



PATIENT PRESENTING CLINICAL SIGNS

Nala Miller

SPECIES

Canine

BREED

Greyhound X

SEX

Spayed Female

AGE

5 Years 6 Months

WEIGHT

71.5 Pounds

PRESENTED FOR: Hyporrhea. HISTORY: Nala has copper storage disease (diagnosed with liver biopsies 12/30/2020). She also has urinary incontinence and diabetes insipidus. REPORTED SYMPTOMS: Owner reports that Nala is not interested in eating Royal Canin Hepatic dry food nor PVD NF. Owner reports that she switched the diet about a week ago to see if Nala would be more receptive to a different diet, but that the inconsistent appetite issue has been going on for a few weeks. Owner states that when Nala does eat, it takes her an hour to finish her food. Owner reports they have tried several things to get her to eat and finish her meal - owner reports that she has been blending the kibble with water in a blender and offering multiple times a day. She will eat tilapia, dried sweet potato, and fresh blueberries. Owner reports that when she does not want to eat the kibble she will turn away from it or go to owners for pets and to play. Nala was eating well until recently. DIET: switched to Royal Canin Hepatic dry food from PVD NF, because Nala was not eating it well. with 1 cup warm water and 1/2 fish fillet How much (include units): 1.5 cups; however she has only been eating about 1/2 cup blended with water Treats: dried sweet potato and fresh blueberries Human food: fish fillet 1/2 twice daily VITALS: 71.5 pounds Temperature: 101.4 Heart Rate: 120 bpm Respiratory Rate: 44 bpm Mucous Membrane Color: pink/tacky Capillary Refill Time: <2 CURRENT MEDICATIONS: Cerenia- 1/2 tablet of 60mg every 24 hours; SAME- 1 tablet every 24 hours; D-penicillamine- 1.4ml every 12 hours; Fish Oil- 2 pumps w/food 2 times a day; Liver Adjunctive- 3.5ml every 12 hours; Provable- 1 capsule every 24 hours; Vitamin E- 1 capsule every 24 hours; Desmopressin- 1 tablet every other day; Proin- 1 tablet every 24 hours EXAM FINDINGS: Body score 5/9 No apparent pain on abdominal palpation LAB RESULTS: CBC results reveal elevated pcv indicating dehydration. Chemistry panel reveals mildly elevated albumin (dehydration), elevated ALT at 366 (chronic), BUN at low end of normal, with slightly elevated glucose. Urinalysis results reveal uro 2, abundant red blood cells, pH 8, and Specific Gravity: 1.010. RapidBac test detected no bacteria. The blood may be due to sample collection. No abnormalities detected on AFAST. NOTE: Nala has a thick coat that was difficult to shave adequately, affecting the image quality. She was also stiff and maintained stented abdomen.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Agnes Rupley

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Agnes Rupley

INVOICE

42416

DATE

10/31/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** 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. The urethra was not visualized.

The **left kidney** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortex 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 capsule was acceptably uniform without significant irregularities. The left kidney measured 6.0 cm.

The **right kidney** was visualized obliquely.

Adrenal Glands

The **left adrenal gland** was not visualized.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen was folded upon itself cranially. 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.



PATIENT

Liver

Nala Miller

The **liver** revealed minor coarse architecture. Slight increased portal markings noted yet visibility was marginal. The gallbladder and common bile duct were unremarkable. No evidence of significant remodeling.

SPECIES

Canine

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.

BREED

Greyhound X

Pancreas

SEX

The visible **pancreas** was unremarkable.

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE

- Unremarkable abdomen with mild hepatic remodeling

5 Years 6 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Bile acid profile warranted for further definition and management.

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71.5 Pounds

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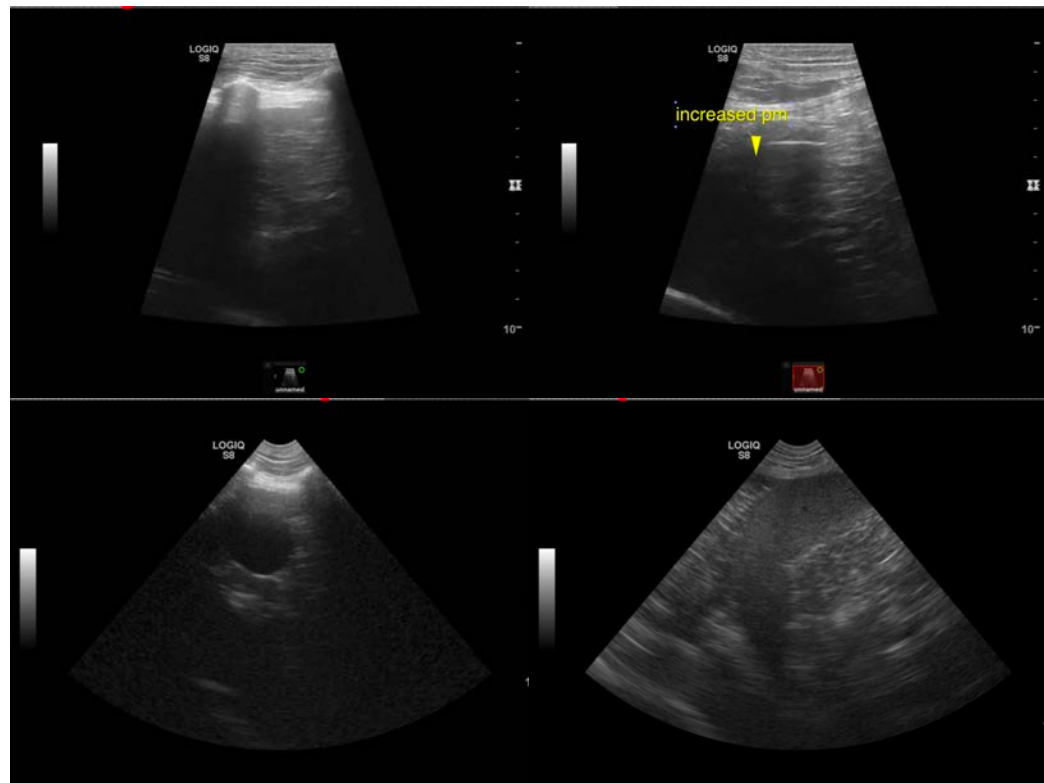
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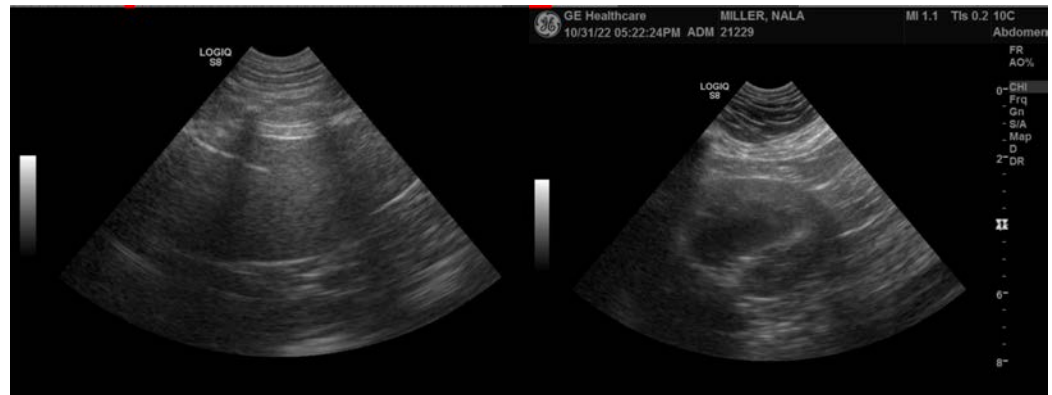
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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