



PATIENT PRESENTING CLINICAL SIGNS

Bunny Rowland

Initially Presented 2/18 for hematemesis, hematochezia 24hr. Suspect HGE, gastroenteritis. Abdominal radiographs The soft tissue content in the stomach is non-specific and may represent food or foreign material. The appearance of the gastrointestinal tract is most consistent with non-specific gastroenterocolitis. There is no current evidence of gastrointestinal mechanical obstruction; however, an intermittent or partial mechanical obstruction may not be radiographically apparent. Underlying systemic disease is not ruled out. Parvo snap - negative CBC = HCT 64%, no stress leukogram. chem17 = low ALP <10 (nsf), tbili 1.4, lipase 1974. all other wnl. Crea 0.9, BUN 24, ALT 107, GGT 9 EPOC = lactate 3.55, iCa 1.53, Glu 127. lytes wnl. K 4.3, Na 146 cPL snap = normal fecal negative Responded to symptomatic / medical management and discharged 24 hours later on Sucralfate, metronidazole, fortiflora, omeprazole and cerenia
Abnormal PE/Chem/CBC/UA Results: Returned today for recurrence of gelatinous bloody diarrhea after completion of metronidazole. Exam NSF other than hematochezia Blood gas normal. Baseline cortisol level pending

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

1 years

WEIGHT

19.2 lbs

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 was noted. Ureteral papillae were normal.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 right kidney measured 3.8 cm. The left kidney measured 4.01 cm.

IMAGING PERFORMED BY

Kalenius

Adrenal Glands

HOSPITAL NAME

Willamette VH

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 0.8 cm at the cranial pole and 0.4 cm at the caudal pole. The left adrenal gland measured 2.03 x 0.4 cm at the cranial pole and 0.38 cm at the caudal pole.

REFERRING VET

Dr. Cohen

Spleen

INVOICE

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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 was noted.

DATE

2/28/22



PATIENT *Liver*

Bunny Rowland

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

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid 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.

AGE

1 years

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.

WEIGHT

19.2 lbs

ULTRASONOGRAPHIC FINDINGS

Non-specific gastroenteritis pattern.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care should prove effective. If the bilirubin elevation is not artifactual and repeatable then FNA of the liver would be warranted along with Leptospirosis titers. However, structurally the liver appears unremarkable.

IMAGING PERFORMED BY

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REFERRING VET

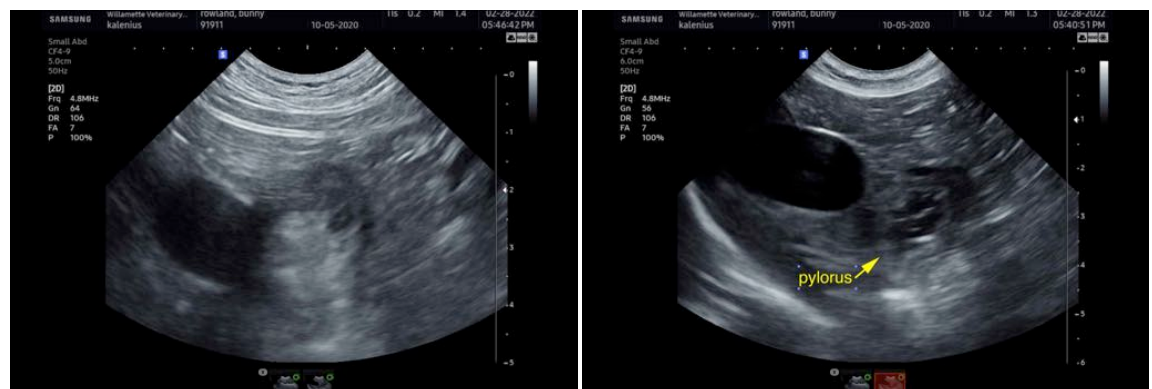
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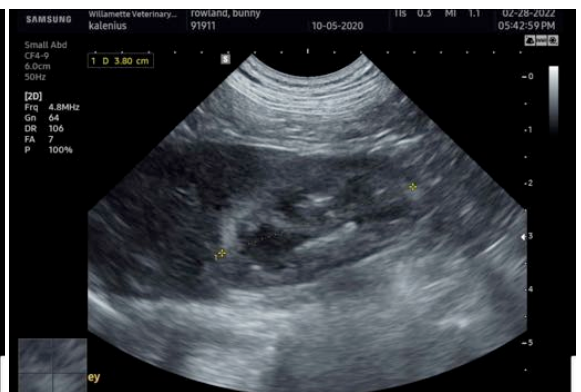
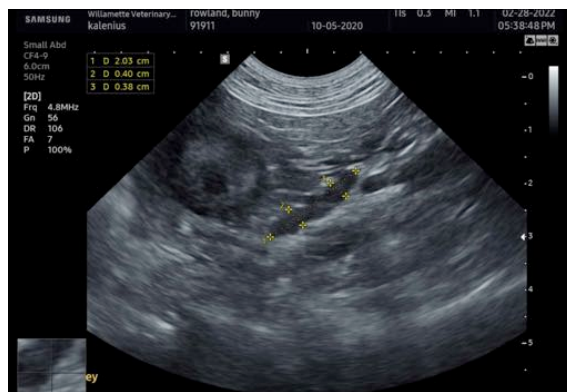
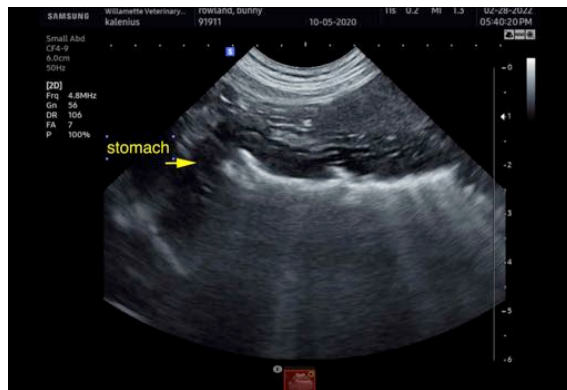
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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



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info@SonoPath.com

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