



PATIENT

Sirius Blackstone

SPECIES

Canine

BREED

Australian Heeler

SEX

Neutered male

AGE

5 years

WEIGHT

47.5 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Ark AH

REFERRING VET

Dr. Parker

DATE

12/16/21

Invoice

94667

PRESENTING CLINICAL SIGNS

History: Presenting for chronic/intermittent vomiting. Abdomen tense, but no obvious abnormalities. Potentially enlarged popliteal LN. Rest of PE unremarkable. Initially responded to Cerenia and frequent meals.

Mildly elevated triglycerides Mildly elevated BUN at 33mg/dL with CREAT WNL --> increased BUN/CREAT ratio Mildly increased Mg at 2.8 mEq/L (1.5-2.5) Note: Precision PSL WNL NPS on fecal Current Medications Omeprazole and Sucralfate (will make sure O doesn't give AM of appointment)

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 **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 5.66 cm. The right kidney measured 5.92 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 2.11 x 0.99 cm at the cranial pole and 0.72 cm at the caudal pole. The left adrenal gland measured 2.35 x 0.45 cm at the cranial pole and 0.58 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 was 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



PATIENT

Sirius Blackstone

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.

SPECIES

Canine

Gastrointestinal

BREED

Australian Heeler

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.

SEX

Neutered male

Pancreas

AGE

5 years

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.

WEIGHT

47.5 lbs

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cause of azotemia is unclear. Screening for occult Addison's is warranted even though the adrenal glands appear structurally normal. Full urinalysis work-up is warranted if not already performed. If any inflammatory sediment is present then culture is indicated. Supportive care should prove effective. Blood pressure measurements are recommended. Assessment for toxin exposure is recommended.

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Ark AH

REFERRING VET

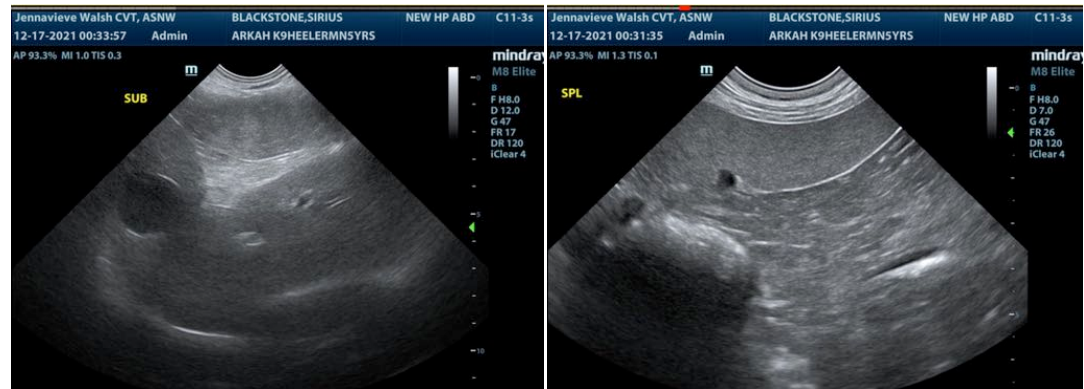
Dr. Parker

DATE

12/16/21

Invoice

94667





PATIENT

Sirius Blackstone

SPECIES

Canine

BREED

Australian Heeler

SEX

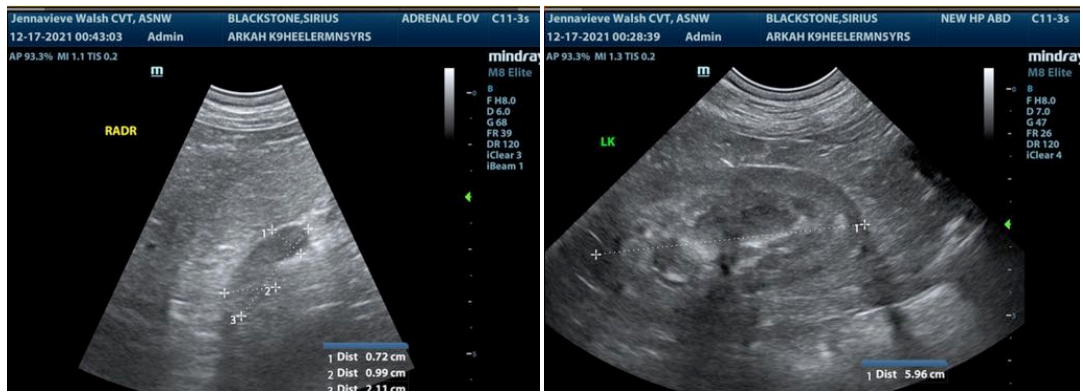
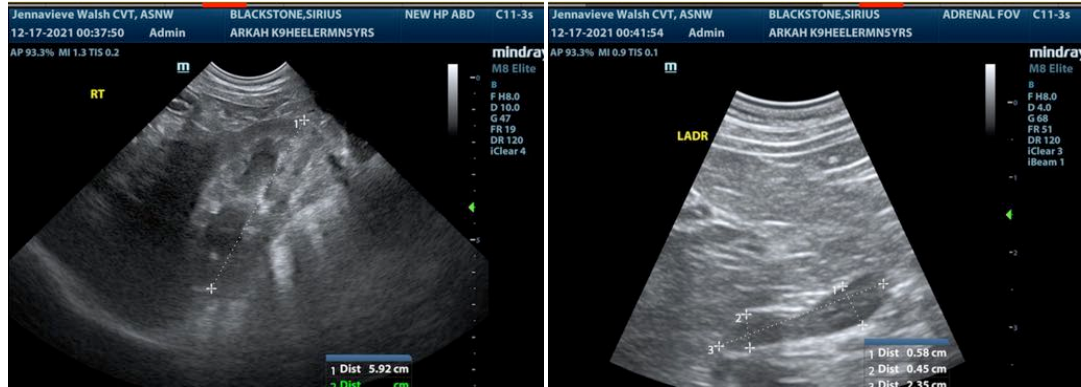
Neutered male

AGE

5 years

WEIGHT

47.5 lbs



INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Ark AH

REFERRING VET

Dr. Parker

DATE

12/16/21

Invoice

94667

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

Eric.Lindquist@SonoPath.com