



PATIENT

Buddy Guarino

SPECIES

Canine

BREED

Labradoodle

SEX

Intact Male

AGE

11 Months

WEIGHT

47 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

Animal General
Augusta

REFERRING VET

Dr. Castimore

INVOICE

17220

DATE

9/9/22

PRESENTING CLINICAL SIGNS

History: Was lethargic and anorexic, now back to normal. Up and down liver values. Was given Percorten inj 25days ago and improved. Doxy/Reglan/ Metro given 8/1-9/1 Current meds: Same LQ 425mg sid. Lepto NEG, TBD panel NEG.

Abnormal PE/Chem/CBC/UA Results: ALT 881, ALKP 301, GGT 14, Chol 323, Lipase 173

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 residual prostate was uniform, measuring 1.3 cm.

The **testicles** were imaged and found to be uniform.

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 right kidney measured 5.33 cm. The left kidney measured 6.78 cm.

Adrenal Glands

The **right 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 right adrenal gland measured 1.97 cm x 0.77 cm at the cranial pole and 0.33 cm at the caudal pole.

The **left adrenal gland** was subjectively flattened, measuring 1.8 cm x 0.23 cm at the cranial pole and 0.24 cm at the caudal pole.

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 submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal



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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

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.

BREED

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Free Abdomen

The iliac **lymph node** presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. The lymph node measured 1.97 cm x 0.99 cm.

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ULTRASONOGRAPHIC FINDINGS

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- Structurally unremarkable abdomen
- Flattened left adrenal gland, normal right adrenal gland
- Acute inflammatory hepatopathy given the liver enzyme elevations
- Reactive iliac lymph node

WEIGHT

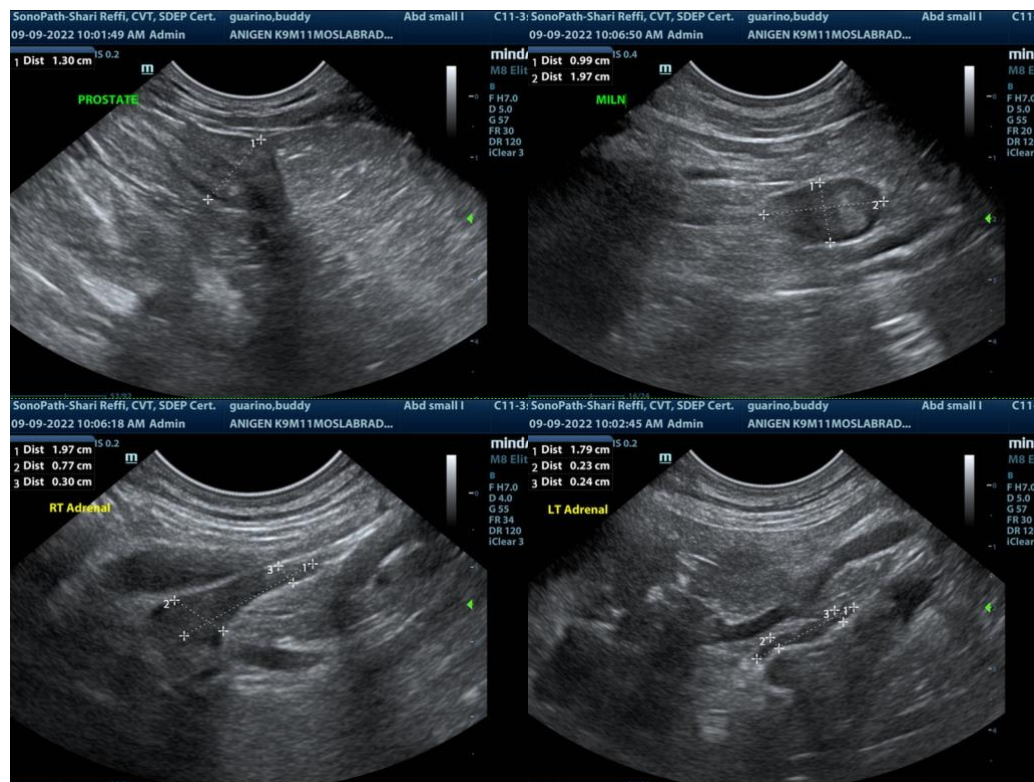
47 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA is indicated. Leptospirosis titers is indicated. Screening for underlying Addisons with baseline cortisol or ACTH stim is recommended. Otherwise, unremarkable abdomen.

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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.

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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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info@SonoPath.com

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