

**DATE PRESENTING CLINICAL SIGNS**

4/28/23

PATIENT

Wally Marsiglia

SPECIES

Canine

BREED

Bernadoodle

SEX

Neutered Male

AGE

3/21/21

WEIGHT

66.8 Pounds

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**HOSPITAL NAME**Animal Emergency
Hospital**REFERRING VET**

Dr. Nacke-Horney

INVOICE

22198

History: Here 4/20: - Rads: - repeats: - Bw: - Post-op endoscopy and gastrotomy Was discharged monday evening-was taking meds well Was feeding boiled hamburger and rice - was still eating well on tuesday Tuesday night had a BM tht was on the softer side Wednesday ate boiled chicken and rice around 1p but did not eat dinner This AM: noted that he has not eaten since lunch yesterday - seemed more lethargic - had an episode of vomiting, liquid Last night was noted to have discharge from his incision - owners cleaned and it did look better. Owner noted that he did eat a small bit of food to get meds this AM Has seemed anxious and was standing more yesterday. Has been exercise restricting him Current medications: - Gabapentin 300 mg - last given 7a - was due at 3p - Amoxi - last given 8a - Maropitant - last given 8a - Omeprazole - last given 8a - Metoclopramide - last given 7a- was due at 3p Owner has not been giving ear drops

Current Medications: Buprenorphine, Unasyn, Protonix, Ondansetron.
Lab Results: See attached.

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 6.7 cm. The left kidney measured 7.88 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 left adrenal gland measured 2.88 cm x 0.56 cm at the caudal pole and 0.5 cm at the cranial pole. The right adrenal gland measured 2.77 cm x 0.8 cm at the caudal pole and 0.75 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 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

The upper **gastrointestinal tract** was mildly thickened. Reactive mesentery was noted around the stomach and upper small intestine with a slight amount of echogenic free fluid. The colon was unremarkable.

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.

Free Abdomen

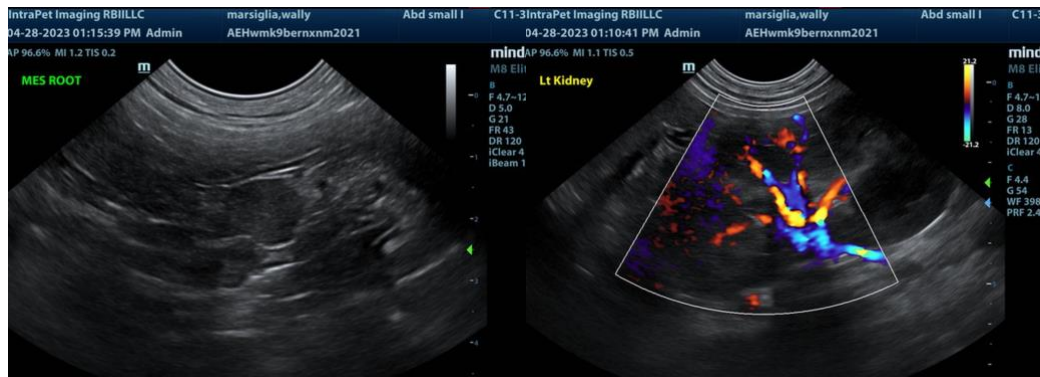
A **mesenteric lymph node** was rounded, measuring up to 1.5 cm. Free fluid was noted in the cranial abdomen with echogenic debris.

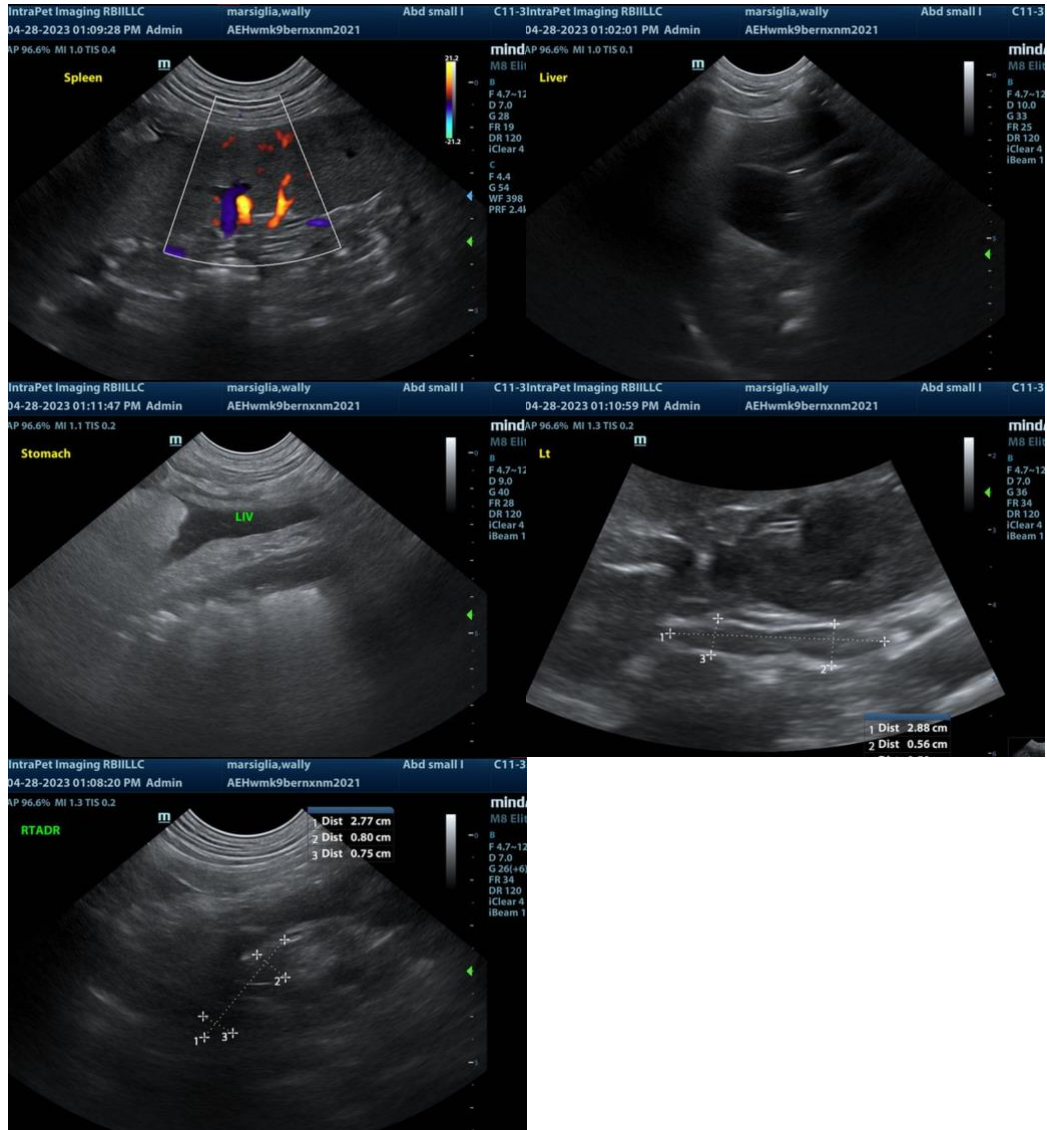
ULTRASONOGRAPHIC FINDINGS

- Reactive mesentery was noted around the stomach and upper small intestine with a slight amount of echogenic free fluid, which is concerning for localized peritonitis, however, no overt perforation was present.
- Rounded mesenteric lymph node
- The remainder of the abdomen was unremarkable.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Medical management is warranted if the patient is stable and improving, however, recheck sonogram every 24 hours is indicated. If clinical decline is occurring, then exploratory surgery is indicated. However, the pathology appears to be only localized near the stomach and upper small intestine.





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.

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