



PATIENT

Pepper Westerfield

SPECIES

Canine

BREED

Italian Greyhound

SEX

Spayed female

AGE

6 years

WEIGHT

18 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Gotfredson

HOSPITAL NAME

Buffalo VC

REFERRING VET

Dr. Bessler

INVOICE

42790

DATE

11/29/22

PRESENTING CLINICAL SIGNS

History: 11/16/22: Diarrhea with some blood and vomited food up her breakfast this morning and then has vomited bile 4 times since. Color pink, CRT 2 sec. LN normal. H/L normal. Abdomen palpates normal and not tender. cPI normal CBC normal, HCT at high end Chem normal Rads show circular opacity in ventral stomach area on lateral view but do not appreciate on VD view. Tx. 125 mg metronidazole BID x 5, forti-flora SID x 7 and 0.8 cc cerenia If not better return for rads to see if opacity is still present. 11/28/22: energy is back to normal and vomiting stopped until Thursday of last week and then she vomited up undigested food of about 3 meals worth. Then they started giving more pureed food and she has kept that down. Diarrhea got better but not normal formed stool and then yesterday started back with liquid diarrhea. Has lost a pound in last 2 weeks. Color pink, CRT 2 sec. abdomen not tender. Rads did not see the opacity in pylorus area of stomach, but intestinal walls look thicker. Tx. EN food, 1 tablespoon metamucil daily and 1 tablet propectin q 8 hours. Return for abdominal ultrasound tomorrow.

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight mineralization was noted in both kidneys. The right kidney measured 4.0 cm.

Adrenal Glands

The region of the **adrenal glands** were imaged with no evidence of pathology.

Spleen

The **spleen** revealed hyperechoic nodular changes. This is consistent with lipogranulomas.

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. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. 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 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

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A minor amount of non-shadowing, non-obstructive ingesta was noted in the stomach. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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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.

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Spayed female

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

AGE

6 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Occult parasitism and dietary indiscretion are both possible, yet there was no evidence of foreign bodies. Diet change to a hydrolyzed diet may be in the patient's best interest. Broad spectrum anti-parasitic protocol and fecal exam are all warranted.

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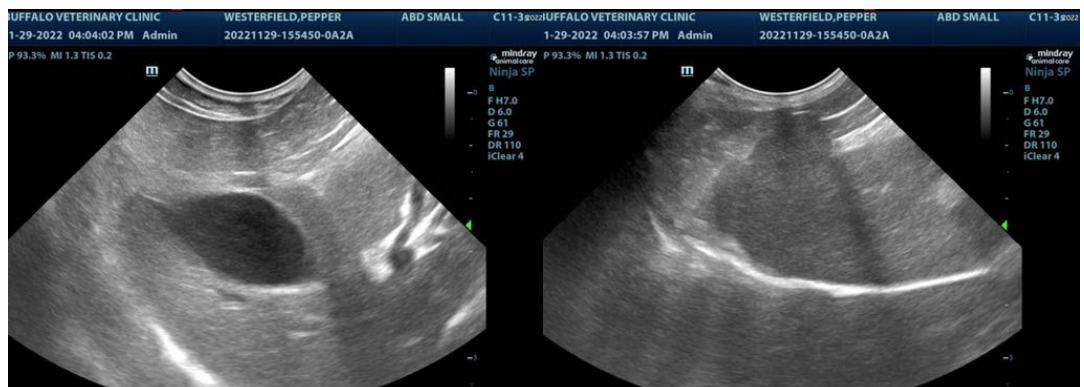
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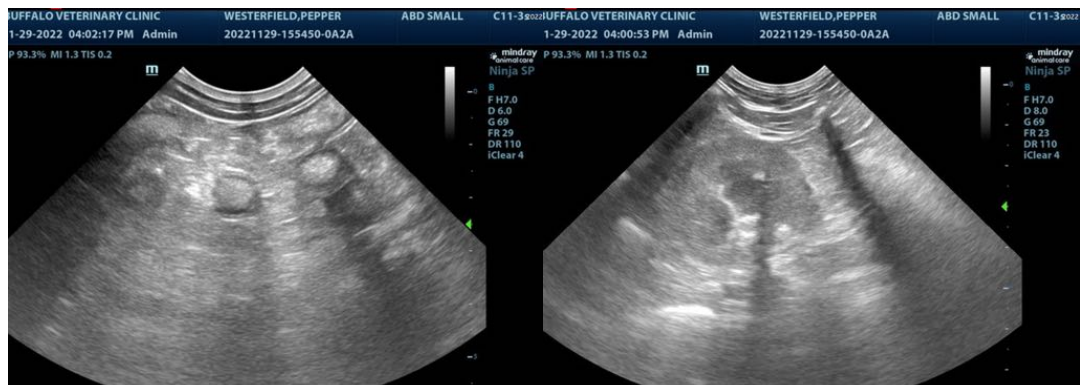
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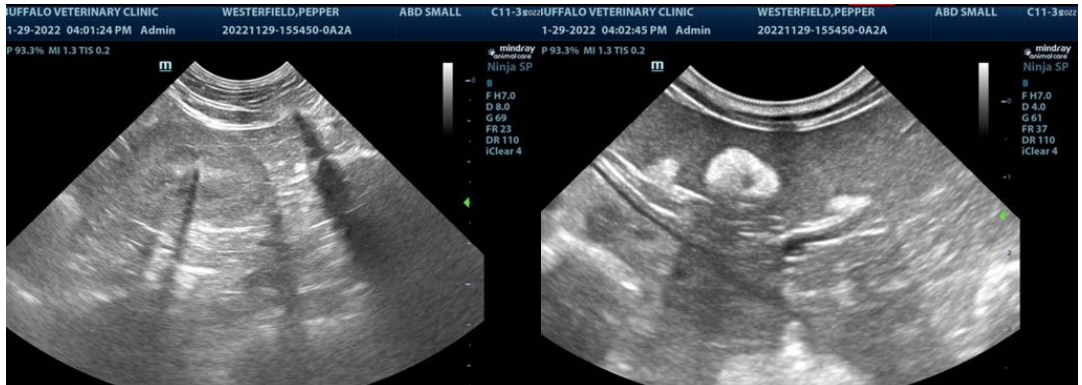
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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