



PATIENT

Daisy Wiscarson

SPECIES

Canine

BREED

Australian Shepherd x

SEX

Spayed Female

AGE

16 Years

WEIGHT

18.6

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Carver

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Dr. Carver

INVOICE

72972

DATE

2/13/26

PRESENTING CLINICAL SIGNS

P presented for not using hind limbs well. p was adopted 5 months ago. Hx fecal incontinence, hx of leaking urine. Diagnosed with suspected IVDD a few days ago. P is on Carprofen, Gabapentin, Simparica Trio. O tried Codeine with no improvement. p pants heavily at home.

Current Medications: Gabapentin, Carprofen, Simparica Trio

Abnormal PE/Chem/CBC/UA Results: Please see attached diagnostic results and records from RDVM

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Minor mineralization noted in both kidneys. Left kidney measured 5.7 cm. Right kidney measured 5.0 cm.

Adrenal Glands

The **adrenal glands** presented normal size and contour. Left measured 0.50 cm. Right measured 0.60 cm.

Spleen

The **spleen** was normal in size with coalescing hypoechoic micronodular parenchyma. Mild amount of remodeling.

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. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder wall was mildly echogenic.

Gastrointestinal

The **gastrointestinal tract** revealed variable intestinal thickening with muscularis hypertrophy and echogenic submucosal thickening, consistent with chronic inflammatory bowel. Upper duodenal thickening noted with some loss of mural detail.

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.



PATIENT

Daisy Wiscarson

SPECIES

Canine

BREED

Australian Shepherd x

SEX

Spayed Female

AGE

16 Years

WEIGHT

18.6

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUS

IMAGING PERFORMED BY

Dr. Carver

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

Dr. Carver

INVOICE

72972

DATE

2/13/26

Free Abdomen

In the cranial dorsal abdomen adjacent to the portal hilus, regional lymph nodes appeared enlarged and rounded. One lymph node in particular measured 1.7 cm and was rounded and hypoechoic. Reactive mesentery also noted.

The vena cava was volumed contracted. Hydration status should be evaluated in this patient.

ULTRASONOGRAPHIC FINDINGS

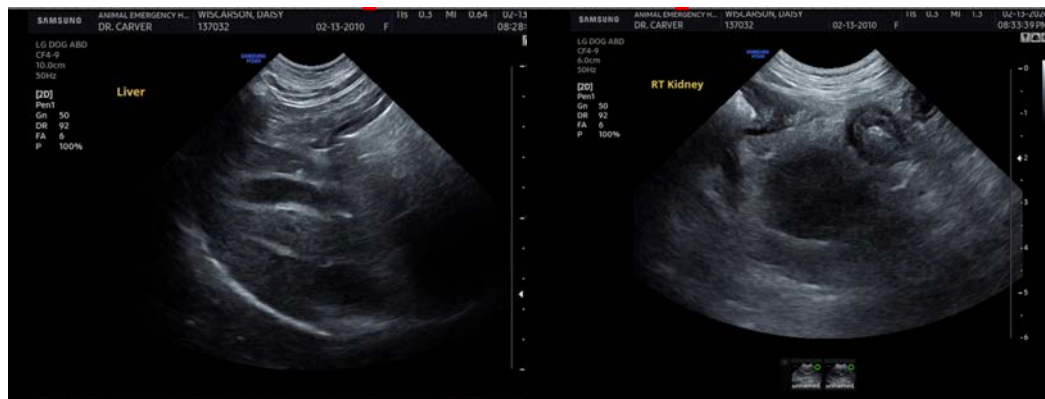
- Micronodular spleen, consistent with hyperplasia. Mild potential for underlying neoplasia.
- Upper gastrointestinal thickening with regional lymphadenopathy – strong concern for emerging round cell neoplasia. Protein losing enteropathy likely if no significant proteinuria present in the urine.
- Age related renal and hepatic changes.
- Volume contracted vena cava.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full thickness GI and lymph node biopsies may be necessary for definitive diagnosis in this patient, as there appear to be transitional states, most of which do not meet neoplasia, however the occasional upper intestinal thickening and lymphadenopathy are concerning for emerging neoplasia.

Screening FNA of the spleen may be definitively diagnostic.

Prognosis is guarded.





PATIENT

Daisy Wiscarson

SPECIES

Canine

BREED

Australian Shepherd x

SEX

Spayed Female

AGE

16 Years

WEIGHT

18.6

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

**IMAGING
PERFORMED BY**

Dr. Carver

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

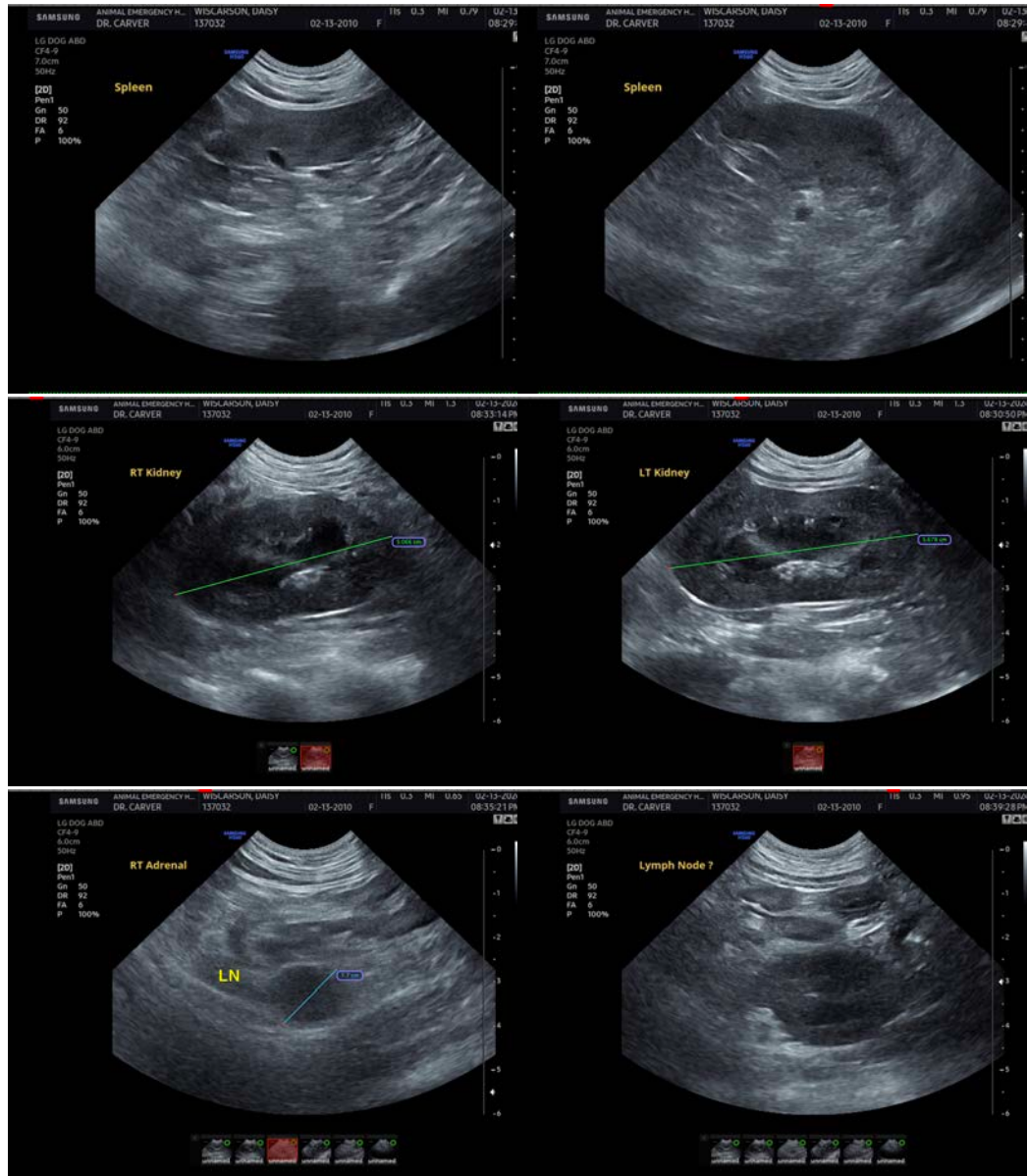
Dr. Carver

INVOICE

72972

DATE

2/13/26





PATIENT

Daisy Wiscarson

SPECIES

Canine

BREED

Australian Shepherd x

SEX

Spayed Female

AGE

16 Years

WEIGHT

18.6

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert. IVUSS

IMAGING PERFORMED BY

Dr. Carver

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

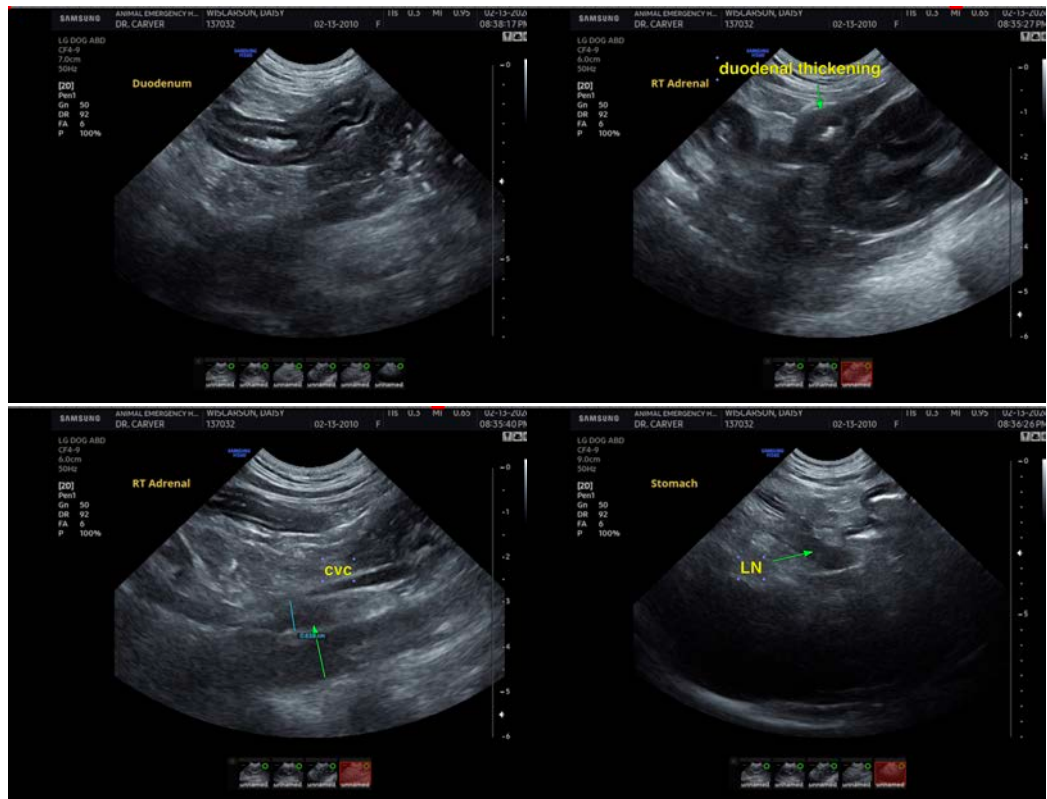
Dr. Carver

INVOICE

72972

DATE

2/13/26



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(CFM), Cert. IVUSS,
CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com