



PATIENT

Loki Hammond

SPECIES

Canine

BREED

Jack Russell Cross

SEX

Neutered male

AGE

11 ½ years

WEIGHT

15 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

Dr. Rodriguez

INVOICE

97977

DATE

3/31/22

PRESENTING CLINICAL SIGNS

History: Progressive Weight loss. Mild low alb (2.5) a few months ago
Abnormal PE/Chem/CBC/UA Results: HCT: 32, HGB: 11, Ret: 245, Creat: 1.2, BUN: 35, TP: 7.1, Alb: 2, Glob: 5.1

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. 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 1.0 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 4.0 cm with a cortical infarct at the dorsal cortex. Blood flow appeared adequate. The right kidney measured 4.0 cm.

Adrenal Glands

The left **adrenal gland** was 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 left adrenal gland measured 0.5 cm. The region of the right adrenal gland was unremarkable.

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** presented heterogenous parenchyma with increased portal markings and coarse architecture. Slight undulating capsular contour was noted. The gallbladder and common bile duct were unremarkable. This is consistent with chronic inflammatory hepatopathy.



PATIENT

Gastrointestinal

Loki Hammond

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. The colonic wall is slightly thickened with no loss of mural detail. The mesenteric lymph node measured 1.59 x 0.77 cm.

SPECIES

Canine

BREED

Jack Russell Cross

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

Neutered male

Free Abdomen

The iliac lymph nodes were slightly enlarged and reactive measuring 1.0 x 0.5 cm.

AGE

11 ½ years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

15 lbs

Unremarkable abdomen with slight iliac and mesenteric lymphadenopathy.

Minor renal remodeling and slight infarcts.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

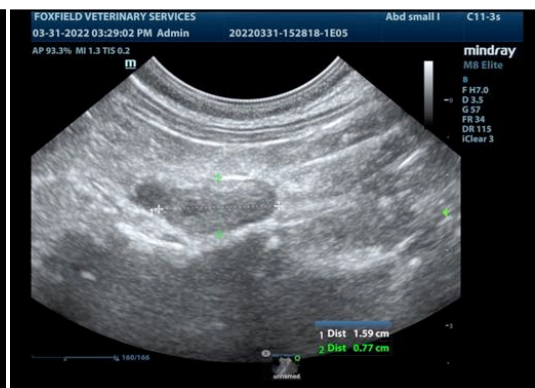
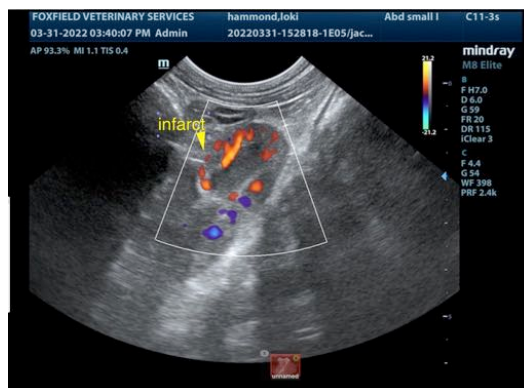
I recommend screening for Addison's in this patient given the patient's history. The adrenal glands were likely small and not overtly visible. Screening for Addison's is indicated. If no significant proteinuria is present then protein losing enteropathy is likely. There is no overt evidence of neoplasia; however, FNA of the iliac lymph nodes could be considered with cytology assessment.

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

Foxfield VS



REFERRING VET

Dr. Rodriguez

INVOICE

97977

DATE

3/31/22



PATIENT

Loki Hammond

SPECIES

Canine

BREED

Jack Russell Cross

SEX

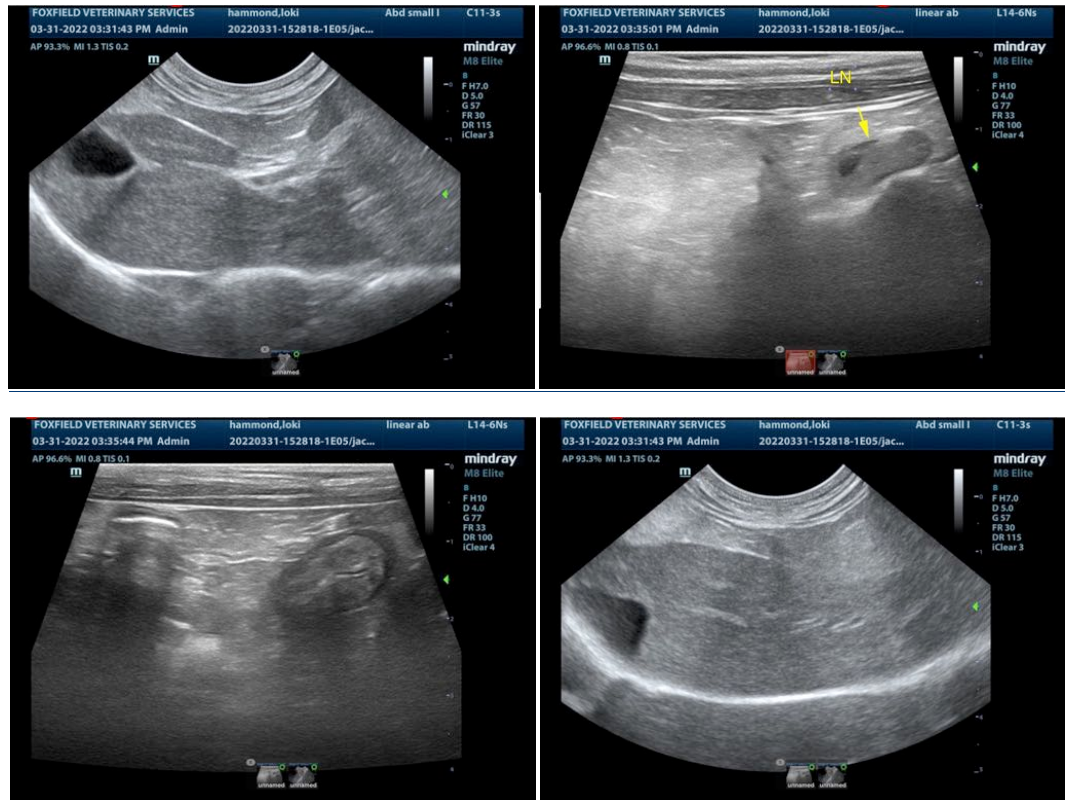
Neutered male

AGE

11 ½ years

WEIGHT

15 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Rodriguez

HOSPITAL NAME

Foxfield VS

REFERRING VET

Dr. Rodriguez

INVOICE

97977

DATE

3/31/22

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