

PATIENT

Monty Bloxham

SPECIES

Canine

BREED

French Bulldog

SEX

Neutered male

AGE

6 years

WEIGHT

13.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Crystal Hill, RVT

HOSPITAL NAME

Hillview VC

REFERRING VET

Dr. Stevenson

INVOICE

44055

DATE

4/27/23

PRESENTING CLINICAL SIGNS

History: This owner only acquired him recently and he is new to our clinic. Has always had diarrhea since first obtained him. Seems to improve somewhat on Tylosin. Owner switched to Hypoallergenic diet and he almost seems worse. BM comes out in small streams and squirts, soft and gets softer as the day progresses, Last weekend vomited up a sock. Good appetite. Rectum and ventral tail red and inflamed, infected under tail base. Suggest bloodwork, was done today but results not back yet. Did have DNA comp done at previous clinic and came back positive for Clostridium. Metronidazole was not helpful. Has been on Tylosin 200mg BID and Surolan.

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.

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 4.85 cm. The right kidney measured 5.35 cm.

Adrenal Glands

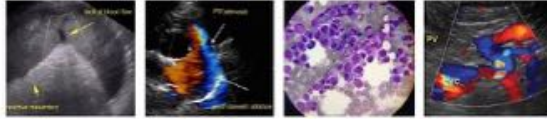
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 2.14 x 0.67 cm at the caudal pole and 1.16 cm at the cranial pole. The left adrenal gland measured 2.09 x 0.46 cm at the caudal pole and 0.73 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 was noted.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Lobar biliary mineralization was noted and was non-obstructive. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology



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was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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Gastrointestinal

There was retention of ingesta noted in the stomach, some of which was shadowing and measured 3.5 cm. Areas of mucosal fogging were noted in the small intestine. Soft stool was noted in the colon. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted. Some reactive mesentery was noted along the GI tract as well.

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Pancreas

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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.

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ULTRASONOGRAPHIC FINDINGS

WEIGHT

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Soft shadowing gastric material, possible foreign matter depending on when the patient ate prior to the sonogram.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

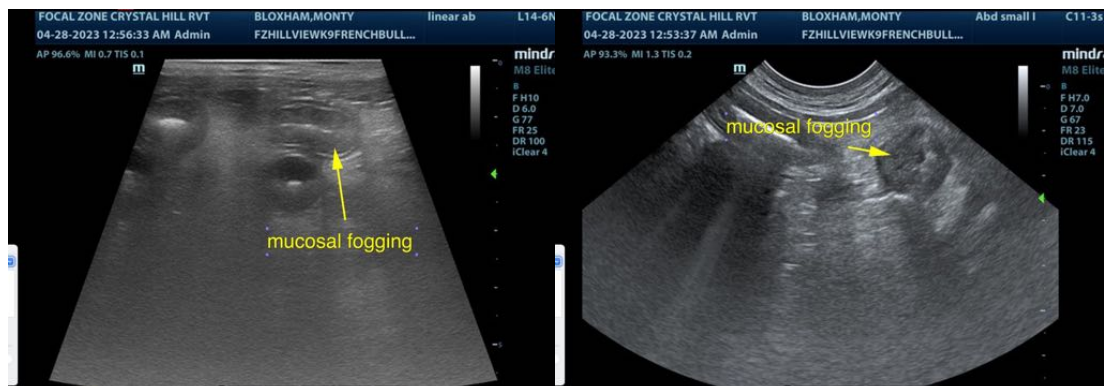
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There are two separate issues in this patient intrinsic GI structural pathology demonstrating mucosal striations suggestive for lymphangectasia, shadowing 3.0 cm structure suspected to be a foreign body depending on what the patient ate prior to the sonogram. Long term management with Purina HA or Royal Canin HP diet is likely in the patient's best interest. However, if foreign body is confirmed then a recheck sonogram is recommended on full n.p.o. status followed by GI biopsies with evacuation of the 3.0 cm structure in the stomach would be indicated.

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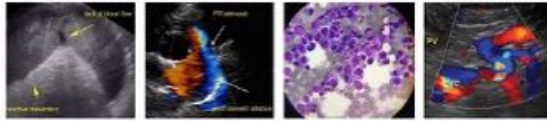
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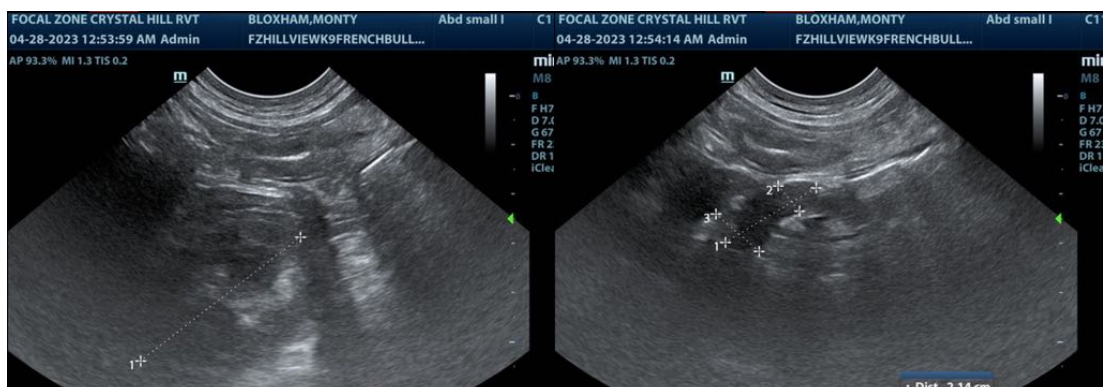
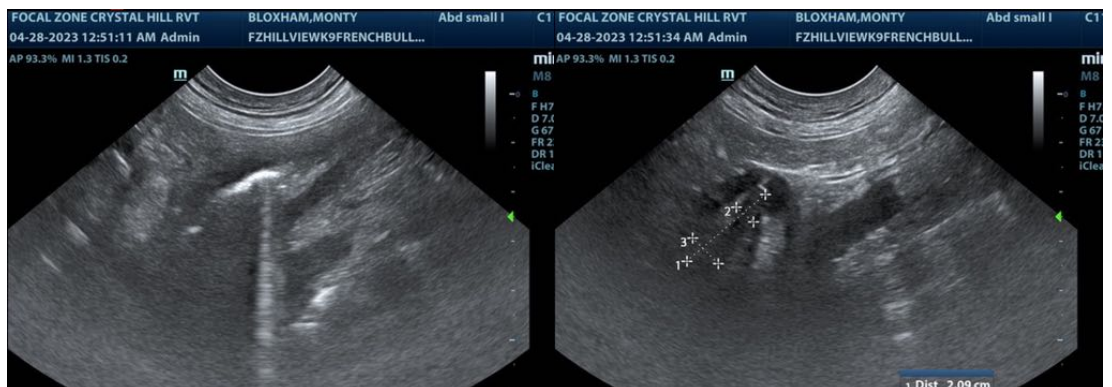
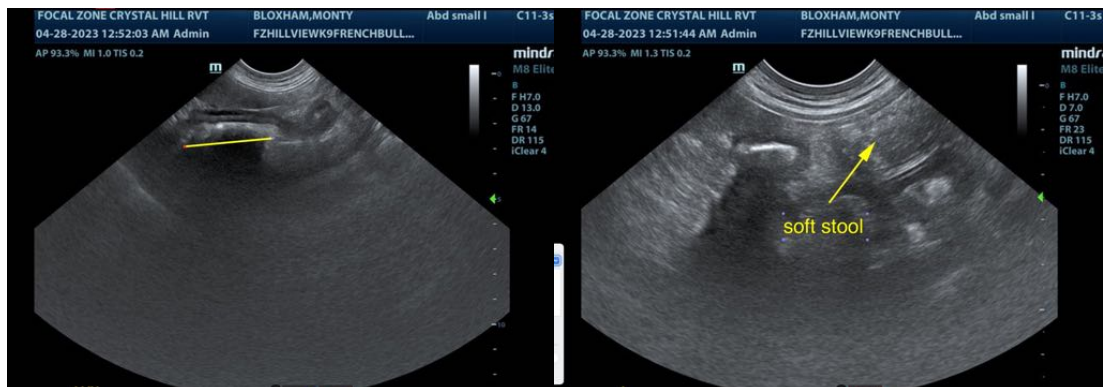
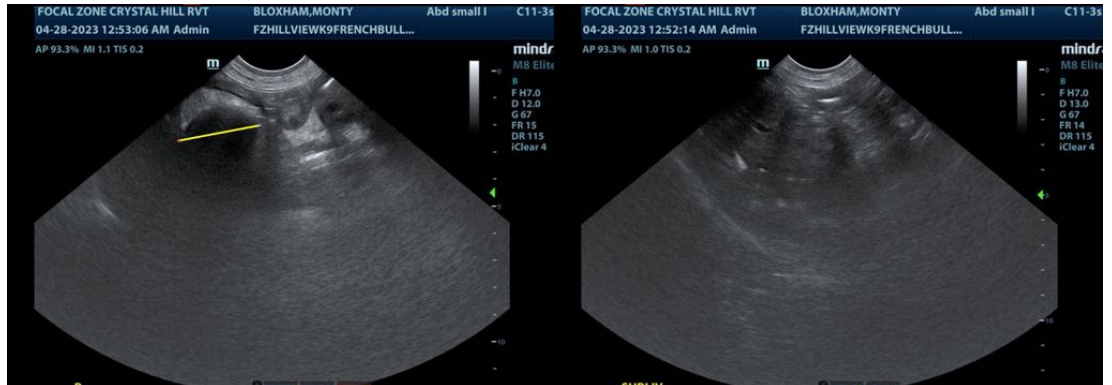
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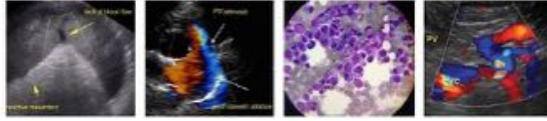
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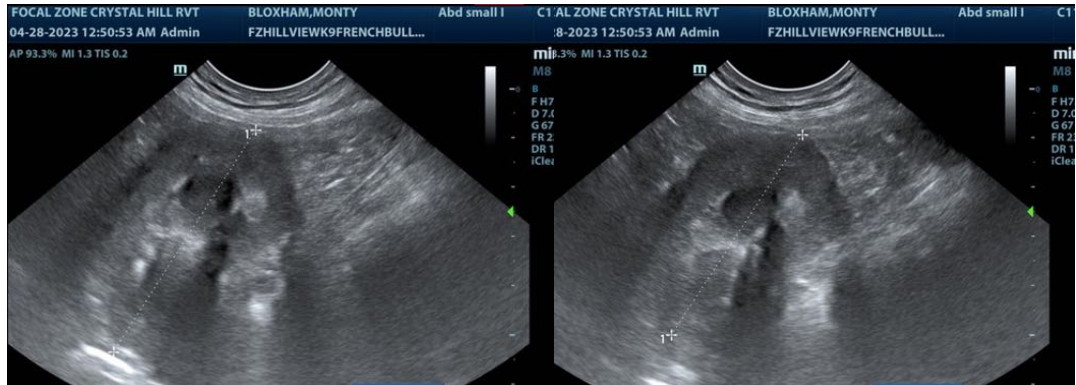
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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