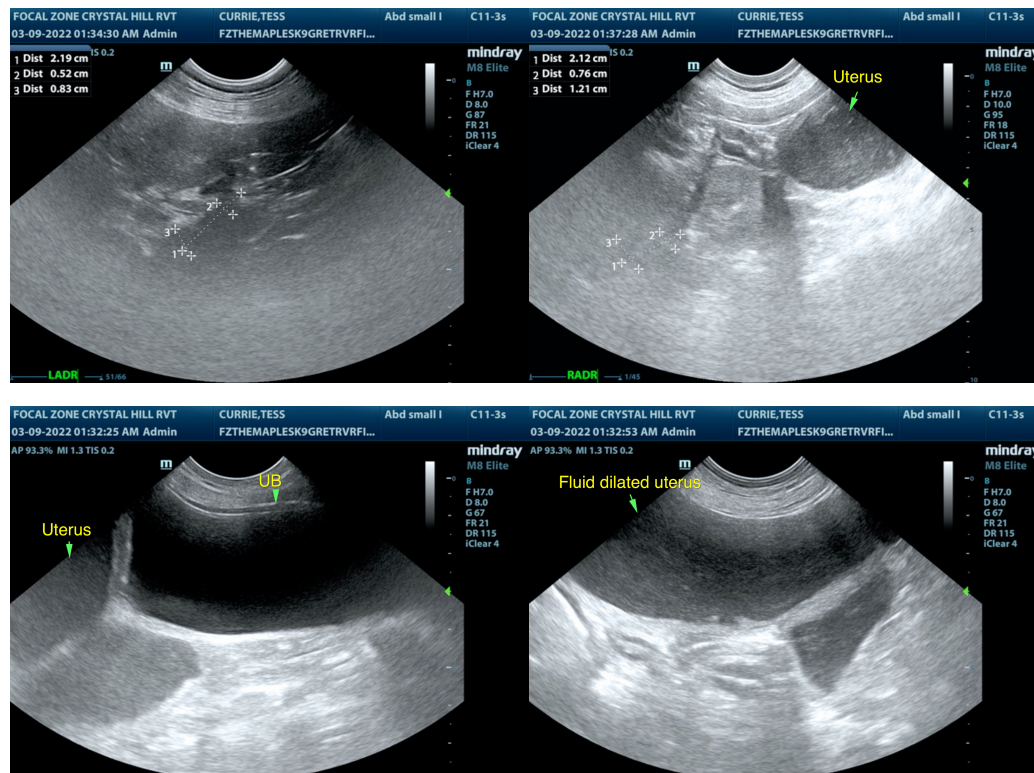
Dr. Kazienko

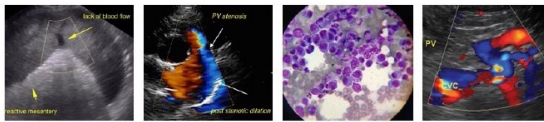
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**DATE**

3/8/22





**PATIENT**

Tess Currie

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Spayed Female

**AGE**

5 Years

**WEIGHT**

59.5 Pounds

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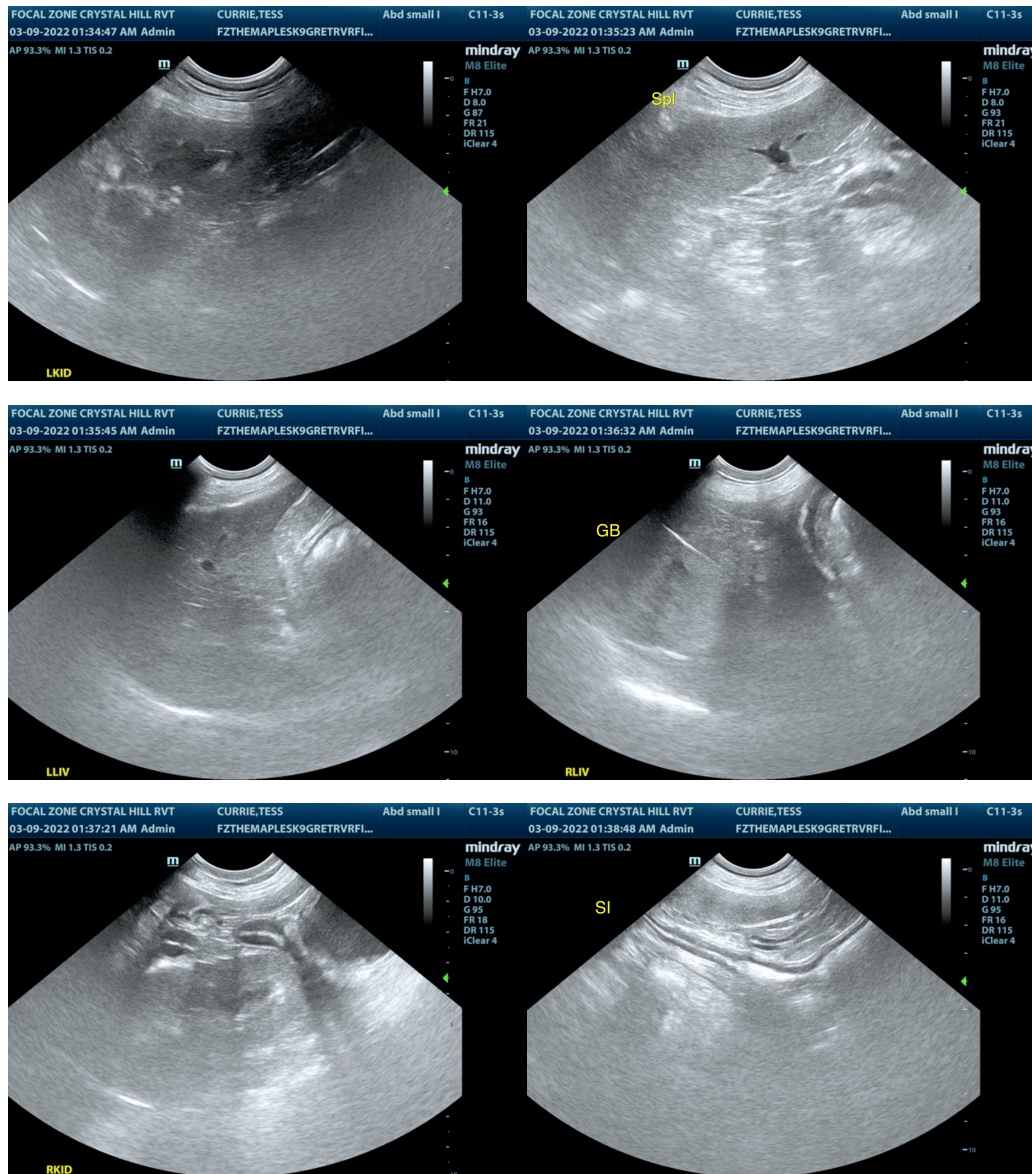
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**DATE**

3/8/22



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.

**R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)**

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