



PATIENT

Linus Klein

SPECIES

Canine

BREED

Cockapoo

SEX

Neutered male

AGE

15 years

WEIGHT

28.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

Dr. Ng

INVOICE

43314

DATE

3/1/23

PRESENTING CLINICAL SIGNS

History: Patient presents for rising ALT and weight loss. Current med: Denamarin.
Abnormal PE/Chem/CBC/UA Results: ALT 454, BUN 34, glucose 44 (fasted).

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 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. The left kidney measured 5.44 cm. The right kidney measured 5.4 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 right adrenal gland measured 1.76 x 0.61 cm at the caudal pole and 0.73 cm at the cranial pole. The left adrenal gland measured 2.21 x 0.85 cm at the caudal pole and 0.8 cm at the cranial pole.

Spleen

The **spleen** revealed subtle heterogenous parenchymal changes. Otherwise, the spleen was normal in size and contour.

Liver

The **liver** revealed similar findings compared to the prior sonogram. The liver was mildly enlarged and minor coarse architecture with slightly increased portal markings. 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

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



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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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Cockapoo

ULTRASONOGRAPHIC FINDINGS

SEX

Normalized urinary bladder.

Neutered male

Stable geriatric abdomen.

AGE

15 years

Non-specific inflammatory hepatopathy, likely reactive hepatopathy.

WEIGHT

28.6 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of progressive disease. If glucose remains subnormal then insulin to glucose ratio is indicated, yet structurally there are no lesions consistent with insulinoma.

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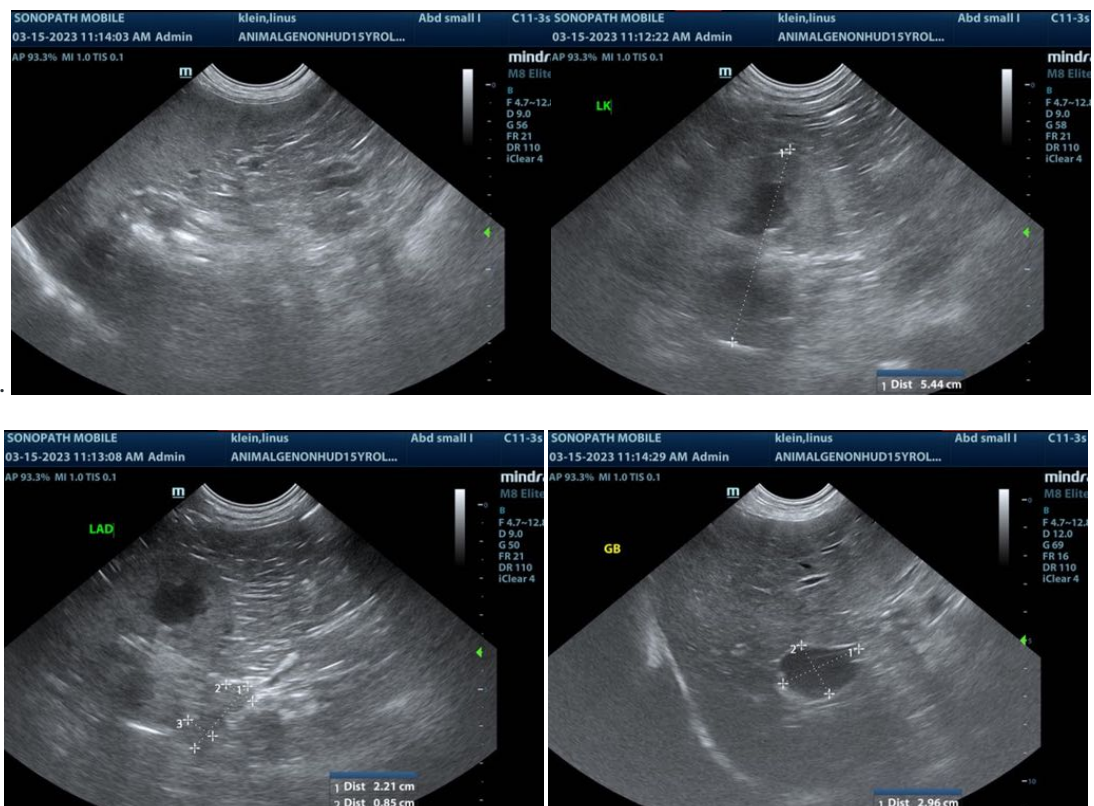
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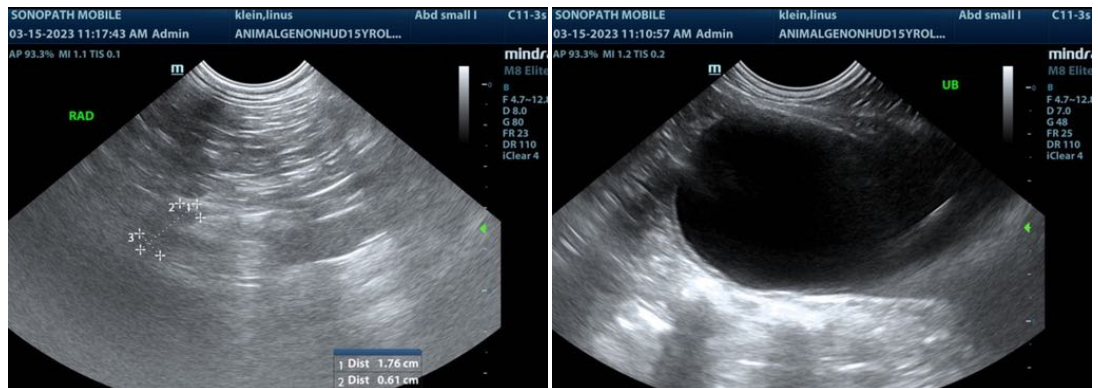
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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