



**PATIENT**

Mouse Budbill

**PRESENTING CLINICAL SIGNS**

O found p 6 days ago, no microchip and so far unsuccessful in finding owners. P has had persistent diarrhea, now having drops of blood in diarrhea. P is e/d well, no csv. P is currently fed blue buffalo.

**SPECIES**

Feline

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. The region of the trigone is normal.

**BREED**

Domestic shorthair

The left kidney is normal size (3.79 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**SEX**

Female

The right kidney is normal size (3.75 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

**AGE**

Approx 13 Yrs.

*Adrenal Glands*

**WEIGHT**

2.0 kg.

The left adrenal gland is borderline enlarged (0.54 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

**INTERPRETED BY**

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

The region of the right adrenal gland is evaluated. No obvious pathology is observed.

*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**

Dr. Ebert

*Liver*

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein: caudal vena cava ratio is approximately 1:1. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small amount of suspended echogenic debris is observed within the lumen. The cystic and common bile ducts are normal/not seen.

**HOSPITAL NAME**

Wilvet Salem

**REFERRING VET**

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*Gastrointestinal*

The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is segmentally dilated with chyme. In the mid-abdominal region, a >4 cm irregular echogenic mass appears to be arising from bowel. There is complete loss of the normal layering pattern in this region. In the remaining small intestinal segments the wall is normal in thickness with a normal layering pattern and appropriate mural detail. The colonic wall is normal.

**INVOICE**

14556

**DATE**

2/7/23



## PATIENT

*Pancreas*

Mouse Budbill

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

## SPECIES

*Free Abdomen*

Feline

There is no obvious evidence of free fluid. The abdominal lymph nodes are normal/not visible.

## BREED

Domestic shorthair

## ULTRASONOGRAPHIC FINDINGS

### Primary Findings:

- Mid-abdominal mass suspected to be of bowel origin. Neoplasia (i.e., adenocarcinoma, lymphoma, leiomyosarcoma) is suspected with a lower possibility of a focal inflammatory process (i.e., pyogranulomatous).

## SEX

Female

### Secondary Findings:

- Bilateral, chronic age-related renal changes.
- The borderline left adrenomegaly may be secondary to stress, hyperplasia or less likely, an emerging tumor.

## AGE

Approx 13 Yrs.

## WEIGHT

2.0 kg.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Three-view thoracic radiographs are recommended to assess for pulmonary metastases.
- A fine needle aspirate of the mid-abdominal mass is recommended if clotting status is appropriate. If cytology results are inconclusive, biopsies may be necessary to get a definitive diagnosis.

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**PATIENT**

Mouse Budbill

**SPECIES**

Feline

**BREED**

Domestic shorthair

**SEX**

Female

**AGE**

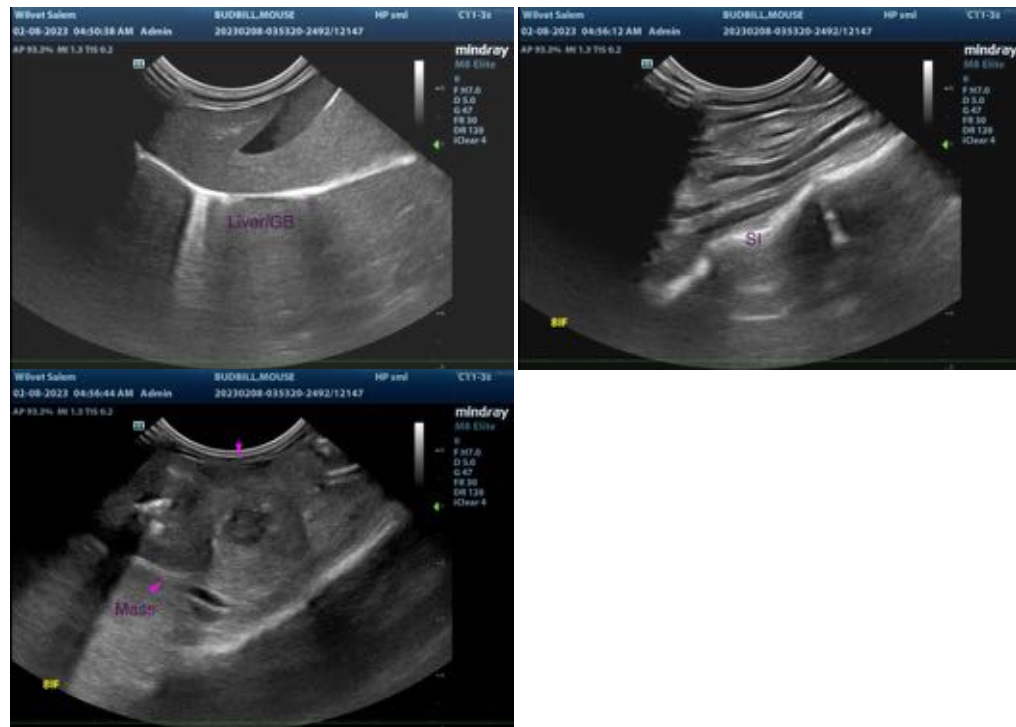
Approx 13 Yrs.

**WEIGHT**

2.0 kg.

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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.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
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