



**PATIENT**

Amelia Zamora

**SPECIES**

Canine

**BREED**

Cavapoo

**SEX**

Spayed Female

**AGE**

6 Years

**WEIGHT**

31.2 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Kelly Vazquez

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

Dr. Hartwick

**INVOICE**

16496

**DATE**

7/6/22

**PRESENTING CLINICAL SIGNS**

History: Patient was seen at VEG 3 days ago for vomiting and struggling to pass stool unproductively x 2 days. Not eating x 24 hrs. Blood work found elevated lipase, given SQ fluids and Cerenia. Presented to Westwood Regional VH on 7/5 for continued straining to pass stool., unproductive except water/liquid, not eating. Radiographs show fecal plug at cranial pelvic inlet. Warm soapy water enema and manual deobstipation; post rads clear. This morning patient continues to posture, not defecating, whimpering, small bloody mucoid liquid passed - restless, did not sleep or eat. Current meds: Metronidazole, Cerenia, famotadine - still not eating so unable to medicate.

Abnormal PE/Chem/CBC/UA Results: CBC: WNL. Chem: K+ 3.4, alb. 4.2, lipase 2507.

**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 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 4.8 cm. The right kidney measured 4.8 cm.

**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 2.12 cm x 0.82 cm at the cranial pole and 0.54 cm at the caudal pole. The left adrenal gland measured 1.65 cm x 0.46 cm at the caudal pole and 0.51 cm at the cranial 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 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.



**PATIENT**

**Gastrointestinal**

Amelia Zamora

The **stomach** itself was unremarkable. The colon was mildly thickened without loss of mural detail. Some reactive mesentery was present.

**SPECIES**

**Pancreas**

Canine

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.

**BREED**

Cavapoo

**Free Abdomen**

**SEX**

Spayed Female

Free fluid was noted in the **abdomen**. The minor free fluid appeared to be in the sublumber space and caudal abdomen with reactive mesentery in the pelvis.

**ULTRASONOGRAPHIC FINDINGS**

- Undefined colitis pattern with free fluid and reactive mesentery in the pelvis

**AGE**

6 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

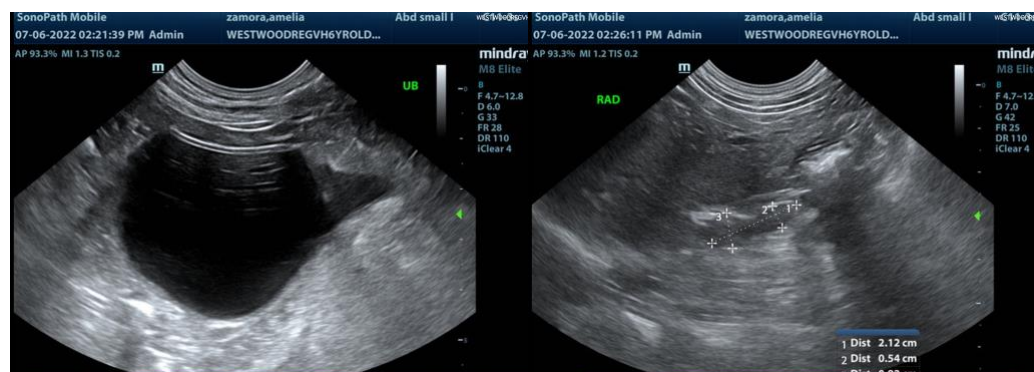
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CT of the pelvis would be recommended in this patient. The free fluid is minor and the cause is unclear, however, ultrasound guided abdominocentesis is recommended with cytopspin to assess the characteristics of the fluid. Diagnosis is open. Pelvic inflammation colitis pattern. Supportive care is warranted. The patient may have passed foreign matter or may have persistent obstructive disease in the pelvis.

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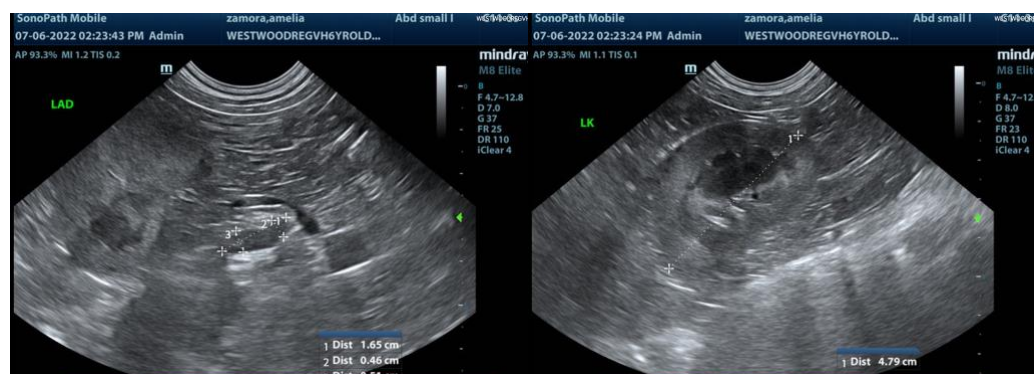


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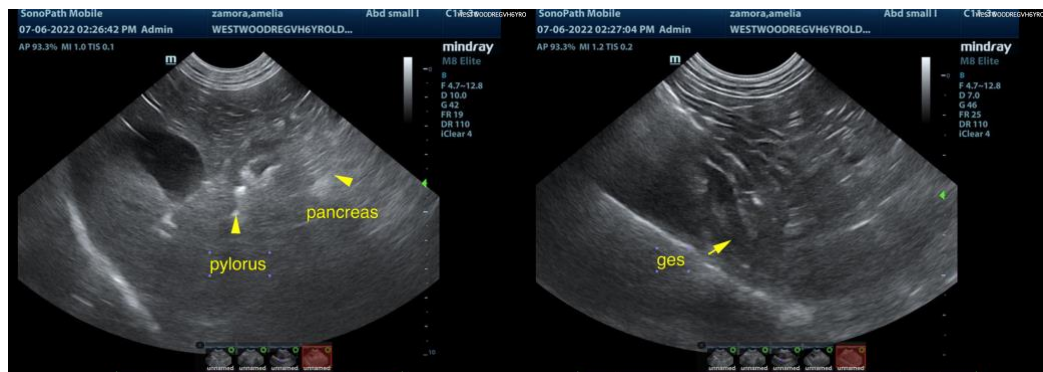
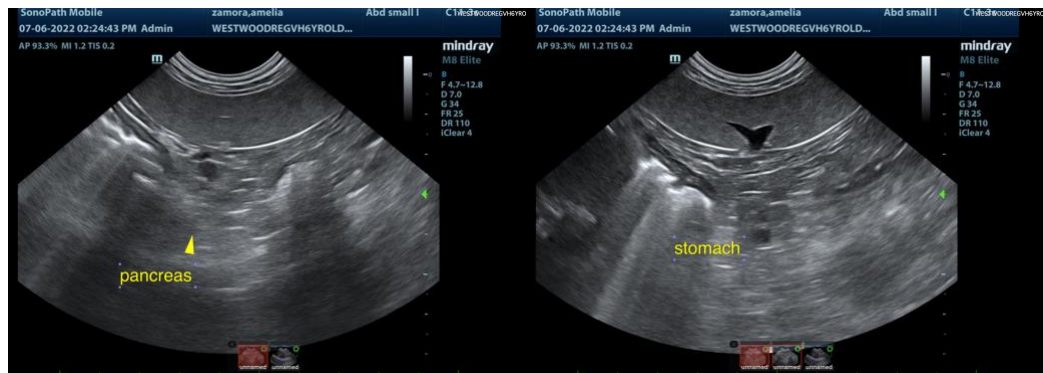
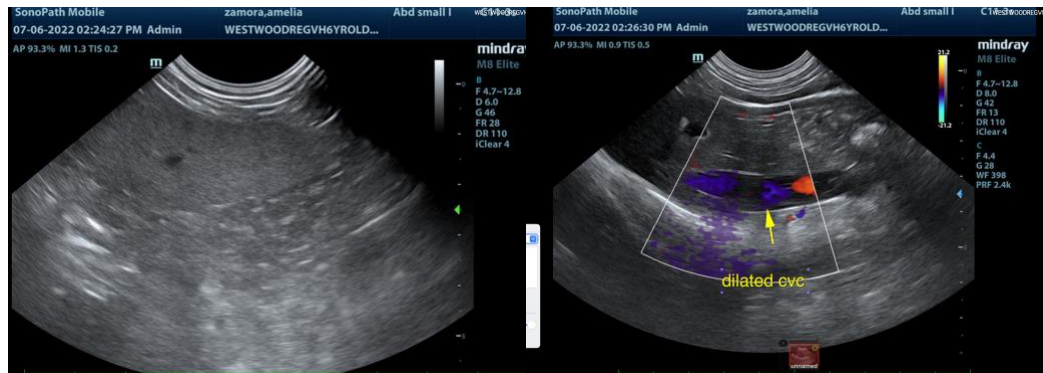
Dr. Hartwick

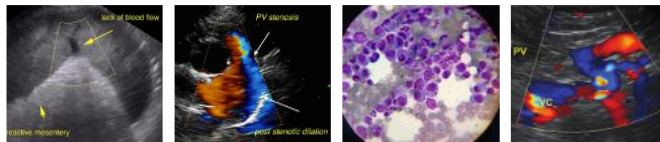
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
info@SonoPath.com