



## PATIENT PRESENTING CLINICAL SIGNS

**Diesel Morrison** History: Presented for significant abdominal distension. Progressive weight loss and muscle wasting over 2 months.

## SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: Marked abdominal distension. Abdominocentesis for relief performed prior to ultrasound (blood-tinged fluid). FNA from right lateral mass-like structure pending (clear fluid aspirated from cyst-like structure mid abdomen). CBC: Regenerative anemia - Hct 29.4 (n>30), reticulocytosis CHEM WNL

## BREED

DMH

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### SEX

Neutered Male

### Urinary System

The urinary bladder wall is normal in thickness. The mucosal surface is smooth. The bladder is mildly distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and visible portion of the proximal urethra are normal.

### AGE

12

The left kidney is normal in size (4.26 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

### WEIGHT

7.5 kg

The right kidney is normal in size (4.10 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal- to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

## INTERPRETED BY

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

### Adrenal Glands

The region of the adrenal glands is evaluated. No obvious pathology is observed in this region.

### Spleen

The spleen is normal in size (0.59 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

## IMAGING PERFORMED BY

Natalia Franco

### Liver

The liver is enlarged, with irregular peripheral contours. Numerous, varying-sized, coalescing, heterogenous cystic masses are observed throughout the organ with minimal normal-appearing hepatic parenchyma.

## HOSPITAL NAME

Eagleson VC

The gallbladder difficult to differentiate from the cystic lesions within the hepatic parenchyma. What is thought to represent gallbladder appears moderately-distended. The wall is variably and severely thickened and hyperechoic. Echogenic debris is suspended within the lumen.

## REFERRING VET

Orisha Yacyshyn

### Gastrointestinal

The gastric lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

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### Pancreas

A portion of the pancreas is obscured by the mass effect in the cranial abdomen. In the visualized portion of the left limb, it appears normal- to prominent-in-size, with minimal deviation from the normal peripheral contours. The parenchyma is slightly hypoechoic relative to surrounding omental fat and subtly mottled in



**PATIENT** appearance. The pancreatic duct is not overtly dilated.

**Diesel Morrison** **Lymph Nodes**  
The abdominal lymph nodes are normal/not visible.

**SPECIES** **Free Abdomen**

**Feline** The mesentery throughout the abdomen is hyperechoic. A moderate- to large amount of echogenic free fluid is observed.

**BREED** **ULTRASONOGRAPHIC FINDINGS**

**DMH** **Primary Findings**

**SEX** • Numerous coalescing cystic hepatic masses. Considerations include biliary cystadenomas, biliary cystadenocarcinomas, other.

Neutered Male

**AGE** • Possible gallbladder wall thickening, suggestive of cholecystitis. However, age-related hyperplasia and/or infiltrative neoplasia cannot be excluded.

12 • Ascites with diffuse peritonitis, likely secondary to hepatic pathology

**WEIGHT** **Secondary Findings**

7.5 kg • Mild bilateral nonspecific age-related renal changes

• The pancreatic changes are most consistent with age-related parenchymal remodeling, potentially secondary to a prior inflammatory episode, early fibrosis or chronic pancreatitis.

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Diplomate ACVIM  
(Small Animal Internal  
Medicine)

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- Depending on the results from the abdominal mass cytology, consultation with a board-certified oncologist and/or surgeon may be indicated.

**IMAGING PERFORMED BY**

Natalia Franco

**HOSPITAL NAME**

Eagleson VC

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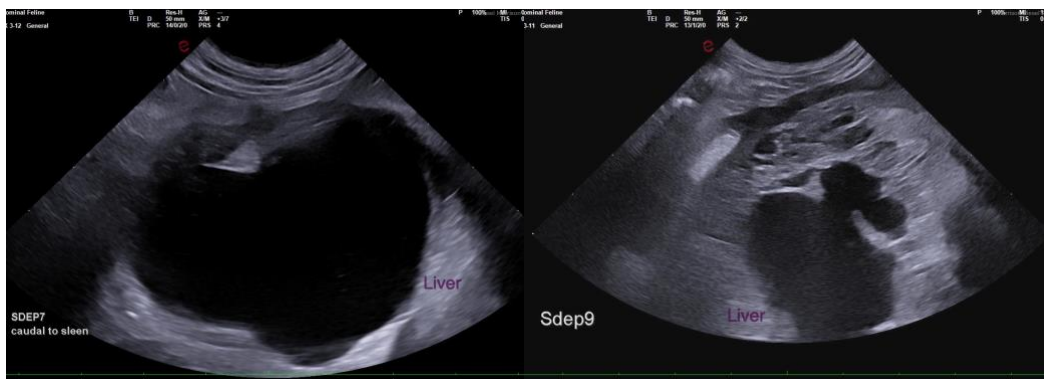
Orisha Yacyshyn

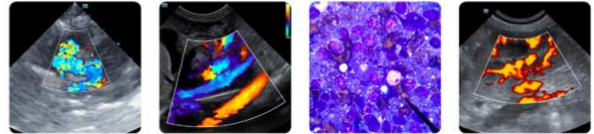
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**PATIENT**

Diesel Morrison

**SPECIES**

Feline

**BREED**

DMH

**SEX**

Neutered Male

**AGE**

12

**WEIGHT**

7.5 kg

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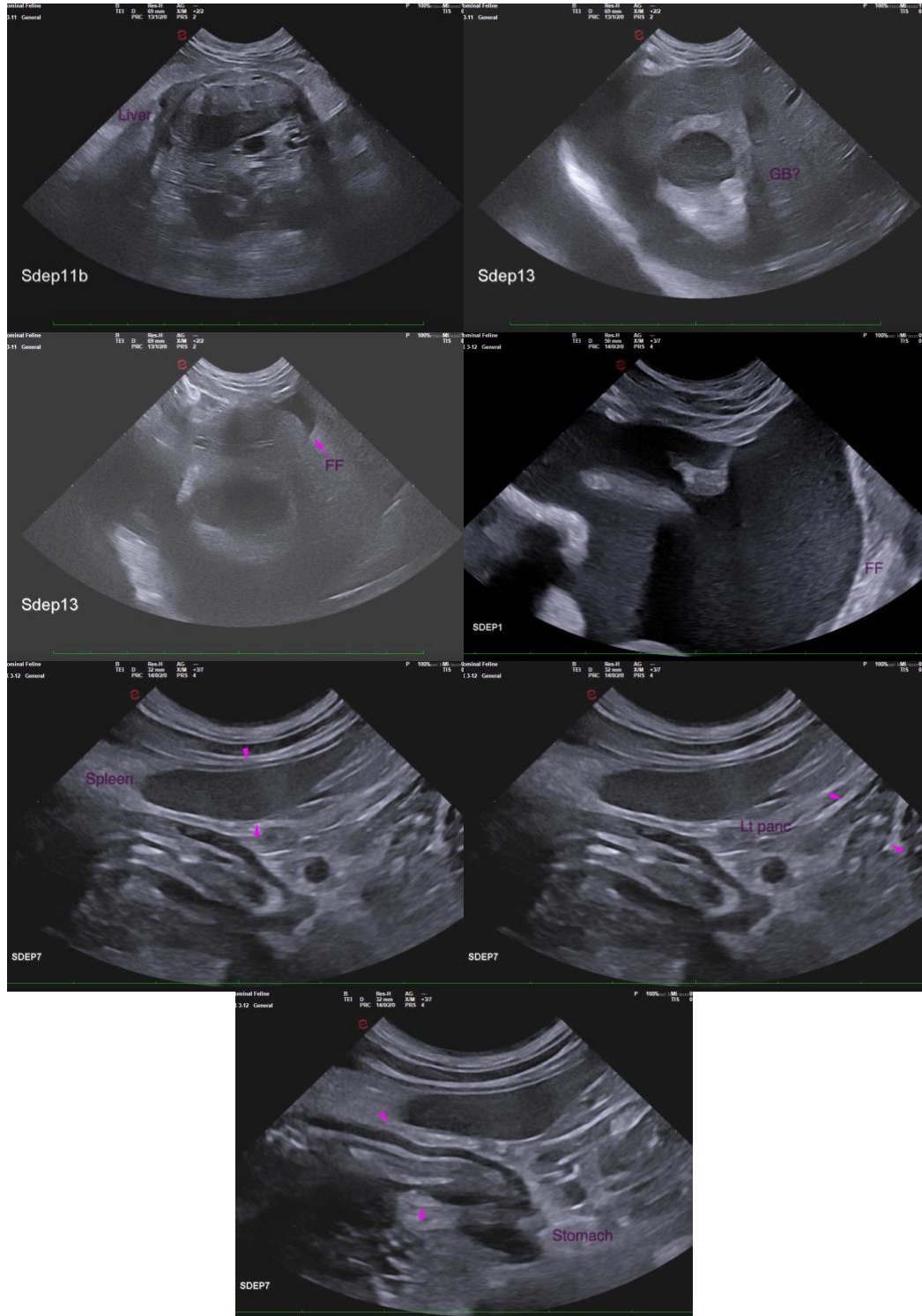
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



## PATIENT

Diesel Morrison

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.

## SPECIES

Feline

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## BREED

DMH

## SEX

Neutered Male

## AGE

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## WEIGHT

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