



PATIENT

Titan Frazier

SPECIES

Canine

BREED

Labrador Mix

SEX

Male

AGE

8 years

WEIGHT

94 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC

REFERRING VET

Dr. Griffin

INVOICE

32731

DATE

9/6/22

PRESENTING CLINICAL SIGNS

History: Patient presented 8/30/22 for vomiting and diarrhea. Patient is having intermittent vomiting and black tarry stool since. Currently patient is on gi protocol and is responding well but still having intermittent vomiting
Abnormal PE/Chem/CBC/UA Results: 8/23/22 CBC: RBC: 4, HCT: 25.7%, HGB: 9.3, Mono 1.45, PLT 121 CHEM: ALKP: 572 Na 162 Rads:- Thorax appears WNL - Abdomen appears to have mildly enlarged liver - Gas pattern in intentions with no evidence of obstructive pattern - Normal stool present in distal colon 9/6/22 CBC: RBC 3.6, HCT 25%, HGB 8.9, Neut: 12.07

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 prostate was uniform and measured 2.5 cm.

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 left kidney measured 7.0 cm. The right kidney measured 7.0 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 0.5 cm.

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 was noted.

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.



PATIENT

Gastrointestinal

Titan Frazier

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. 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.

SPECIES

Canine

BREED

Labrador Mix

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.

SEX

Male

ULTRASONOGRAPHIC FINDINGS

Unremarkable abdomen.

AGE

8 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

94 lbs

I recommend consideration for GI hemorrhage, potential underlying Addison's disease. There was no evidence of visceral disease that would be responsible for the anemia. CBC path review +/- bone marrow aspirates would be indicated.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC



REFERRING VET

Dr. Griffin

INVOICE

32731

DATE

9/6/22



PATIENT

Titan Frazier

SPECIES

Canine

BREED

Labrador Mix

SEX

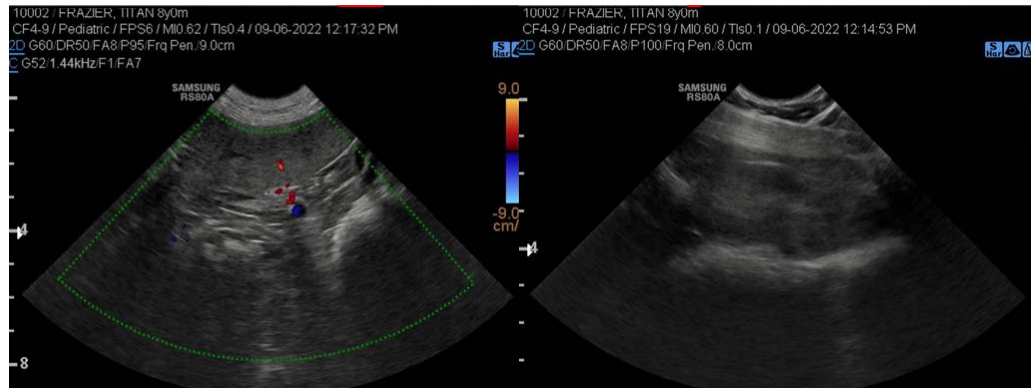
Male

AGE

8 years

WEIGHT

94 lbs



SEX

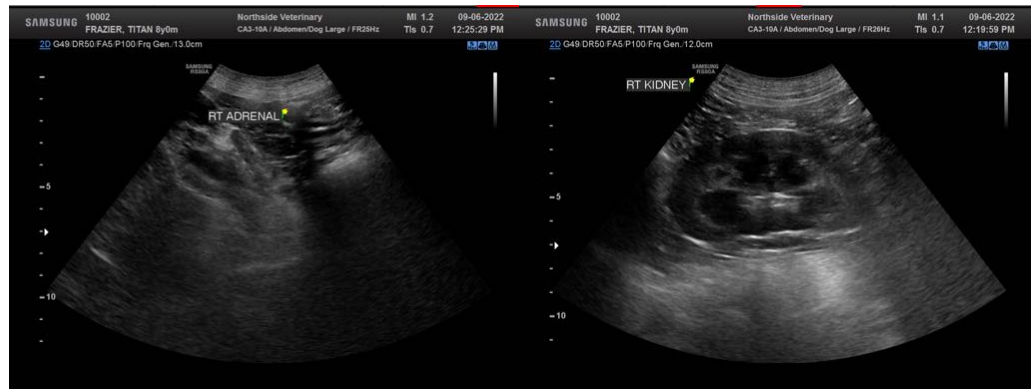
Male

AGE

8 years

WEIGHT

94 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Griffin

HOSPITAL NAME

Northside VC



REFERRING VET

Dr. Griffin

INVOICE

32731

DATE

9/6/22

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.

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