



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Brandy Moore
SPECIES Canine
BREED Chihuahua
SEX FS
Age 12½ years
WEIGHT 16.1 #

PRESENTING CLINICAL SIGNS
 History: Recently diagnosed diabetic. Anorexia and few episodes of vomiting.
 Physical Examination: N/A.
 Urinalysis: SG 1.020, pH 5, 1+ protein 3+, glucose, trace ketones.
 CBC: Neutrophilia, lymphopenia, eosinopenia.
 Serum Biochemistry: Elevated ALP and GGT activity, azotemia, glucose, cholesterol, fructosamine, and PSL. Low chloride.
 Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Small urinary bladder with a normal thickness and echogenic appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
 Normal trigone area, proximal urethra, and iliac blood vessels.
 Normal iliac lymph nodes. Ureters not visualized.

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

Reproductive System

N/A.

Adrenal Glands

Normal position, echogenic appearance, shape, and size.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Enlarged with rounded edges, diffuse mottled echogenic and nodular appearance, loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing moderate amount of non-adhered hyperechogenic sediment. Normal thickness and echogenic appearance 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. Irregular mass-like hyperechogenic structure in a loop of small intestine.

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
ECVIM

IMAGING PERFORMED BY

Dr Alexis Bogosian

HOSPITAL NAME

Animal Emergency Hospital
Volusia

REFERRING VET

Dr Alexis Bogosian

INVOICE

303816

DATE

1/26/23



PATIENT

Pancreas

Brandy Moore

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES

Free Abdomen

Canine

No mesenteric lymphadenomegaly.
No ascites.

BREED

Chihuahua

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

FS

- Nodular hepatopathy.
- Intestinal mass?

Age

12½ years

Secondary Findings:

- Gall bladder sediment.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be secondary to the diabetes, early nodular regeneration, chronic hepatitis, granulomatous disease, and infiltrative neoplasia.

The gall bladder sediment is most likely an incidental finding but should be monitored for possible development of a mucocele.

Further assessment would be FNA cytology of the liver. A Tru-Cut/wedge biopsy may, however, be required for a final etiological diagnosis.

Although the mass-like structure appears to be mural and associated with a small intestinal loop, it may merely be fecal material within the colon and this repeating the ultrasound after 24-36 hours would be recommended and if still present then FNA cytology and/or laparotomy would be indicated

Specific therapy would be dependent on an etiological diagnosis. Symptomatic therapy would be ursodiol.

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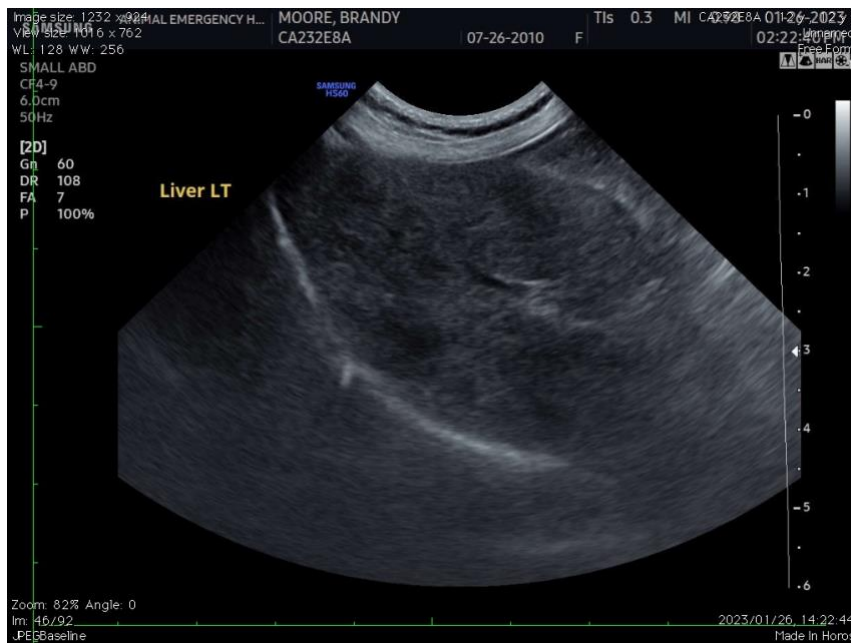
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IMAGES

Liver





PATIENT

Gall bladder

Brandy Moore

SPECIES

Canine

BREED

Chihuahua

SEX

FS

Age

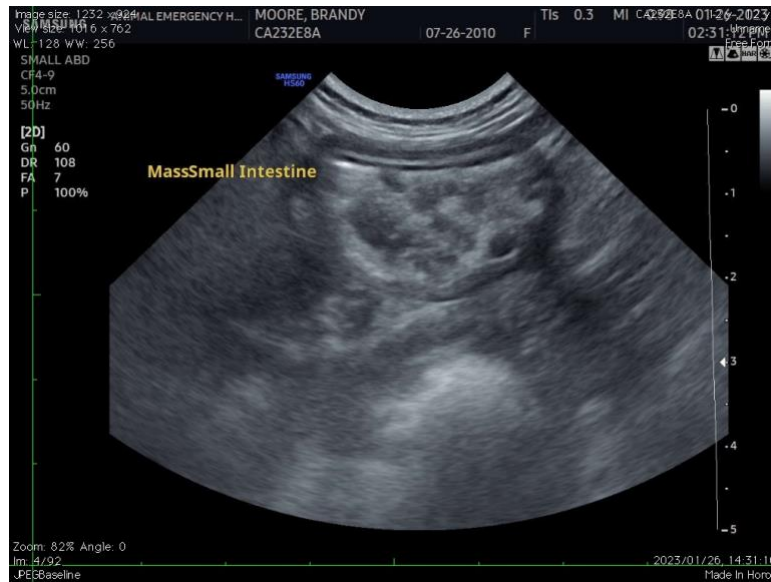
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Small intestine



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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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