

**DATE**

06/01/2022

PRESENTING CLINICAL SIGNS

P came in for a dental and preop bldwk showed an elevated ALT; P had vomited a few times in the past week, but he has does this intermittently throughout his whole life so O was not concerned; P is otherwise doing well at home and nsf on PE

PATIENT

Iggly Lynch

Current Medications: Denamarin.

Lab Results: inc ALT @ 409 (normal range is 10 - 118).

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Trazadone PO.

Stat Report: Not requested.

Imaging Performed By: Stephanie Pearce RDCS, RVT.

SPECIES

Canine

BREED

Goldendoodle

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

MN

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.

AGE

10 years

The kidneys revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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 4.81 cm in length. The right kidney measured 4.65 cm in length.

WEIGHT

28 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The residual prostate was uniform measuring 1.0 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 1.9 cm in length by 0.53 cm caudal pole width by 0.52 cm cranial pole width. The right adrenal gland measured 1.8 cm in length by 0.64 cm caudal pole width by 0.82 cm cranial pole width.

HOSPITAL NAME

Charm City Vet

REFERRING VET

Dr. Eavers

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.

INVOICE

10711ag

Liver

The liver images submitted revealed slight coarse architecture and subjectively normal liver size. Minor increased portal markings were present. 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 demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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.

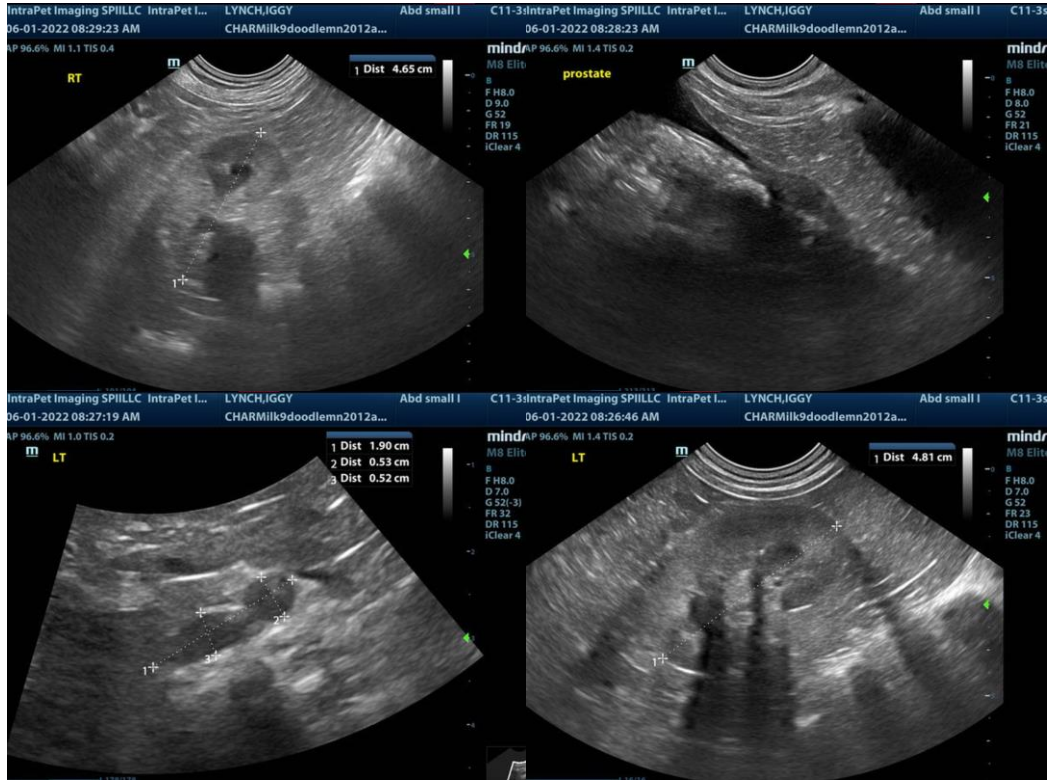
ULTRASONOGRAPHIC FINDINGS

- Nonspecific minor inflammatory hepatopathy pattern

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

An FNA of the liver could be considered for further definition. Reactive hepatopathy is likely at play in this patient possibly owing to the periodic low grade or nonclinical GI upset. Empirically, diet change to hydrolyzed diet over the next 6 weeks with amoxicillin/ metronidazole combination x 10 days to treat for reactive hepatopathy with reassessment of ALT values is recommended. Otherwise an FNA or core liver biopsy would be appropriate for further definition.





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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