



PATIENT

Daisy Nickel

SPECIES

Canine

BREED

Labrador Cross

SEX

Spayed Female

AGE

15 years

WEIGHT

34.9 lg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Stan Gira

HOSPITAL NAME

Chris Belan VS

REFERRING VET

Dr. Karagic

INVOICE

91907

DATE

9/17/21

PRESENTING CLINICAL SIGNS

History: lethargy, regenerative anemia, hind leg edema, thrombocytopenia
Abnormal PE/Chem/CBC/UA Results: this case was originally seen about 7 days ago, and treatment for IMHA/thrombocytopenia with steroids was initiated.

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 6.0 cm. The right kidney measured 6.43 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 left adrenal gland measured 0.45 cm at the cranial pole and 0.59 cm at the caudal pole. The right adrenal gland measured 0.71 cm at the caudal pole and 0.72 cm at the cranial pole.

Spleen

The **spleen** revealed mild, heterogenous parenchymal changes.

Liver

The **liver** revealed coarse architecture with increased portal markings. A moderate amount of remodeling was noted. The gallbladder revealed a minor amount of debris/sand.

Gastrointestinal

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.



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Pancreas

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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

BREED

Hepatic remodeling.

Labrador Cross

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Bile acid profile would be warranted to assess for functional disease. There was no evidence of other structural issues. Steroid therapy may be suppressing more significant presentation.

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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.

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