



PATIENT

Ava Lovejoy

SPECIES

Canine

BREED

GSP

SEX

Intact Female

AGE

2 Years

WEIGHT

29.0 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Brittany Gardner

HOSPITAL NAME

Wilvet Salem

REFERRING VET

Dr. Brittany Gardner

INVOICE

16949

DATE

8/20/22

PRESENTING CLINICAL SIGNS

History: Patient found a bone in yard 9am friday morning 8/19, 2pm fine, 7pm o came home to mess in house. Acute onset vomiting and diarrhea progressed to bloody stool. Patient seems to be lethargic and painful in abdomen. Heart rate and rhythm regular. Eupneic. Uncomfortable on abdominal palpation. Has bright red diarrhea present on tail could be from feces or could be from heat cycle as patient does have swollen vulvar region. Able to ambulate all four limbs not seeing limping that was reported by owner able to do range of motion and was not uncomfortable. Appears neurologically appropriate at this time.

Abnormal PE/Chem/CBC/UA Results: Vomiting Hematochezia Abdominal Pain CBC - HCT 67.7%*, WBC 12.4, Neut 10.9, PLT 333k Chem 17 - Glu 102, Creat 1.4, BUN 35*, Phos 1.7*, Ca 11.7, TP 8.5*, ALB 3.8, Glob 4.7*, ALT 106, ALP 65, GGT 3, Tbili 0.3, Chol 252 UA - USG 1049, very yellow, very cloudy, pH 7, pro trace, glu neg, ket 1+, blood neg, bili neg, WBC 1/hpf, RBC 1/hpf, no bacteria, no squamous, 1/hpf non squamous, no casts, no crystals

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed minor apical dorsal bladder wall polypoid changes yet minimal amount of urine was present at the time of the sonogram. Urinary work up is warranted, if not already performed.

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 6.0 cm. The right kidney measured 6.5 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 left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.6 cm.

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. Cranial and caudal folding of the spleen was noted yet uniform.

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.



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Gastrointestinal

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Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. A large amount of gastric stasis was noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

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Pancreas

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

- Gastroenteritis

AGE

2 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of foreign body or overt obstruction yet spastic bowel was present. Plasma expanders, treatment for enterotoxins and parasites are indicated. I recommend a fresh fecal smear and fecal floatation analysis. Recheck sonogram if the patient is not responding over the next 24-48 hours.

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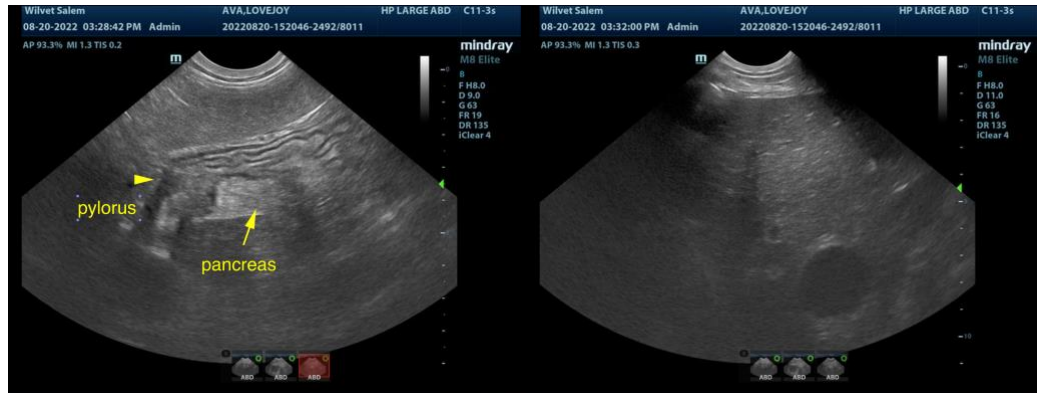
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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