



PATIENT PRESENTING CLINICAL SIGNS

Ike Willison History: Hepatomegaly, possible cholecystolithiasis or Bates body. Non-obstructive GI material.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Mild thrombocytopenia.

GSD Serum Biochemistry: N/A.
Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN **Urinary System**

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

10 years Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

WEIGHT Normal iliac lymph nodes (3.4 cm). Ureters not visualized.

105 # Normal renal size (left 8.3 cm, right 7.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Bilateral pinpoint mineralization and cortical cysts (up to 1.4 cm in size).

INTERPRETED BY **Reproductive System**

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM
Small hypoechogenic prostate (1 cm).

IMAGING PERFORMED BY **Adrenal Glands**

Sonya Myers, DVM Normal position, echogenic appearance, shape, and size. Left 0.53/0.47 cm, right 0.47/0.51 cm.

HOSPITAL NAME **Spleen**

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

REFERRING VET **Liver**

Dr Wilder Enlarged with rounded edges, diffuse hyperechogenic and nodular appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are hypoechogenic, parenchymal, and of various sizes. FNA taken with no obvious post aspirate hemorrhage. No masses evident. Full gall bladder containing large amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.3 cm).

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PATIENT *Gastrointestinal*

Ike Willison Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.47 cm, duodenum 0.47 cm, jejunum 0.44 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Canine

Pancreas

Normal size and (right 2.3 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

GSD

Free Abdomen
SEX

Normal mesenteric lymph nodes (5.4 cm).

Small amount of ascites.

MN

Well circumscribed hyperechogenic encapsulated nodule in the cranial mesentery with associated hyperechoic appearance of surrounding mesentery. FNA taken with no obvious post aspirate hemorrhage.

Age

10 years

WEIGHT **ULTRASONOGRAPHIC FINDINGS**

105 #

Primary Findings:

- Mesenteric nodule.
- Nodular hepatopathy.
- Ascites.

Secondary Findings:

- Age-related renal changes.
- Gall bladder sediment.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Lake Emma Animal
 Hospital

REFERRING VET

Dr Wilder

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

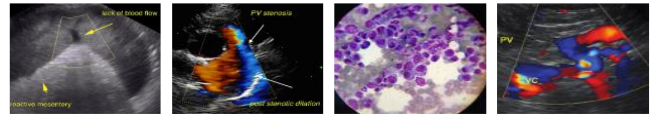
Etiologies for the mesenteric nodule would be cyst, granuloma, abscess, and neoplasia.

Etiologies for the nodular hepatopathy would be reactive, nodular hyperplasia, granulomatous disease, chronic hepatitis, and neoplasia.

Although the gall bladder is most likely an incidental finding, monitoring for the development of a mucocele would be recommended.

Further assessment needs to be based on the pending cytology results. Laparotomy may, however, be required for a final diagnosis.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management of the liver and gall bladder would be ursodiol.



PATIENT

Ike Willison

SPECIES

Canine

BREED

GSD

SEX

MN

Age

10 years

WEIGHT

105 #

INTERPRETED BY

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 MMedVet (Med), PhD,
 Dipl. ECVIM

IMAGING PERFORMED BY

Sonya Myers, DVM

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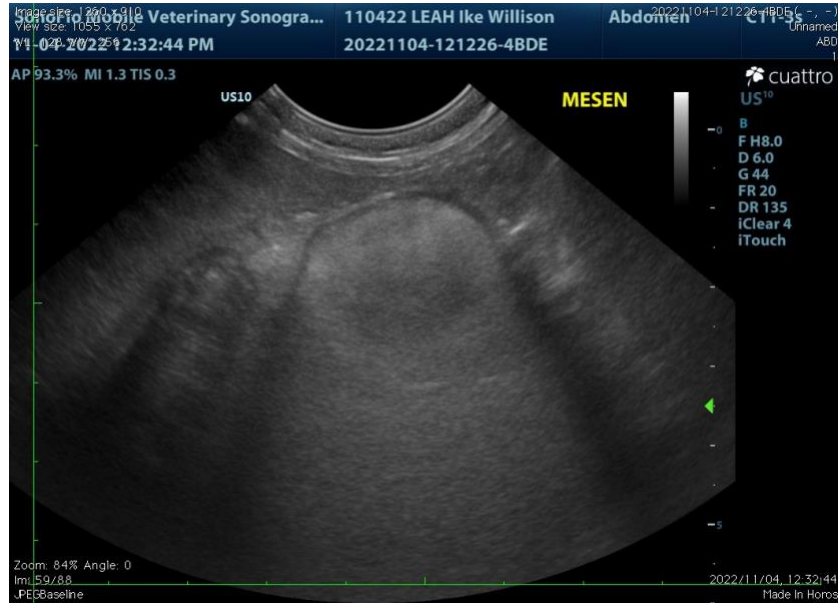
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IMAGES

Mesentery



Liver





PATIENT Gall bladder

Ike Willison

SPECIES

Canine

BREED

GSD

SEX

MN

Age

10 years

WEIGHT

105 #

Left kidney

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

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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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