

**DATE PRESENTING CLINICAL SIGNS**

6/19/23

PATIENT

Ghost Tamayo

History: Three days ago had decreased appetite; vomited overnight 2-3 times. The next day she seemed slightly improved but only ate a small amount of dog food with eggs and rice. That night had normal BM. Yesterday morning she had bloody diarrhea. This morning she vomited foam with some blood and brown stuff. Drank water, but vomited back up. O lives in apartment with mulch out front. O thinks they saw mulch in diarrhea.

SPECIES

Canine

BREED

Husky

SEX

Spayed Female

AGE

2/26/21

WEIGHT

41.4 Pounds

Current Medications: Provable, Trazodone, Metronidazole, Protonix, Buprenorphine, Cerenia, Ondansetron. Lab Results: See attached.

Radiographs: no obvious GI obstruction or obstructive pattern; stomach walls appear very thickened

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

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** 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 5.42 cm. The left kidney measured 6.51 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

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 2.59 cm x 0.56 cm at the caudal pole and 0.68 cm at the cranial pole. The left adrenal gland measured 2.5 cm x 0.63 cm at the caudal pole and 0.56 cm at the cranial pole.

HOSPITAL NAME

Animal Emergency
Hospital

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.

REFERRING VET

Dr. Martinoli

INVOICE

22998

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

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. 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.

Pancreas

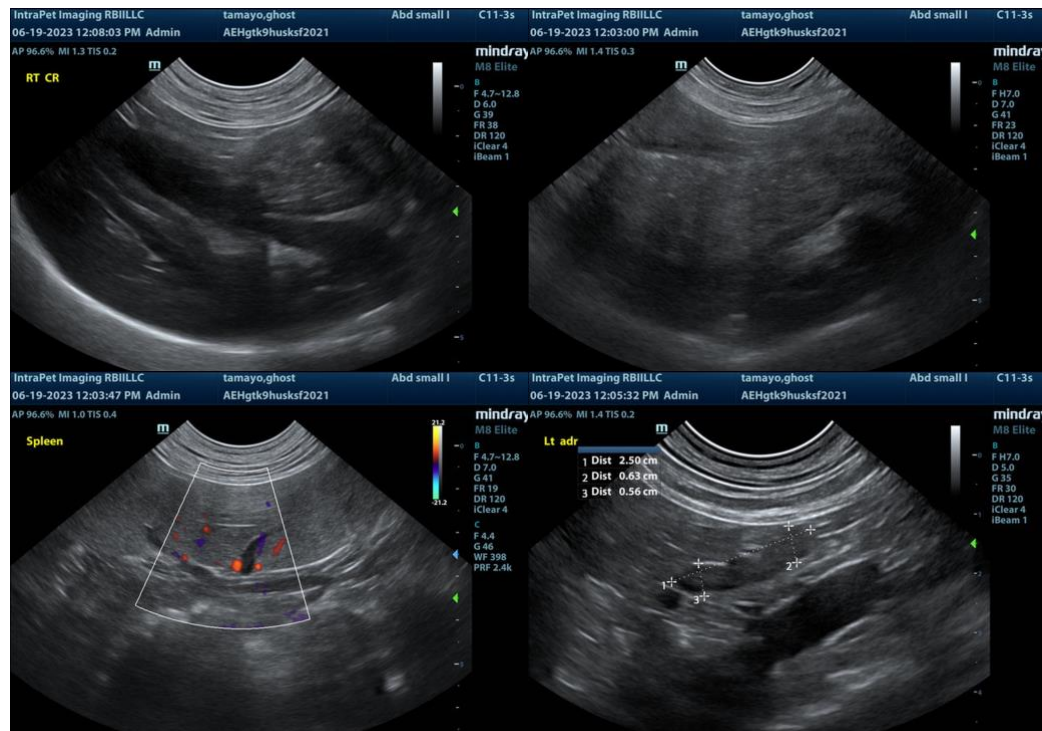
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

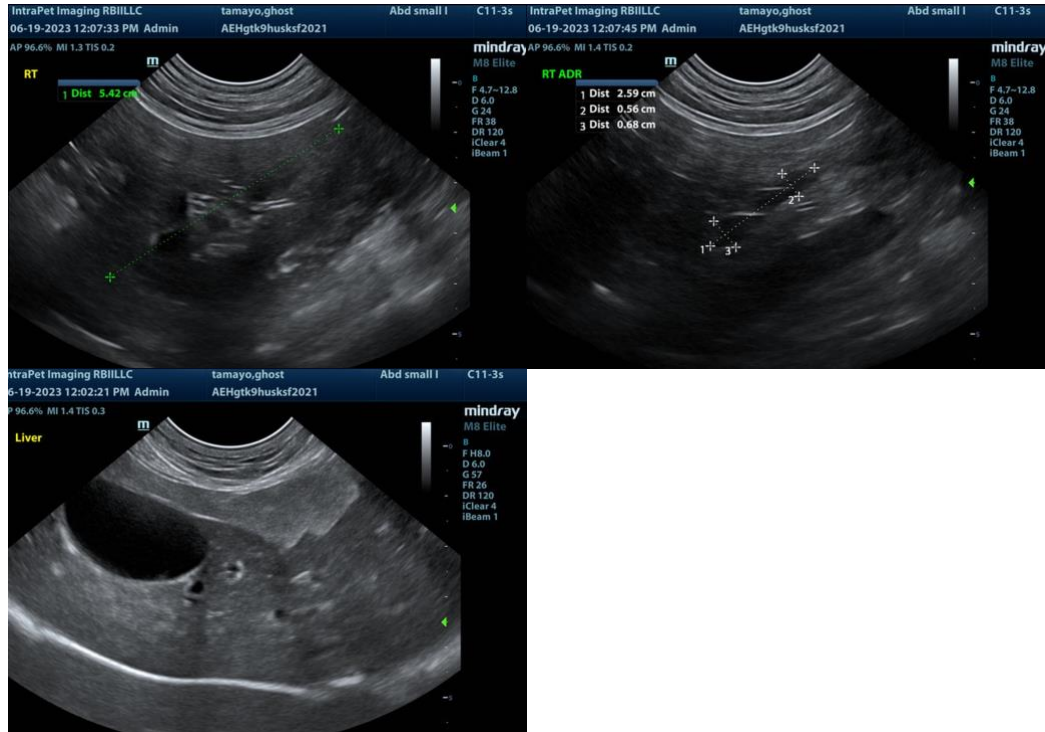
ULTRASONOGRAPHIC FINDINGS

- Minor retention of ingesta in the stomach
- Structurally unremarkable abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

24hr NPO and GI protectants are indicated. I recommend a fresh fecal smear and fecal floatation analysis. Recheck sonogram in 48hrs if the patient is not responding. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.





The information and recommendations provided are based on the images presented by the referring veterinarian. 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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