

**PATIENT PRESENTING CLINICAL SIGNS**

Summer French History: Summer is having bloody vaginal discharge progressing despite cefpodoxime and enrofloxacin. Dog was rescued from Korea.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine **Urinary System**

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

**BREED**

Golden Retriever

The left kidney is normal in size (7.41 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. Mild-to-moderate pyelectasia is present (0.31 cm in the longitudinal plane). There is no evidence of nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**SEX**

Intact Female

The right kidney is normal in size (7.76 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**AGE**

12.5.2014

**Adrenal Glands**

The left adrenal gland is normal in size (0.64 cm at cranial pole) (0.64 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**WEIGHT**

75 lbs

The right adrenal gland is in normal size (1.44 cm at cranial pole) (0.62 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM (*Small  
Animal Internal Medicine*)

**Spleen**

The spleen is normal in size (1.95 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

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**Liver**

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

**HOSPITAL NAME**

Trinity Island VC

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

**REFERRING VET**

Dr. Kristi Oldham

**Gastrointestinal**

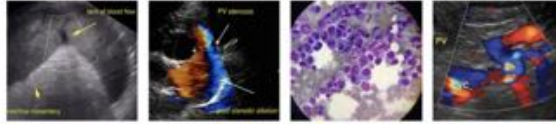
The lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

**INVOICE**

13341

**DATE**

6.15.23



**PATIENT** *Pancreas*

Summer French The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

*Free Abdomen*

**SPECIES** Trace free fluid is observed. The abdominal lymph nodes are normal/not visible.

Canine *Other*

The left ovary is normal in size (1.43 x 0.97 cm). No obvious pathology is observed.

**BREED**

The uterus is diffusely tortuous and distended with slightly echogenic fluid (up to 2.64 cm in diameter). The wall is thickened and irregular throughout most of the horns and uterine body. A small amount of suspended echogenic debris is suspended within fluid within the lumen.

Golden Retriever

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

**Primary Findings**

Intact Female

- Suspected pyometra with probable chronic uterine inflammation/endometritis. Other (less likely) differentials include mucometra and hydrometra.

**AGE**

12.5.2014

- The trace ascites may be secondary to urine inflammation or impending rupture.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

75 lbs

- An emergency ovariohysterectomy is recommended.
- Baseline lab work, including a CBC, chemistry panel, urinalysis and T4, as well as three-view thoracic radiographs are recommended prior to anesthesia.

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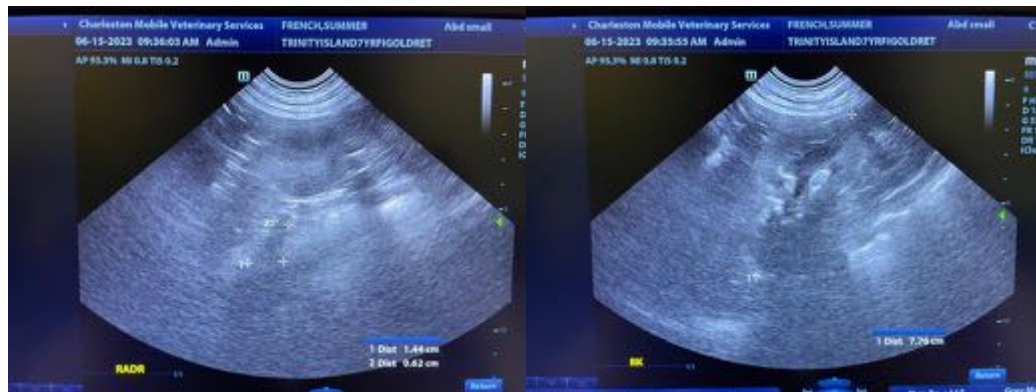
Dr. Kristi Oldham

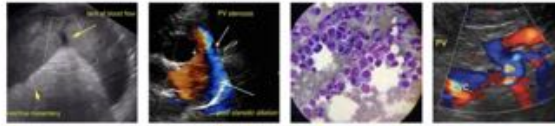
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**PATIENT**

Summer French

**SPECIES**

Canine

**BREED**

Golden Retriever

**SEX**

Intact Female

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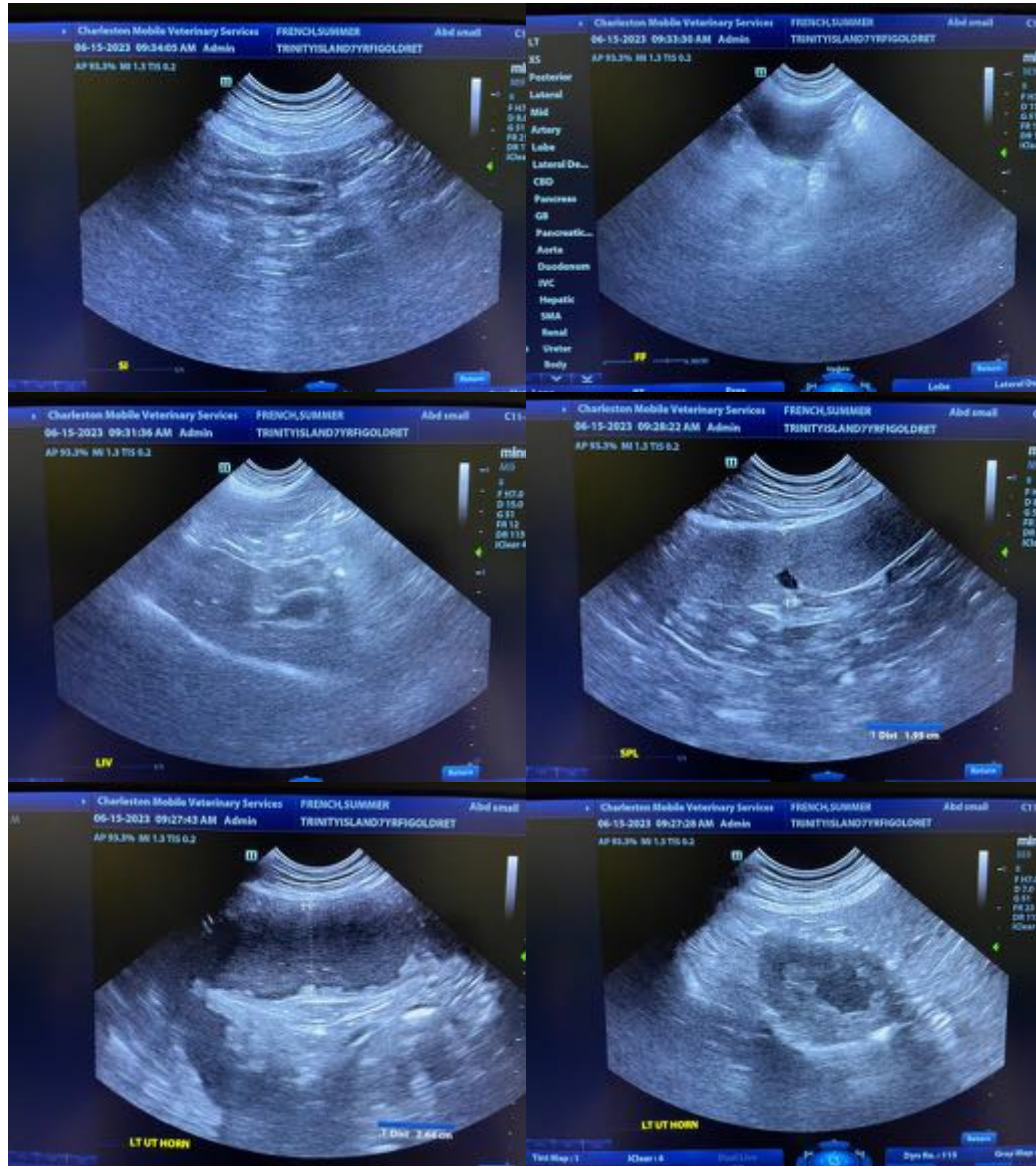
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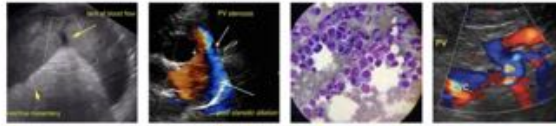
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**PATIENT**

Summer French

**SPECIES**

Canine

**BREED**

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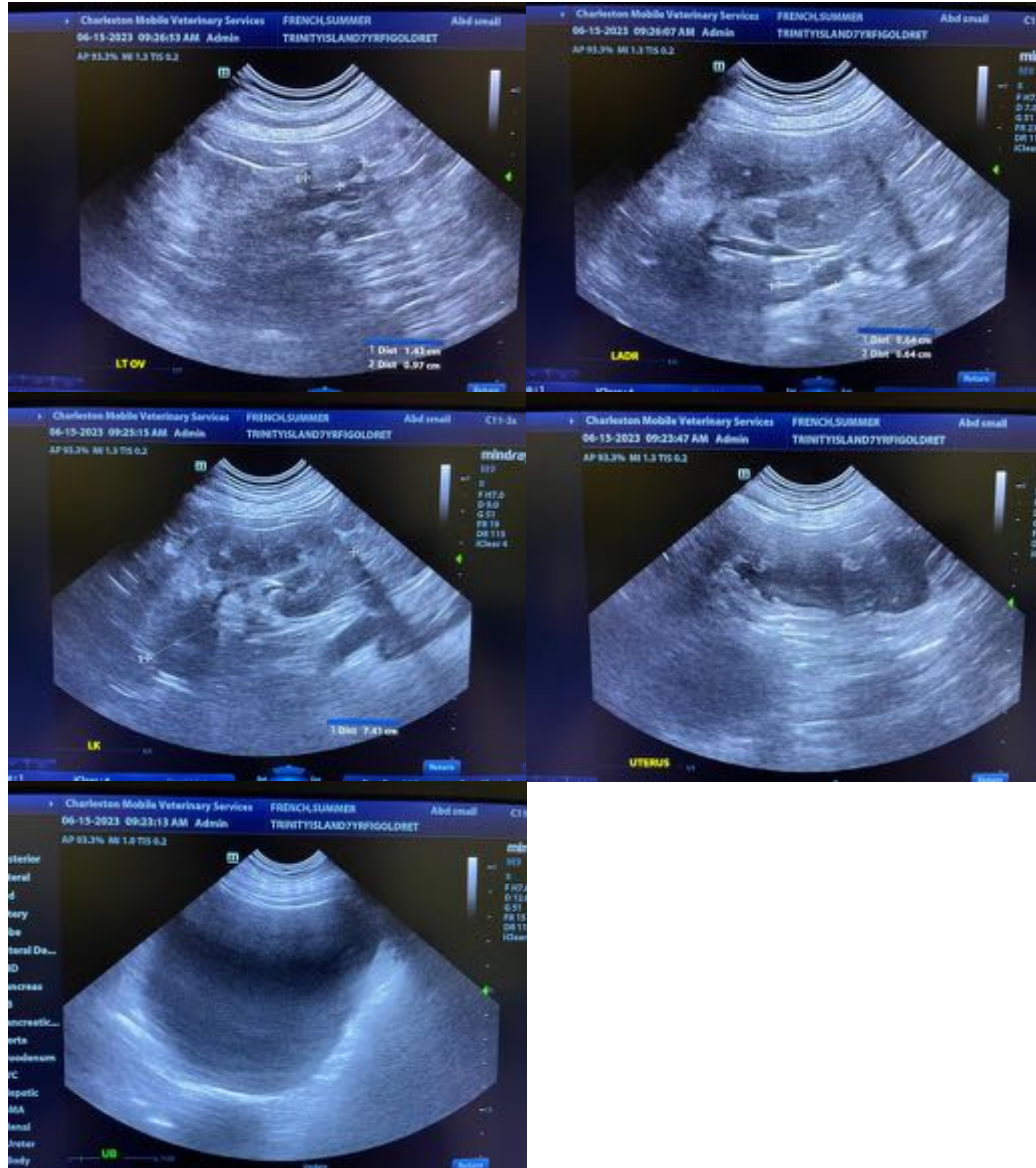
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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