



PATIENT **PRESENTING CLINICAL SIGNS**

Charlie Meyer

History: Recheck abdominal ultrasound initially carried out on 10/27/22. Patient is clinically doing well and abdominal ultrasound was carried out during anesthesia for routine dental today. ALP continues to elevate on routine lab work (838 on 8/25/22 and up to 1022 on 2/13/23) despite Denamarin supplementation. Cholesterol is also elevated (576). Bile acid screening on 11/30/222 was normal.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Elevated ALP (1022 on 2/13/23 up from 838 on 8/25/23)

BREED

Labradoodle

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed female

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.

AGE

12 years

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 right kidney measured 6.5 cm. Blood flow to the kidneys appeared to be adequate.

WEIGHT

56 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 0.6 cm. The right adrenal gland measured 0.8 cm at the caudal pole and 0.7 cm at the cranial pole.

IMAGING PERFORMED BY

Dr. Lucas

HOSPITAL NAME

Taylorville VC

Spleen

The **spleen** presented slight, heterogenous parenchymal changes with uniform, minor swelling and minor enlargement. Hypoechoic nodular changes were noted.

REFERRING VET

Dr. Lucsa

Liver

INVOICE

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The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some 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, 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.

DATE

3/30/23



PATIENT

Gastrointestinal

Charlie Meyer

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.

SPECIES

Canine

Pancreas

BREED

Labradoodle

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

Spayed female

ULTRASONOGRAPHIC FINDINGS

AGE

12 years

Reactive spleen.

Adrenal glands structurally unremarkable.

Age related renal and hepatic changes.

WEIGHT

56 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If any weight loss is an issue then FNA of the spleen is indicated.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Lucas

HOSPITAL NAME

Taylorville VC

REFERRING VET

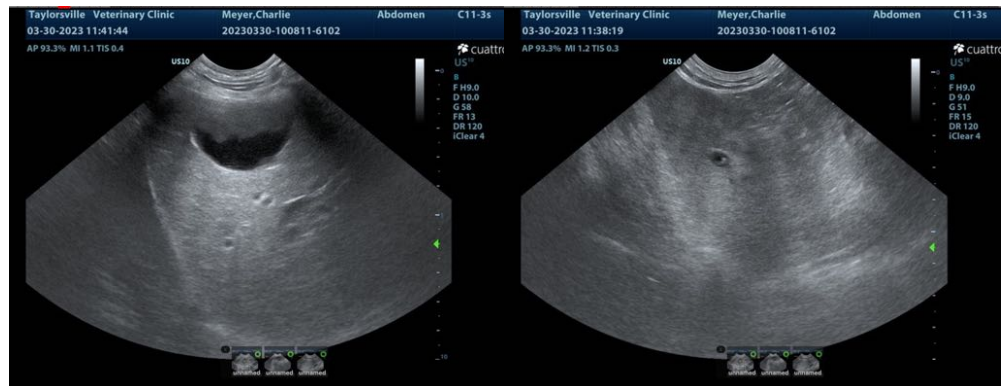
Dr. Lucsa

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PATIENT

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SPECIES

Canine

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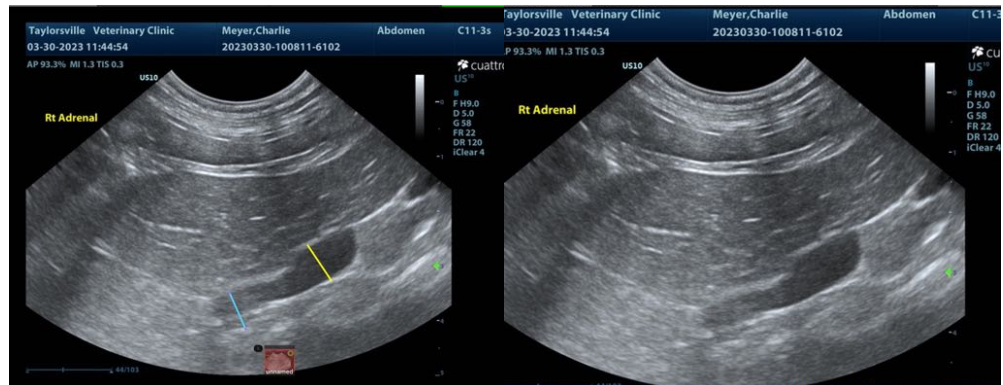
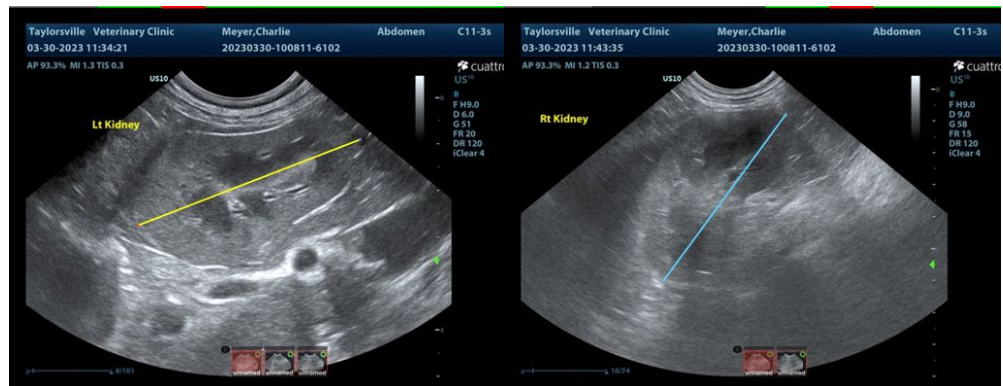
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PATIENT

Charlie Meyer

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.

SPECIES

Canine

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.

BREED

Labradoodle

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

SEX

Spayed female

AGE

12 years

WEIGHT

56 lbs

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3/30/23