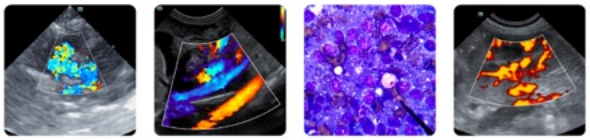


PATIENT

Nod Funk

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Spayed female

AGE

13 years

WEIGHT

9.8 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Wehmer

HOSPITAL NAME

Evendale Blue Ash Pet Hospital

REFERRING VET

Dr. Wehmer

INVOICE

74958

DATE

4/28/26

PRESENTING CLINICAL SIGNS

History: Waxing waning diarrhea and weight loss since 12/25. Dietary management with Hill's i/d low fat. Diagnosed with L mandibular and sublingual sialoadenectomy. Performed 1/26. Preop bloodwork showed leukocytosis, mildly decreased phosphorous, elevated amylase/lipase. Repeated labwork 3/26. Potassium 5.4, NA/K 27, USG 1.018. GI panel Texas A&M on 3/26/26, WNL.
Abnormal PE/Chem/CBC/UA Results: Performed 1/26. Preop bloodwork showed leukocytosis, mildly decreased phosphorous, elevated amylase/lipase. Repeated labwork 3/26. Potassium 5.4, NA/K 27, USG 1.018. GI panel Texas A&M on 3/26/26, WNL.

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 this age patient. Medullary structure differed distinctly from that of the cortex. The right kidney measured 4.9 cm and the left kidney measured 4.22 cm with slight pyelectasia.

Adrenal Glands

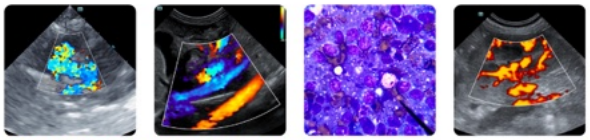
Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.34 x 0.4 cm. The right adrenal gland measured 0.57 cm at the cranial pole and 0.51 cm at the caudal pole.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself. Subtle micronodular changes were noted in the spleen that were non-disruptive. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

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. The caudal aspect of the right liver revealed an isoechoic mass that



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measured 3.0 x 2.8 cm. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder revealed dependent bile, yet this is not pathological.

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

Age related renal changes with pyelectasia in the left kidney.

Mass in the caudal aspect of the right liver. Differentials include adenoma, hepatoma, emerging carcinoma and less likely round cell neoplasia.

Remainder of the liver revealed vacuolar hepatopathy pattern with minor, heterogenous parenchymal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

** Excessive file size, images were duplicated. Please assess with your tech support to avoid excessive file size and reporting delays**

Ultrasound-guided FNA of the mass in the caudal aspect of the right liver is recommended.

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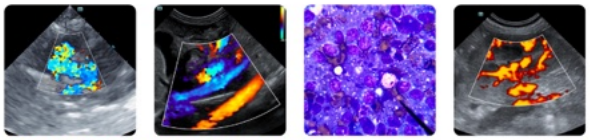

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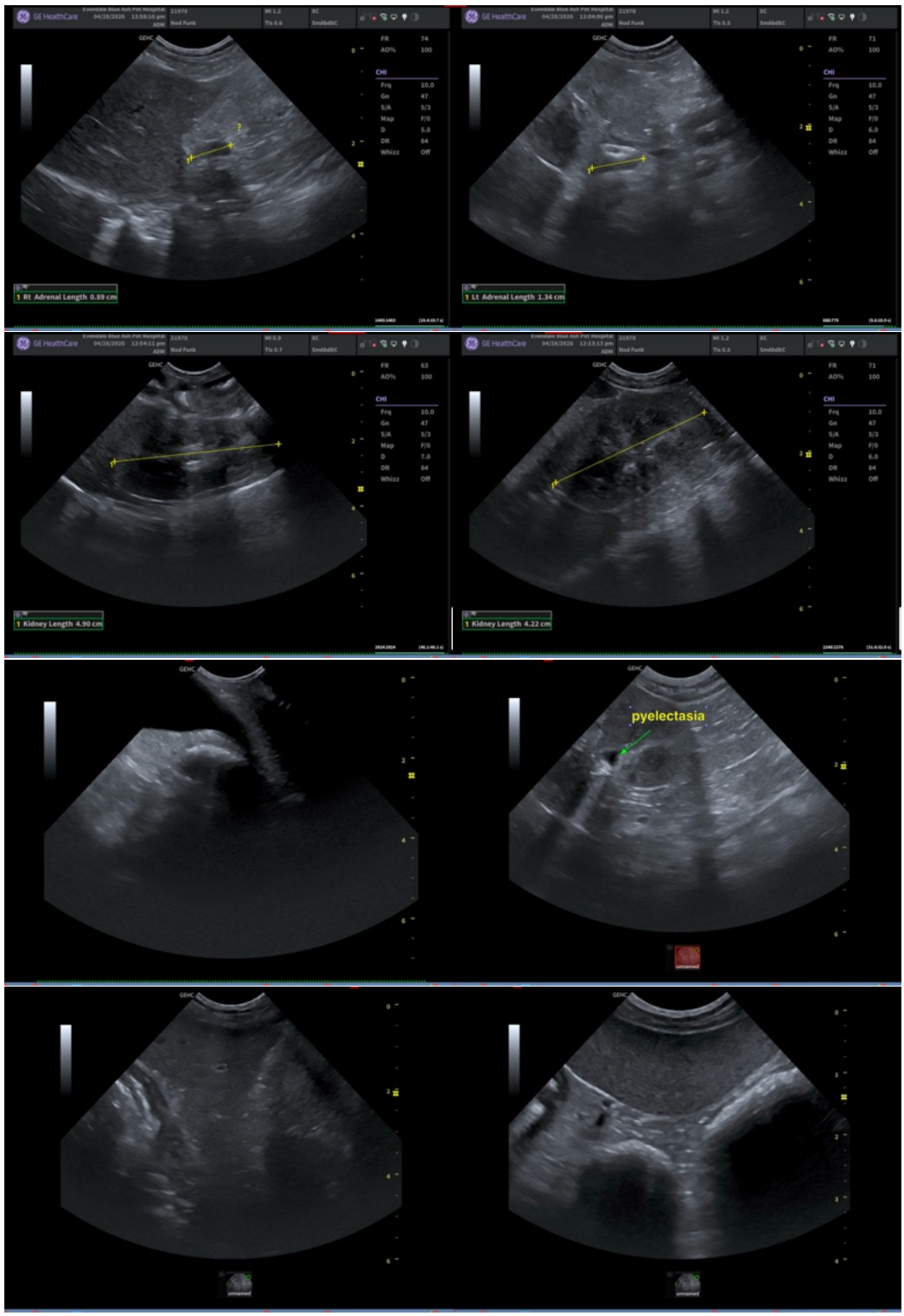

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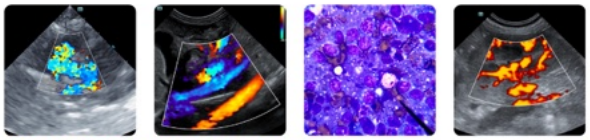

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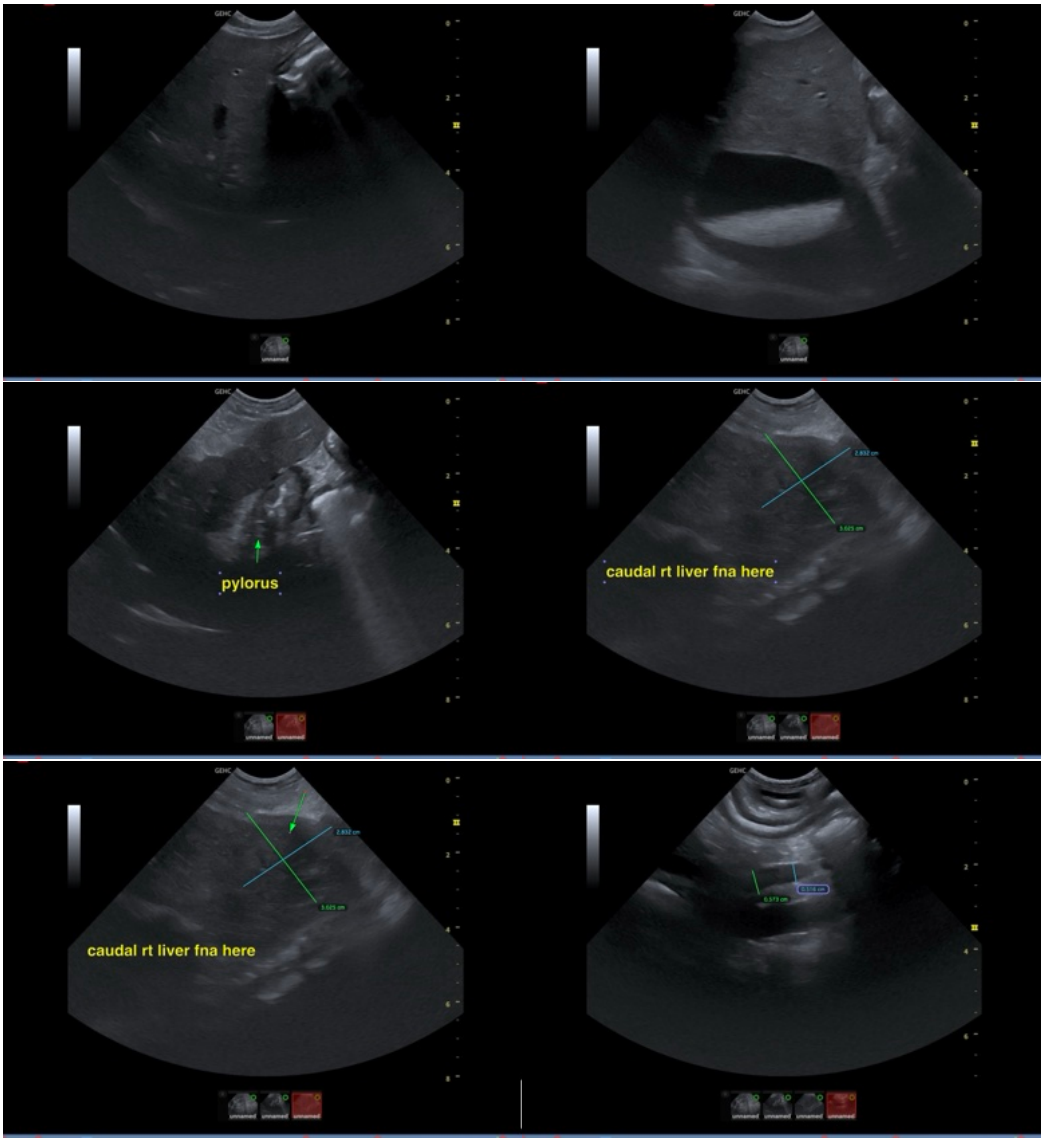

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

info@SonoPath.com