



PATIENT PRESENTING CLINICAL SIGNS

Misty Brotz History: Inappetence, lethargy.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

CBC: N/A

BREED Serum Biochemistry: Elevated bilirubin.

DSH Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS **Urinary System**

Age Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hyperechogenic sediment present. No uroliths evident.

6 years

WEIGHT Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

8 # Normal iliac lymph nodes. Ureters not visualized.

Normal size (left 3.6 cm, right 3.8 cm), echogenic appearance, cortico-medullary differentiation, capsule, and pelvis.

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Reproductive System

N/A.

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.38 cm, right 0.34 cm.

Spleen

Normal size (0.8 cm) 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 hypoechogenic appearance, prominent portal markings, and regular curvilinear capsule. No nodules or masses evident. Distended gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Tortious appearance of the cystic bile duct containing hyperechogenic sediment but not dilated. Normal appearance of the common bile duct (0.2 cm).

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.19 cm, colon 0.19 cm) and peristaltic activity, and no distension of the lumen.

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Caja

INVOICE

303614

DATE

12/1/22



PATIENT *Pancreas*

Misty Brotz Enlarged (right 0.9 cm, left 1 cm) with a diffuse hypoechoogenic appearance and irregular capsule. Hyperechoogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Feline Normal mesenteric lymph nodes (0.3 x 9 cm).
No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

DSH Primary Findings:

- SEX**
- Pancreatitis.
 - Hepatopathy.
 - Distended gall bladder.

Age Secondary Findings:

- 6 years
- Gall and urinary bladder sediment.

WEIGHT **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

8 #

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Etiologies for the hepatopathy would be secondary to the pancreatitis, cholangio-hepatitis complex, lipidosis, granulomatous disease, and infiltrative neoplasia.

The distended gall bladder and tortuous bile duct can be ascribed to the pancreatitis.

Further assessment would be urinalysis, fPL/PSL assay, and FNA cytology of the liver.

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Sonya Myers, DVM

Management would be fluid therapy and correction of electrolyte anomalies as needed, low-fat intestinal diet, analgesics, anti-emetics, and ursodiol. Ultrasound monitoring of the gall bladder and bile duct is recommended and if there is progressive distension then surgical stenting of the bile duct may be required.

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PATIENT IMAGES

Misty Brotz **Liver**

SPECIES

Feline

BREED

DSH

SEX

FS

Age

6 years

WEIGHT

8 #



Gall bladder/bile duct

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PATIENT Pancreas

Misty Brotz

SPECIES

Feline

BREED

DSH

SEX

FS

Age

6 years

WEIGHT

8 #



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 MMedVet (Med), PhD, Dipl.
 ECVIM

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.

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