



PATIENT

Heathcliff Demant

SPECIES

Canine

BREED

Whippet

SEX

Intact Male

AGE

2 Years 8 Months

WEIGHT

34 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

North Warren AH

REFERRING VET

Dr. Corrado/Dr.
Bociulus

INVOICE

21867

DATE

4/5/23

PRESENTING CLINICAL SIGNS

History: Marked weight loss, chronic pancreatitis x 1 week, hacking sound occ. while eating. Meds: Metronidazole, Famotidine, AmoxiClav; Metoclopramide, Ondansetron

Abnormal PE/Chem/CBC/UA Results: Cpl 626.5; mild dehydration, Alt 993; ALP 1081; GGT 79; Bili 7.2. Bile acids pending .

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 prostate was uniform measured 2.6 cm.

The **testicles** were imaged and found to be uniform with no evident pathology.

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 6.09 cm. The left kidney measured 6.48 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 2.48 cm x 0.62 cm at the cranial pole and 0.6 cm at the caudal pole. The left adrenal gland measured 2.7 cm x 0.5 cm at the cranial pole and 0.49 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** appeared to be uniform with uniform parenchyma. The gastric artifact was obscuring some visibility in the portal hilus. The portal vein appeared to be of adequate size (0.9 cm), however, the vena cava was dilated. If the patient was on IV fluid therapy, this would be normal overt circulation. No obvious intrahepatic or extrahepatic shunting was noted. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **gastrointestinal tract** presented considerable gastric artifact due to the presence of ingesta. This did not permit thorough evaluation of portions of the gastric and upper intestinal structure. No overt abnormality was seen in the visualized tissue, however. This is consistent with a post-prandial



PATIENT

Heathcliff Demant

SPECIES

Canine

BREED

Whippet

SEX

Intact Male

AGE

2 Years 8 Months

WEIGHT

34 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

North Warren AH

REFERRING VET

Dr. Corrado/Dr.
Bociulus

INVOICE

21867

DATE

4/5/23

presentation within a few hours of mealtime. If the prandial temporal interval does not fit the case history, and the patient presents a history of post-prandial vomiting, this could indicate a delayed upper gastrointestinal outflow due to primary or secondary pyloric hypertrophy, upper GI infiltrative disease, motor deficits, or a non-visualized foreign body. A prudent approach would be to rescan this patient at 24-hour NPO status to further review the non-visible regions if stomach primarily as well as assess any delayed outflow issue.

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

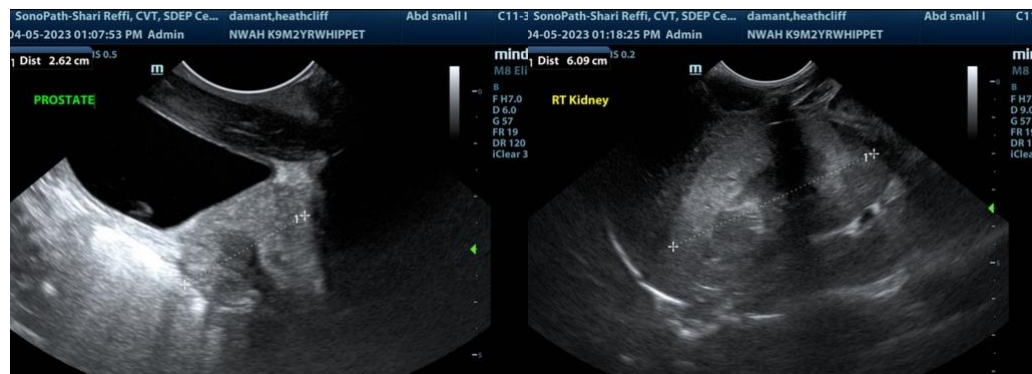
The mesenteric **lymph node** (up to 2.5 cm x 0.5 cm) presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia.

ULTRASONOGRAPHIC FINDINGS

- Excessively enlarged vena cava and hepatic veins, which would be normal for the patient on aggressive fluid therapy. Structurally unremarkable liver otherwise.
- Full stomach
- Mesenteric lymphadenopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Leptospirosis titers or other cause of acute insult should be considered in this patient. FNA of the liver is indicated. I cannot completely rule out portosystemic shunting given the vena cava dilation; however, it would be an odd combination given that the portal vein appears to be subjectively of normal width. CT evaluation with contrast would be ideal yet no overt visceral disease is noted that would be responsible for the weight loss.





PATIENT

Heathcliff Demant

SPECIES

Canine

BREED

Whippet

SEX

Intact Male

AGE

2 Years 8 Months

WEIGHT

34 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

North Warren AH

REFERRING VET

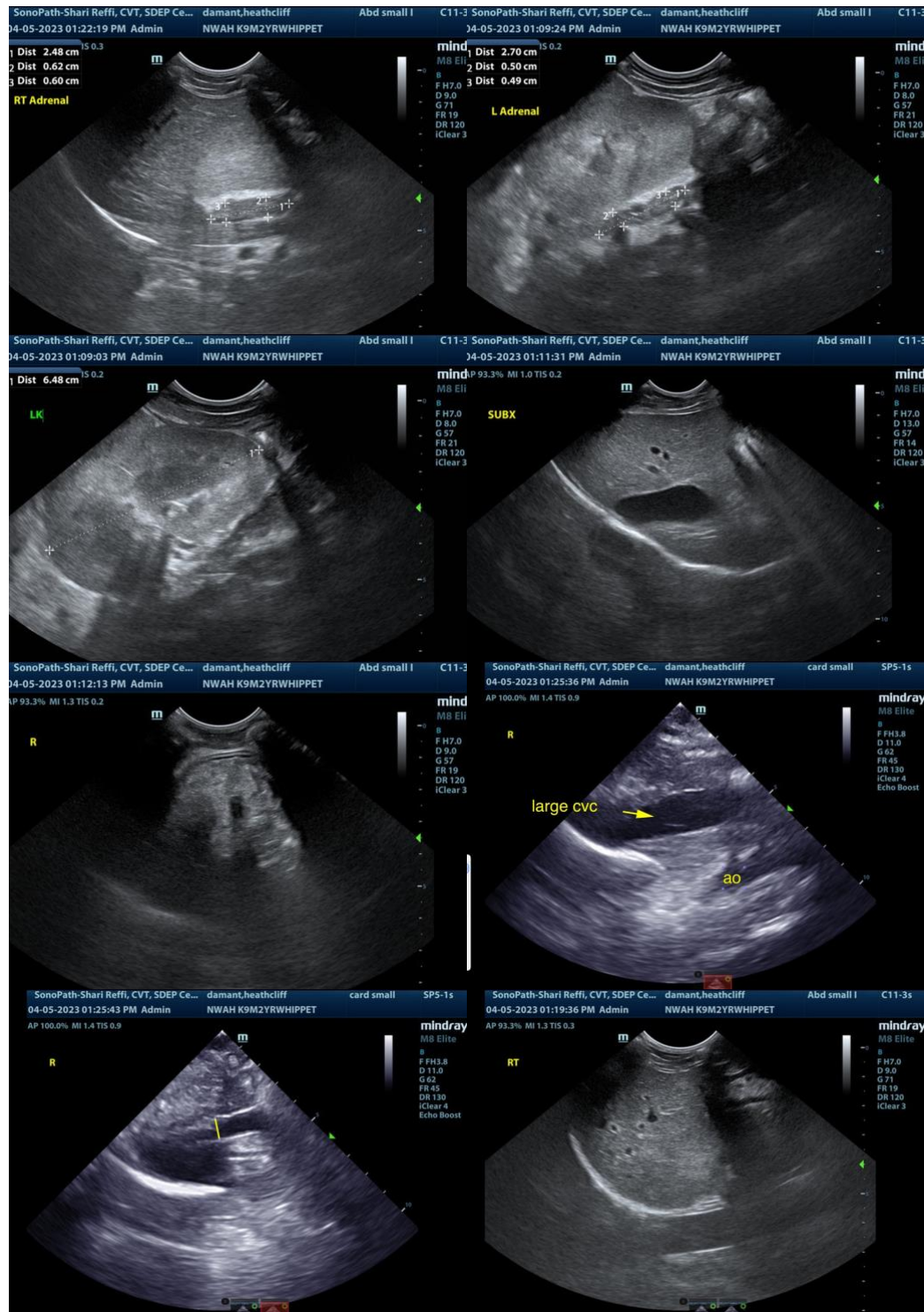
Dr. Corrado/Dr.
Bociulus

INVOICE

21867

DATE

4/5/23



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



PATIENT

can be of any further assistance please contact me.

Heathcliff Demant

SPECIES

Canine

BREED

Whippet

SEX

Intact Male

AGE

2 Years 8 Months

WEIGHT

34 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

North Warren AH

REFERRING VET

Dr. Corrado/Dr.
Bociulus

INVOICE

21867

DATE

4/5/23

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