



**PATIENT PRESENTING CLINICAL SIGNS**

Romeo Strachan History: Decreased appetite and lethargy. FeLV positive. Treated symptomatically for pancreatitis as well as with prednisolone.

**SPECIES** Physical Examination: N/A.

Feline Urinalysis: N/A.

**BREED** CBC: Regenerative anemia.

DSH Serum Biochemistry: Elevated bilirubin, abnormal fPL.

Radiographic Findings: N/A

**SEX**

MN

**AGE**

10 years

**WEIGHT**

8 kg

**INTERPRETED BY**

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

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal appearance and thickness of the wall. Large amount of floating hypoechogenic sediment as well as dependent hyperechogenic sediment/small uroliths evident.

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.7 cm, right 4.3 cm), echogenic appearance, cortico-medullary differentiation, blood flow, pelvis, and capsule.

**Reproductive System**

N/A.

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 0.48 cm, right 0.57 cm.

**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**

Enlarged with rounded edges, increased echogenic and coarse appearance, and some loss of portal markings. Ill-defined hyperechogenic non-vascularized parenchymal mass (2.1 x 1.1 cm) with anechoic border. Distended gall bladder (4 x 1.2 cm) containing large amount of hypoechogenic sediment. Normal thickness and 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.

**IMAGING PERFORMED BY**

Dr Donna Markland,  
DVM

**HOSPITAL NAME**

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**DATE**

12/3/21



**PATIENT** *Pancreas*

Romeo Strachan Normal size with a diffuse hyperechogenic and nodular appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Feline No mesenteric lymphadenomegaly.  
Small amount acellular ascites.

**BREED** **ULTRASONOGRAPHIC FINDINGS**

DSH Primary Findings:

- SEX**
- MN
- AGE**
- Pancreatitis.
  - Hepatopathy.
  - Hepatic nodule.
  - Urinary bladder sediment.

10 years Secondary Findings:

- WEIGHT**
- 8 kg
- Gall bladder sediment.
  - Ascites.

**INTERPRETED BY** **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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

The appearance of the pancreas is typical for pancreatitis.

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

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Etiologies for the hepatic mass would be hematoma, abscess, granuloma, neoplasia.

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DVM

Etiologies for the urinary bladder sediment would be cystitis (bacterial, sterile), hemorrhage, crystalluria, urolithiasis.

**HOSPITAL NAME** The gall bladder is most likely secondary to the hepatopathy and the anemia.

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The ascites can be ascribed as secondary to the pancreatitis, hepatopathy and anemia.

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With the bilirubinemia and regenerative anemia, an important consideration would be hemolytic anemia – immune-mediated (primary or secondary), hemoplasmosis, toxins, cytauxzoonosis.

Further assessment would be urinalysis, urine culture, hematology, in-saline-agglutination and/or Coombs' test, quantitative fPL/PSL assay, and possibly FNA cytology of the liver and hepatic nodule.

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**PATIENT IMAGES**

Romeo Strachan **Urinary bladder**

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

10 years

**WEIGHT**

8 kg

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**HOSPITAL NAME**

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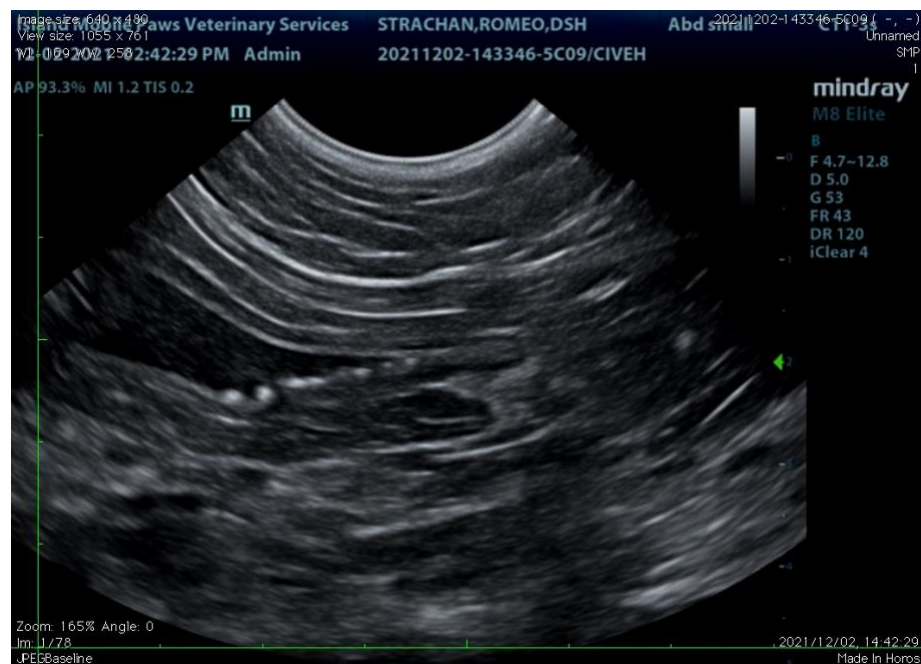
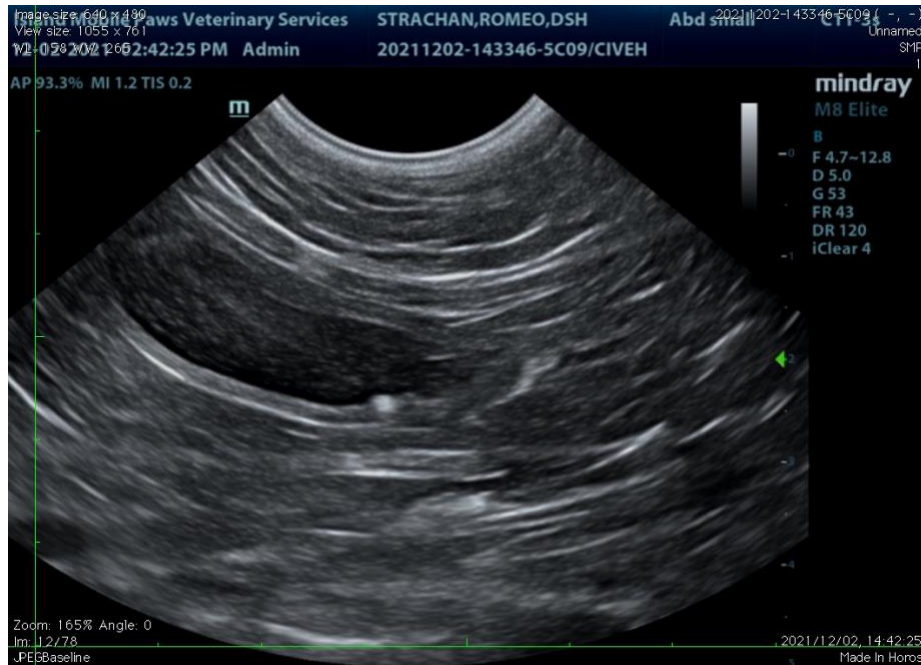
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**PATIENT** Liver

Romeo Strachan

**SPECIES**

Feline

**BREED**

DSH

**SEX**

MN

**AGE**

10 years

**WEIGHT**

8 kg

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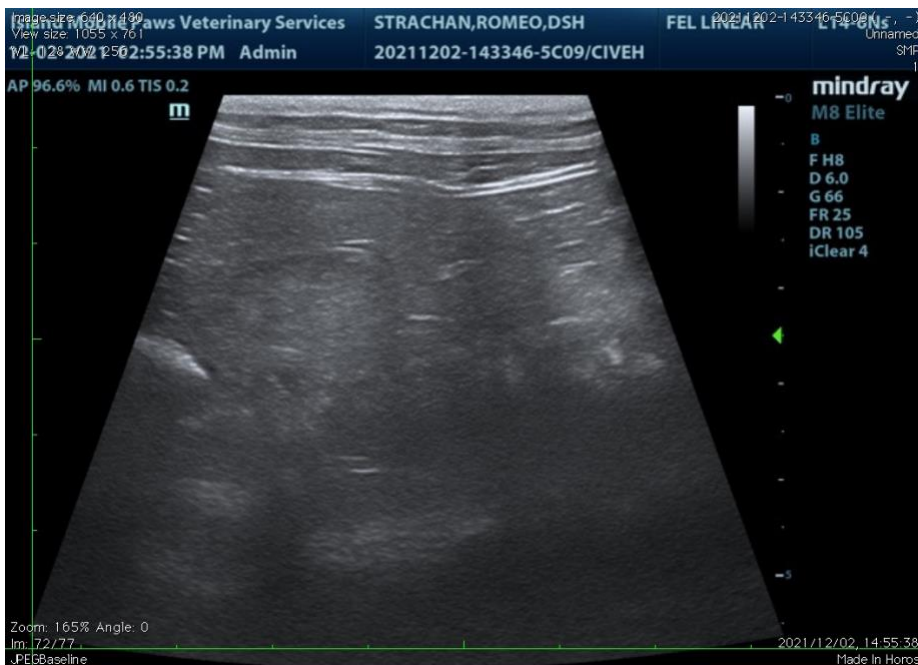
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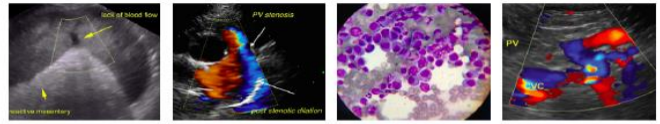
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**PATIENT Pancreas**

Romeo Strachan

**SPECIES**

Feline

**BREED**

DSH

**SEX**

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**AGE**

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**WEIGHT**

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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.

**IMAGING PERFORMED BY**

Dr Donna Markland,  
DVM

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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[rlobetti@mweb.co.za](mailto:rlobetti@mweb.co.za)

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