

PATIENT PRESENTING CLINICAL SIGNS

Fitz Coombe History: - acute hemorrhagic diarrhea. - acute vomiting developed into hemorrhagic - anorexia, lethargy - abdominal discomfort, dehydration - Hx intermittent diarrhea, hyporexia (picky eating as per O), and had giardia when puppy

SPECIES Abnormal PE/Chem/CBC/UA Results: - mild elevated neutrophilia with left shift - mild hyperglycemia - high normal HCT (60%) - hypokalemia - pending cortisol and pending OP+G (at lab) - cPL normal - PT/PTT normal. rads: ABDOMINAL RADIOGRAPHS June 14, 2022: 3 views are included. FINDINGS: The upper GI tract appears empty aside from a mild amount of gas in the stomach, there are no signs of GI distention or intestinal plication. The large intestine is also empty aside from scant gas. There are no radiopaque GI foreign bodies. No masses or signs of organomegaly are seen. The liver and spleen and kidneys and urinary bladder appear to be within normal limits. There is good abdominal detail with no evidence of peritoneal effusion. The included thorax and skeletal structures are unremarkable. CONCLUSIONS: Unremarkable abdomen with no evidence of GI foreign bodies or obstruction. A cause for the GI signs is not evident from this exam. The appearance of the GI tract would be supportive of hemorrhagic gastroenteritis. Pancreatitis, toxicity, or coagulopathy should be considered as differentials.

Canine

BREED Sheepadoodle

SEX Intact male

AGE ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

3 years **Urinary System**

Urinary bladder is moderately distended with anechoic contents. It has normal uniform wall thickness (< 0.2 cm). No masses or cystoliths are observed.

WEIGHT

15 kg

Prostate is normal in size for an intact male. It has a normal homogenous echotexture and is hyperechoic in echogenicity, normal for intact male.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Left kidney is normal in size (5.83 cm), shape and echogenicity. It has smooth peripheral margination and appropriate corticomedullary distinction. There is no pyelectasia noted. No mineral is observed.

Right kidney is normal in size (5.29 cm), shape and echogenicity. It has smooth peripheral margination and appropriate corticomedullary distinction. There is no pyelectasia noted. No mineral is observed.

IMAGING PERFORMED BY

Kelly Reshny, RVT

Adrenal Glands

Left adrenal gland is normal in size (1.71 cm long, 0.44 cm at cranial pole and 0.48 cm at caudal pole), shape and contour. Corticomedullary structure is unremarkable.

HOSPITAL NAME

Hamilton Region VEC

Right adrenal gland is normal in size (1.42 cm long, 1.07 cm at cranial pole and 0.58 cm at caudal pole), shape and contour. Corticomedullary structure is unremarkable.

REFERRING VET

Dr. Vercaigne

Spleen

Spleen is subjectively normal in size with normal smooth margins. Parenchyma is normal in echogenicity and echotexture. No focal nodules or masses are observed. Splenic vasculature appears normal.

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Liver

Liver is subjectively normal in size. Margins are sharp and smooth. It has normal homogenous echotexture and normal echogenicity. No focal lesions are observed. Visible vasculature appears



PATIENT

normal. Gallbladder is mildly distended with anechoic contents. The wall is smooth without visible thickening. There is no evidence of common bile duct dilation.

Fitz Coombe

SPECIES

Gastrointestinal

Canine

Fundic mucosal hypertrophy with hyperechoic mucosa and some mucosal remodeling is noted. There is no loss of mural detail. Layering is normal. There is mild luminal fluid accumulation. No evidence of masses/nodules or foreign material present.

BREED

Sheepadoodle

The small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). There are no luminal contents noted within small intestines.

SEX

Colon is normal in wall thickness (< 0.2 cm) and layering.

Intact male

Pancreas

AGE

Pancreas has normal homogenous echotexture and is normal in echogenicity and smooth margination. There is no evidence of peripancreatic inflammation.

3 years

WEIGHT

Free Abdomen

15 kg

Lymph nodes are normal with no observed enlargement. No free fluid was noted.

The testicles were not visualized in this study.

INTERPRETED BY

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DACVIM

ULTRASONOGRAPHIC FINDINGS

Gastritis – Microulceration cannot be ruled out.

IMAGING PERFORMED BY

Kelly Reshny, RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

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Top differential is gastritis/hemorrhagic gastroenteritis. Parasitic disease can be considered as well as dietary indiscretion if there is any history of that or toxin ingestion.

REFERRING VET

Dr. Vercaigne

Recommendations include:

- Reportedly pending baseline cortisol and if the baseline cortisol is <2, then a full follow-up ACTH stimulation test is recommended.
- If not already evaluated a fecal PCR enteropathogen panel to Texas A&M GI laboratory is recommended.
- In the meantime, empirical deworming with a 5 day course of Panacur as well as medical support of possible gastroenteritis with fluid therapy, antiemetics, gastroprotectants and well as an antibiotic like Metronidazole or Tylosin given the reported hematochezia.

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SPECIES

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Intact male

AGE

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WEIGHT

15 kg

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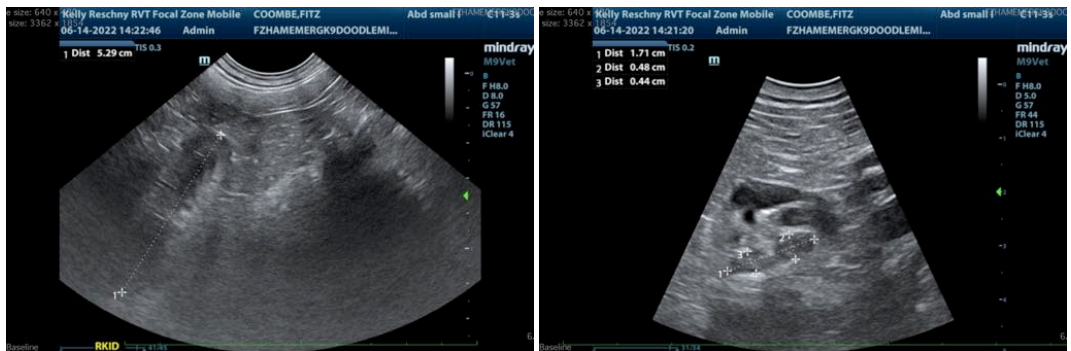
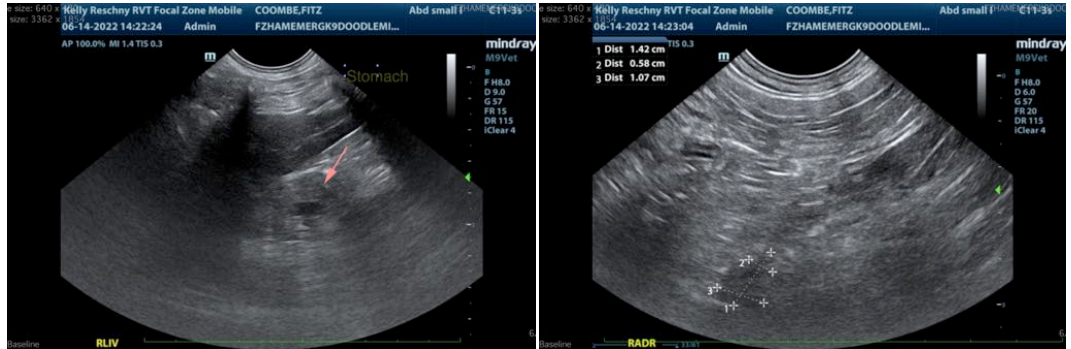
Dr. Vercaigne

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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.

Beth Johnson, DVM DACVIM

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