

**PATIENT PRESENTING CLINICAL SIGNS**

Valeria Goad

- - Presented to rDVM for progesterone testing and wellness panel before breeding.
- - was on Doxycycline 100mg SID to treat metritis, but was discontinued as of March 9
- - no clinical signs, well, eating and drinking normal, no fever
- - rDVM has not started any other medications

**SPECIES**

Canine

**BREED**

Abnormal PE/Chem/CBC/UA Results: March 9: ALT (825) and ALKP (561) were elevated - March 11: ALT (unreadable), ALKP (702), GGT (111), Total Bilirubin (20), Cholesterol (12.3), WBCs (17.2) all elevated

**CKCS**

**SEX**

Intact Female

**AGE**

3 Years

**WEIGHT**

16 pounds

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra to a depth of 2.0 cm 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 right ovary was uniform measuring 1.39 cm. The left ovary was cystic measuring 1.73 cm. The uterus was slightly thickened but barren. No evidence of active pregnancy, however, active heat may be the cause of minor thickening. The lumen was empty measuring 1.1 cm in width.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.58 cm in length. The right kidney measured 5.1 cm in length.

**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 left adrenal gland measured 1.63 cm x 0.35 cm width at the caudal pole and 0.38 cm width at the cranial pole. The right adrenal gland measured 2.63 cm x 1.04 cm width at the cranial pole and 0.71 cm width at the caudal pole.

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

**Liver**

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably

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 DABVP(CFM), Cert.  
 IVUSS

**IMAGING PERFORMED BY**

Kelly Reschny

**HOSPITAL NAME**

AH of Stoney Creek

**REFERRING VET**

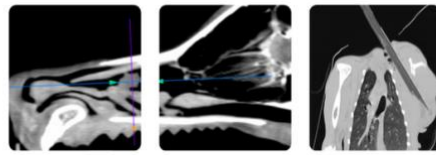
Dr. Settimi

**INVOICE**

14269

**DATE**

03/12/26



**PATIENT** Valeria Goad

**SPECIES** *Gastrointestinal*

Canine

**BREED** *Pancreas*

CKCS

**SEX** Intact Female

**AGE** 3 Years

thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

The **stomach** revealed a shadowing luminal structure measuring 3.5 cm. The small intestine and colon were unremarkable.

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.

**ULTRASONOGRAPHIC FINDINGS**

- Cystic left ovary and thickened uterus.
- Structurally normal liver- acute insult suspected.
- Gastric shadowing structure.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

If the patient was NPO at the time of the sonogram, there is a strong concern for soft foreign matter, yet non-obstructive at the time of the sonogram. Given the liver enzyme elevations, leptospirosis is a strong concern in this patient or other acute insult.

One approach to Leptospirosis testing is to test PCR both in serum and urine given that IgG presence is detected in the serum in early phase (up to 10 days) of infection and in the urine after 14 days. Paired convalescent titers after 2-3 weeks would be ideal. Urine testing is not affected by vaccination status.

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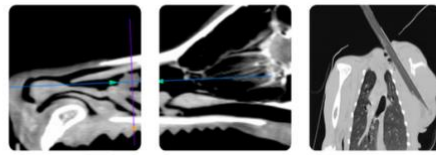
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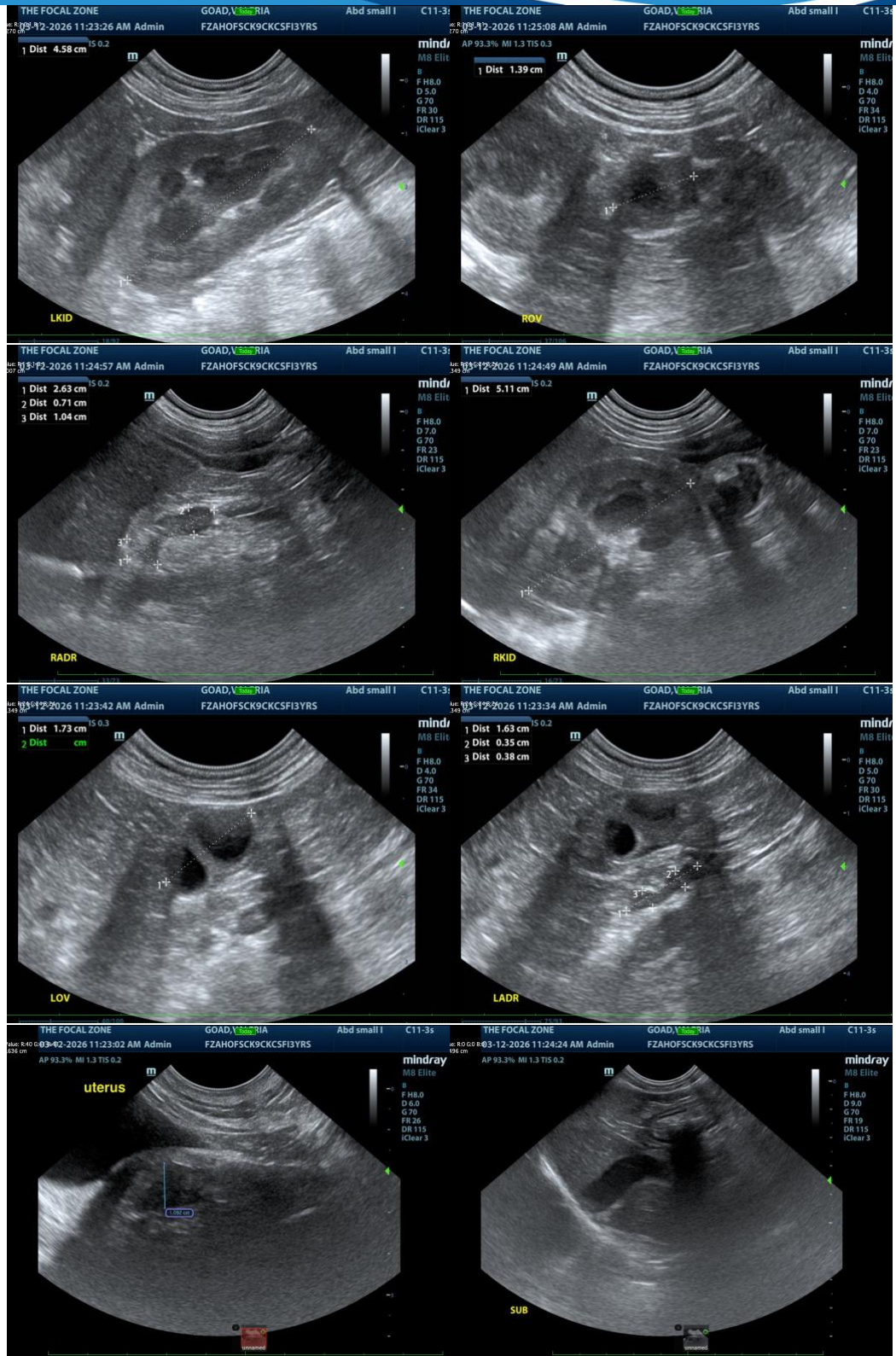
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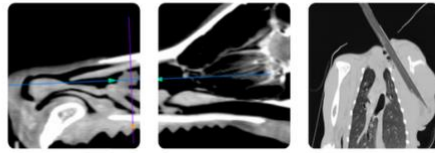
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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