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DATE

9/30/22

PATIENT

Murphy McFadden

SPECIES

Canine

BREED

Spaniel X

SEX

Intact Male

AGE

4/15/22

WEIGHT

9.3 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Andi Parkinson RDMS

HOSPITAL NAME

Hickory Vet Hospital

REFERRING VET

Dr. Silcox

INVOICE

41820

PRESENTING CLINICAL SIGNS

Intermittent vomiting for 4 weeks or so. Will vomit no more than once a day. Usually, several hours after a meal and include some food. Responds to oral cerenia, but when owner discontinues cerenia, vomiting comes back. No diarrhea. Otherwise, BAR happy, tail wagging dog. PE - gaining weight and growing appropriately. NSF on abdominal palpation - non-painful with no abnormalities felt. Abdominal radiographs (non-fasted) on 2 separate occasions show some ingesta with some radiodense material that has the appearance of deciduous teeth. No obstructive pattern or GI FB seen. Normal CBC and chemistries with a negative fecal on 9/13/2022.

Current Medications: 16mg Cerenia x 8 days, Finished 9/25 and vomited 9/26. 10mg Omeprazole - current. Date of Previous IntraPet Ultrasound: No previous. Sedation: Not required to complete full diagnostic ultrasound. Stat Report: Not requested.

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 were noted. Ureteral papillae were normal.

The **kidneys** presented normal size and contour. However, slight nebulous corticomedullary rim noted. The left kidney measured 3.67 cm. The right kidney measured 3.67 cm. Slight pinpoint mineralizations noted.

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 1.68 cm x 0.43 cm at the cranial pole and 0.41 cm at the caudal 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 were noted.

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.

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. Trace amount of chyme noted in the **pyloric** outflow with minor mucosal hypertrophy. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with

response to irritation. The colon was unremarkable. Reactive mesenteric lymph nodes noted up to 1.45 cm. Minor excessive GI gas noted.

Pancreas

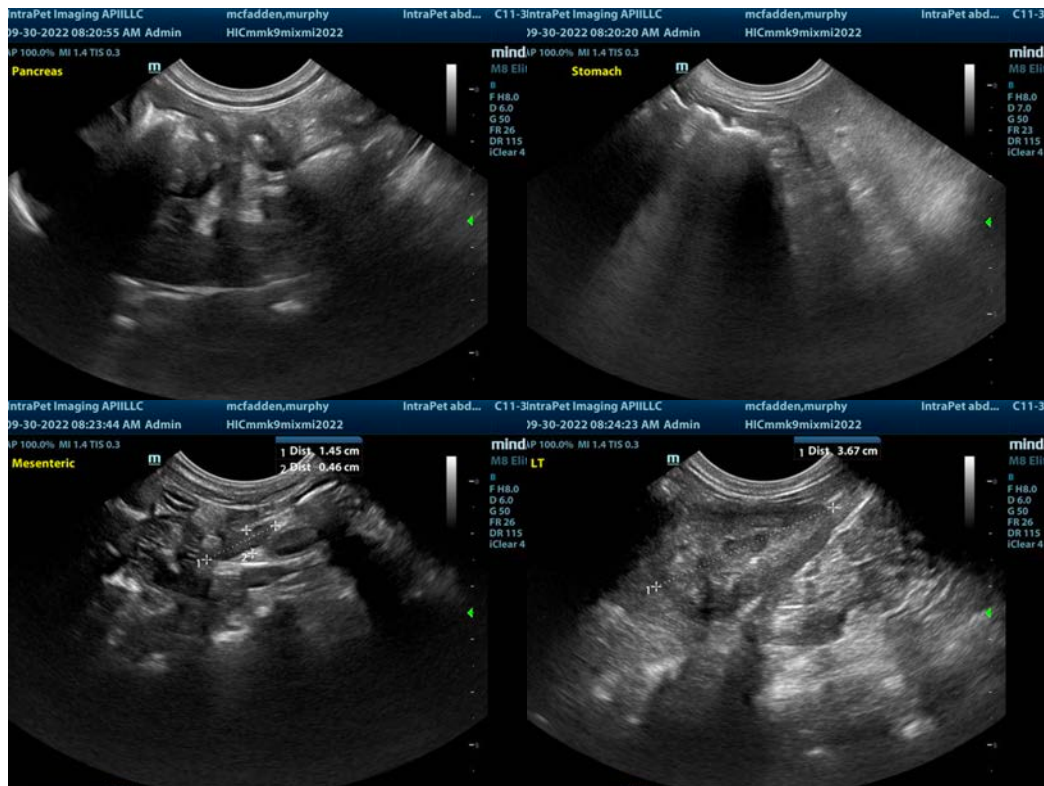
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

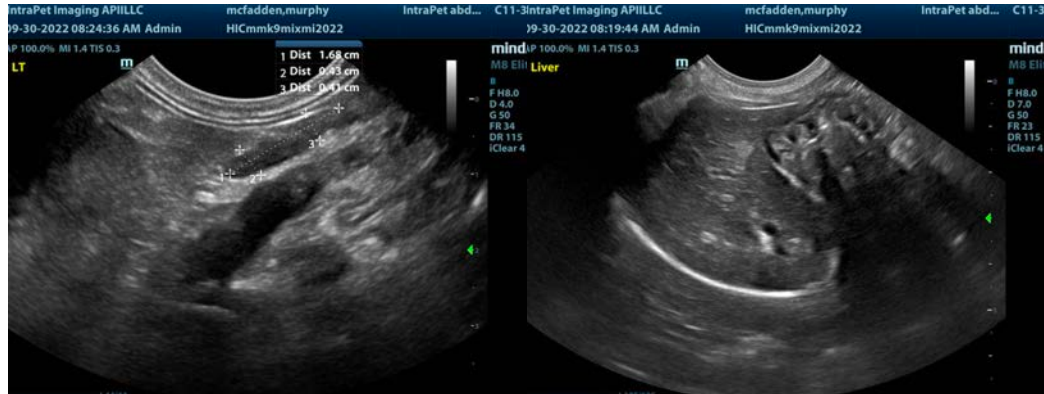
ULTRASONOGRAPHIC FINDINGS

- Non-specific GI upset, no evidence of foreign bodies

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials. Assessment of urinary parameters warranted to assess for any inflammatory sediment or proteinuria. This may be a normal variant. However, some minor level of renal dysplasia may present in this fashion.





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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