



PATIENT PRESENTING CLINICAL SIGNS

Ellie Hall History: Encephalopathy-like signs.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: Normal.

BREED Serum Biochemistry: Normal, bile acids pending.

Poodle Mix Radiographic Findings: N/A.

SEX

Female

AGE

10 months

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Small urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT Normal trigone area, proximal urethra, and iliac blood vessels.

65 # Normal iliac lymph nodes. Ureters not visualized.

Normal renal size, echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

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Reproductive System

N/A.

Adrenal Glands

Normal shape, position, echogenic appearance, and size.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Small in size with normal echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

IMAGING PERFORMED BY

Tim Hunt

HOSPITAL NAME

Bayshore Veterinary Hospital

REFERRING VET

Tim Hunt

INVOICE

303834

DATE

1/31/23



PATIENT *Pancreas*

Ellie Hall Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.

No ascites.

BREED Normal size and ratio of the portal vein, caudal vena cava, and aorta with no turbulent flow evident.

Poodle Mix

ULTRASONOGRAPHIC FINDINGS

SEX

Primary findings:

Female

- Small liver.

AGE

Secondary findings:

10 months

- None.

WEIGHT

65 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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With the small liver and normal size and ratio of the portal vein, caudal vena cava, and aorta with no turbulent flow, primary portal vein hypoplasia (microvascular dysplasia) would be the most likely diagnosis, which would require a liver biopsy to confirm the diagnosis.

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Further assessment that could be considered would be CT angiography, if the pre-and post-prandial bile acids are abnormal,

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With the encephalopathy signs, management would be liver diet and lactulose.

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PATIENT IMAGES

Ellie Hall **Liver**

SPECIES

Canine

BREED

Poodle Mix

SEX

Female

AGE

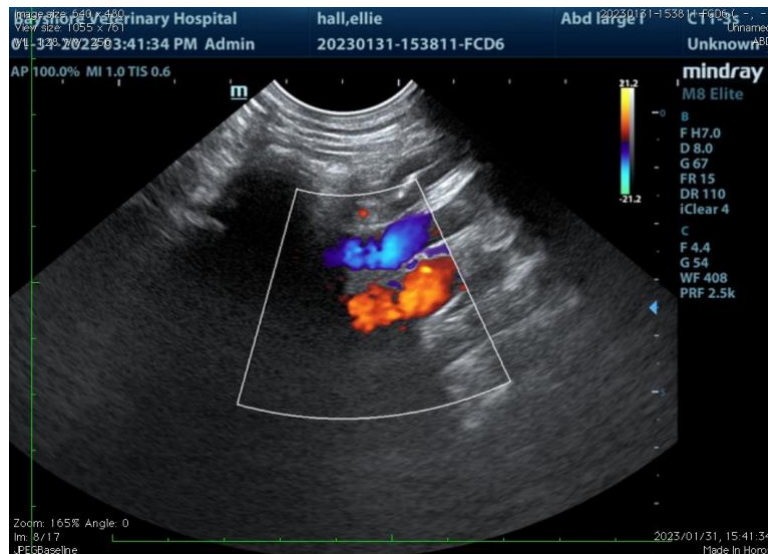
10 months

WEIGHT

65 #



Blood vessels



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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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