

**DATE PRESENTING CLINICAL SIGNS**

8/3/23

PATIENT

Nubi Macneil

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

1/29/20

WEIGHT

61 Pounds

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

Dr. Perez

INVOICE

44638

The owner reports that Nubi was normal earlier today. She acutely became lethargic, and unwilling to rise at 6 PM. She ate dinner at 5 PM this evening and was normal all day prior. The owner also reports that she has a history of two prior GI foreign body surgeries and was diagnosed with adhesions. The owner reports that Nubi got into trail mix with raisins on Monday. She called the ER, who advised a poison control consult, and they recommended hydrogen peroxide to get her to vomit. She did vomit a large quantity of raisins and trail mix, no bag recovered. She was then seen at the ER here for labwork, fluid support, and activated charcoal. She has passed black stool but had a normal bowel movement last night and today. She is getting 500 mL of SQ fluids twice daily starting yesterday. She saw the RDVM on 8/1 and 8/2 for labwork, which was all normal; labs dated 10 AM today, 8/2. The owner stated that Nubi was normal at her walk this morning, urinated 3 times. She was normal at 4 PM. She ate well at 5:30 PM. The male owner arrived home at 4 PM and said she was normal and ate normally too. The female owner got home around 6 PM and found her laying down on her side in the home. She wouldn't move the front half of her body, but she did wag her tail. But would not get up. She also didn't want to stand on her own. She has a history of corncob and deer hoof ingestion and needed surgery in the past. History of adhesions. She is on Interceptor and Bravecto. The owner put Triazicide or Spectricide, boric acid, and Diatomaceous Earth out on Sunday or Monday. No vomiting reported. Nothing in the home is disturbed, no medications dropped, no THC products in the home.

Current Medications: Methadone.

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 5.85 cm. The left kidney measured 6.11 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 2.55 cm x 0.58 cm at the caudal pole and 0.69 cm at the cranial pole. The left adrenal gland measured 2.37 cm x 0.65 cm at the caudal pole and 0.63 cm at the cranial pole.

Spleen

The **spleen** was uniformly enlarged with relatively uniform parenchyma without evidence of masses. The capsule was mildly swollen. This is most consistent with hypersplenism and reactive hyperplasia deriving from splenic white or red pulp. However, early infiltrative disease, such as lymphoma or mast cell neoplasia

can, at times, present in this manner but not suspected. 25g US-guided FNA would be best in order to ensure only reactive hyperplasia is present. If clinical signs fit with potential neoplasia or mast cell disease, then Benadryl injection (1 mg/pound IM) 15 minutes prior to FNA would be recommended.

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

Trace amount of ingesta noted in the **stomach**. The small intestine and colon were 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.

Heart

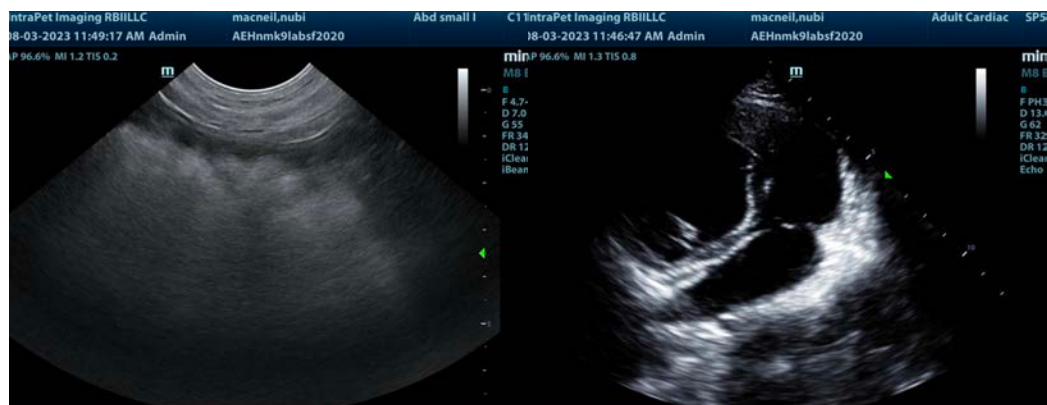
Rapid view of the heart revealed no evident pathology. No evidence of pericardial effusion or right auricular pathology. Contractility and volumes appeared normal.

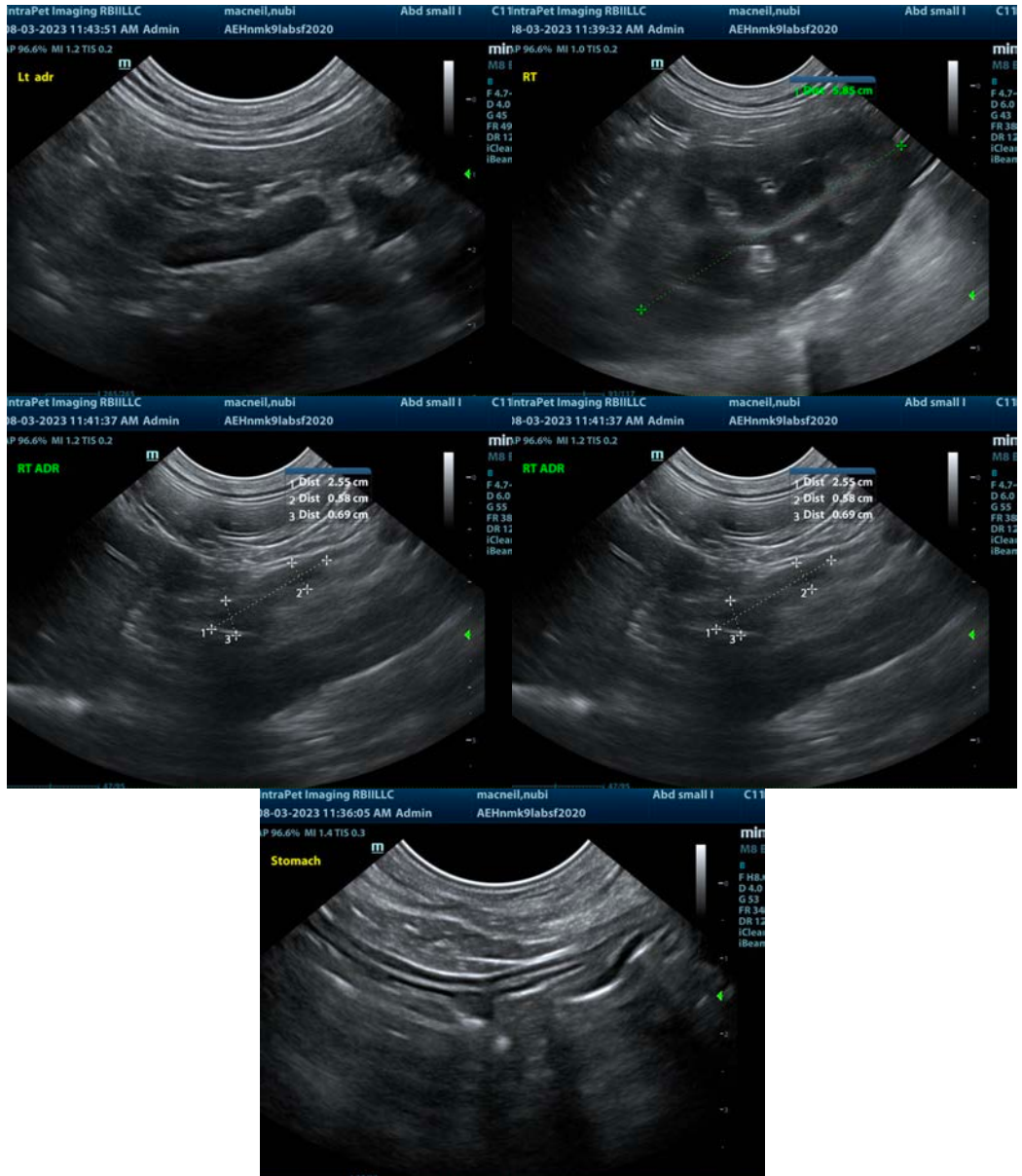
ULTRASONOGRAPHIC FINDINGS

- Unremarkable abdomen with minor retention of ingesta
- Normal rapid echocardiogram

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of the clinical signs is not evident. CNS, thoracic or orthopedic/pain related disease should be considered. Addison's should be ruled out even though structurally the adrenals appear normal.





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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