



PATIENT

Duke Henningsen

SPECIES

Canine

BREED

Lab Mix

SEX

Neutered Male

AGE

12 Years 8 Months

WEIGHT

70.4

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Striegel

HOSPITAL NAME

Veterinary Center of
Hardyston

REFERRING VET

Dr. Striegel

INVOICE

14702

DATE

03/27/26

PRESENTING CLINICAL SIGNS

- Employee Pet.
- P has been lethargic, isolating himself, refusing to come inside, and preferring mud and puddles to lie in which is unusual for P.
- P has been inappetent for last week, will eat small amounts when hand fed / coaxed.
- No V+ or D+.
- History of grade 4 heart murmur - auscultated around grade 2-3 today with no palpable thrill.

Abnormal PE/Chem/CBC/UA Results: CBC, Chem, T4, UA, Accuplex all pending

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra to a depth of 2.0 cm 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 mild 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. Slight nonobstructive pinpoint mineralizations were present. The left kidney measured 7.3 cm in length. The right kidney measured 6.8 cm in length.

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 0.50 cm width.

The region of the right adrenal gland was imaged with no gross pathology.

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** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild 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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory,



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infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

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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.

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ULTRASONOGRAPHIC FINDINGS

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- Structurally unremarkable abdomen with benign hepatopathy pattern.
- Age-related abdominal changes.
- Minor nonobstructive nephrolithiasis.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of abdominal disease directly related to the clinical signs. Assessment for orthopedic pain, occult CNS disease or thoracic disease are all indicated. Screening for Addison's could be considered as adrenals were difficult to image and may be subjectively small. Baseline cortisol is indicated.

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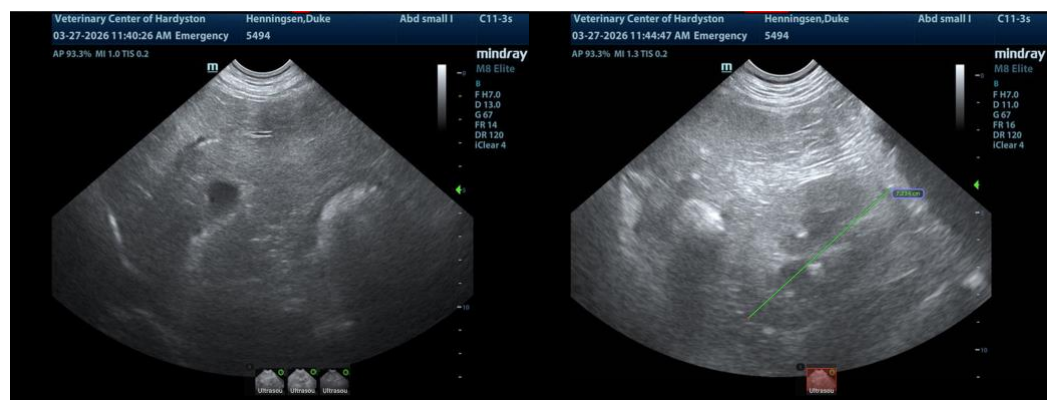
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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,

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