



**PATIENT**

Ralph Moley

**SPECIES**

Canine

**BREED**

Australian Cattle Dog

**SEX**

Neutered male

**AGE**

13 years

**WEIGHT**

38.7 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Kevin Moon DVM

**HOSPITAL NAME**

Shiloh VH

**REFERRING VET**

Dr. Owings

**INVOICE**

31926

**DATE**

7/26/22

**PRESENTING CLINICAL SIGNS**

History: Vomiting/ diarrhea starting 1 wk ago. Vomiting stopped with maropitant, but p is still nauseous with a decreased appetite. Mildly icteric gums

Abnormal PE/Chem/CBC/UA Results: USG 1.050 today, otherwise normal UA 7/21 ALT 364 ALP 513

**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 residual prostate measured 0.6 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 5.0 cm.

**Adrenal Glands**

The left **adrenal gland** was slightly swollen and uniform measuring 0.7 cm. The right adrenal gland is not visualized.

**Spleen**

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. Hyperechoic lipogranulomatous nodules were noted in the spleen. 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 from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Hyperechoic lipogranulomatous changes were noted and are not pathological. Other hypoechoic nodular changes were noted. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder and common bile duct were unremarkable.



**PATIENT**

**Gastrointestinal**

Ralph Moley

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable. The mesenteric lymph nodes were reactive and measured up to 1.5 cm.

**SPECIES**

Canine

**BREED**

**Pancreas**

Australian Cattle Dog

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**

Neutered male

**Free Abdomen**

**AGE**

13 years

Sublumbar lymph nodes were also mildly enlarged.

**WEIGHT**

38.7 lbs

**ULTRASONOGRAPHIC FINDINGS**

Non-specific gastroenteritis with mesenteric lymphadenopathy.  
Heterogenous nodular splenic and hepatic changes.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

FNA, cytology and culture of the accessible lymph nodes are recommended to ensure that an emerging round cell neoplasia is not present. Leptospirosis titers are indicated. There is a mild potential for underlying round cell neoplasia.

**IMAGING PERFORMED BY**

Kevin Moon DVM

**HOSPITAL NAME**

Shiloh VH

**REFERRING VET**

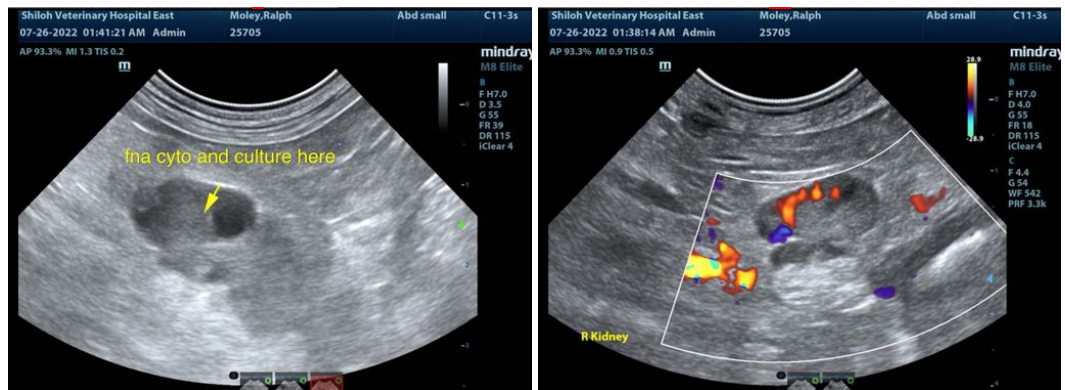
Dr. Owings

**INVOICE**

31926

**DATE**

7/26/22





**PATIENT**

Ralph Moley

**SPECIES**

Canine

**BREED**

Australian Cattle Dog

**SEX**

Neutered male

**AGE**

13 years

**WEIGHT**

38.7 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUS

**IMAGING PERFORMED BY**

Kevin Moon DVM

**HOSPITAL NAME**

Shiloh VH

**REFERRING VET**

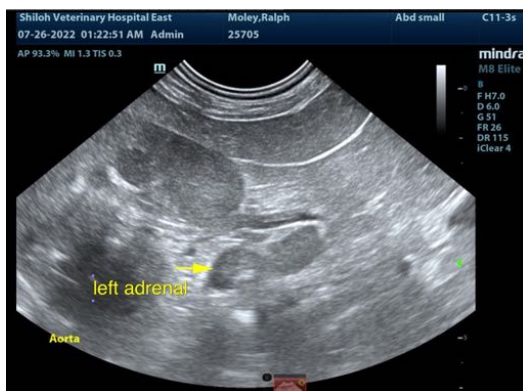
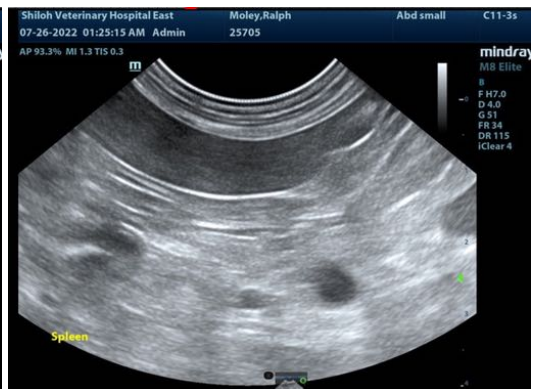
Dr. Owings

**INVOICE**

31926

**DATE**

7/26/22





**PATIENT**

Ralph Moley

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.

**SPECIES**

Canine

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.

**BREED**

Australian Cattle Dog

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

**SEX**

Neutered male

**AGE**

13 years

**WEIGHT**

38.7 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Kevin Moon DVM

**HOSPITAL NAME**

Shiloh VH

**REFERRING VET**

Dr. Owings

**INVOICE**

31926

**DATE**

7/26/22