

**PATIENT PRESENTING CLINICAL SIGNS**

Romeo Janzen

Romeo has had his first bout of diarrhea on Dec 16, 22. Responded well to supportive care and prebiotic/probiotic fibre supp and had normal BMs for the past month. Now having another flare up of diarrhea that started Monday and has been soft and occasionally speckled with blood. He is acting clinically normal and no vomiting or lethargy present. Was always being fed Purina PVD OM but has been on the GI biome diet for the last two days. Recheck CBC and parasite screening pending. Fortiflora.

**SPECIES**

Feline

**BREED**

DSH

Abnormal PE/Chem/CBC/UA Results: Dec 16/22 bloodwork was unremarkable other than a low normal hematocrit and mildly low hemoglobin and RBCs. Rads NSF.

**SEX**

Neutered Male

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

**AGE**

11 Years

The right kidney is normal in size (4.86 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

**WEIGHT**

7.18 kg

The left kidney is normal in size (4.49 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**Adrenal Glands**

The right adrenal gland is normal in size (0.70 cm long x 0.40 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

**IMAGING PERFORMED BY**

Crystal Hill

The left adrenal gland is normal in size (0.70 cm long x 0.43 cm thick), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

**HOSPITAL NAME**

Upper Canada AH

**Spleen**

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

**REFERRING VET**

Dr. Dickie

**Liver**

The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

**INVOICE**

44807

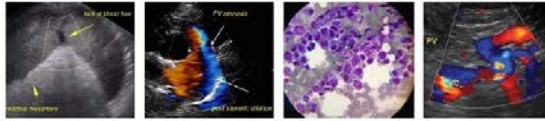
**DATE**

2/7/23

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

**Gastrointestinal**

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.



**PATIENT**

Romeo Janzen

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease. \*\*See large bowel.

**SPECIES**

Feline

The visible colon appears normal. However, at the level of ileocecolic junction, there is an approximately 5-6 cm long heterogeneous, primarily hypoechoic bowel mass that appears primarily ileal in origin, but appears to involve the ileocecolic junction, and results in a thick heterogeneous bowel wall with complete loss of layering. The mesenteric fat surrounding the mass is enhanced/hyperechoic.

**BREED**

DSH

**Pancreas**

**SEX**

Neutered Male

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

**AGE**

11 Years

**Free Abdomen**

There is no evidence of free peritoneal effusion noted in these images.

**WEIGHT**

7.18 kg

There is no apparent lymphadenopathy noted in these images.

**ULTRASONOGRAPHIC FINDINGS**

- Bowel mass, believed to be ileum and potentially involving the ileocecolic junction – most concerning for infiltrative neoplasia such as lymphoma versus adenocarcinoma versus other. A benign lesion is considered much less likely.

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Three view thoracic radiographs are recommended for further assessment of cardio-pulmonary status as well as to further evaluate for any evidence of metastatic disease, if not recently evaluated.

A fine needle aspirate of the bowel mass is recommended if patient's coagulation status is appropriate. If a diagnosis is not obtained cytologically, an exploratory laparotomy for planned bowel mass removal could be considered. Consultation with a veterinary surgeon may be helpful, given the location.

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

Upper Canada AH

**REFERRING VET**

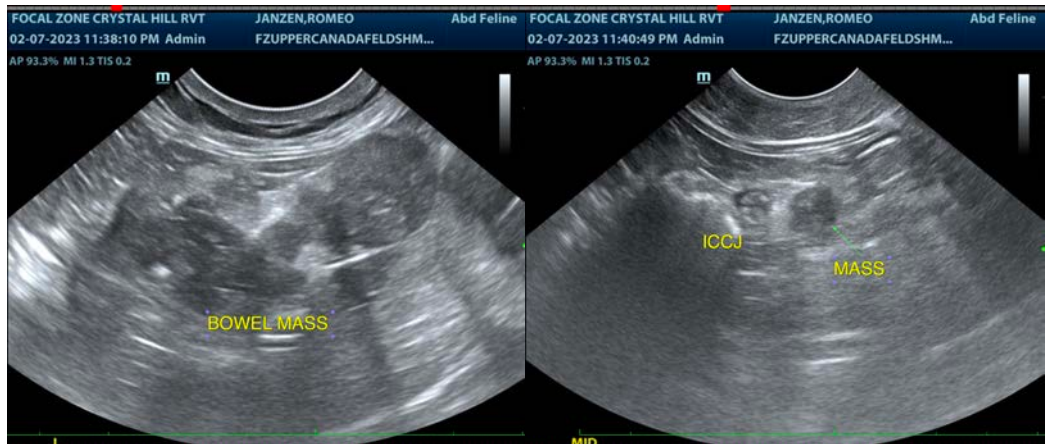
Dr. Dickie

**INVOICE**

44807

**DATE**

2/7/23





**PATIENT**

Romeo Janzen

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

7.18 kg

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

Upper Canada AH

**REFERRING VET**

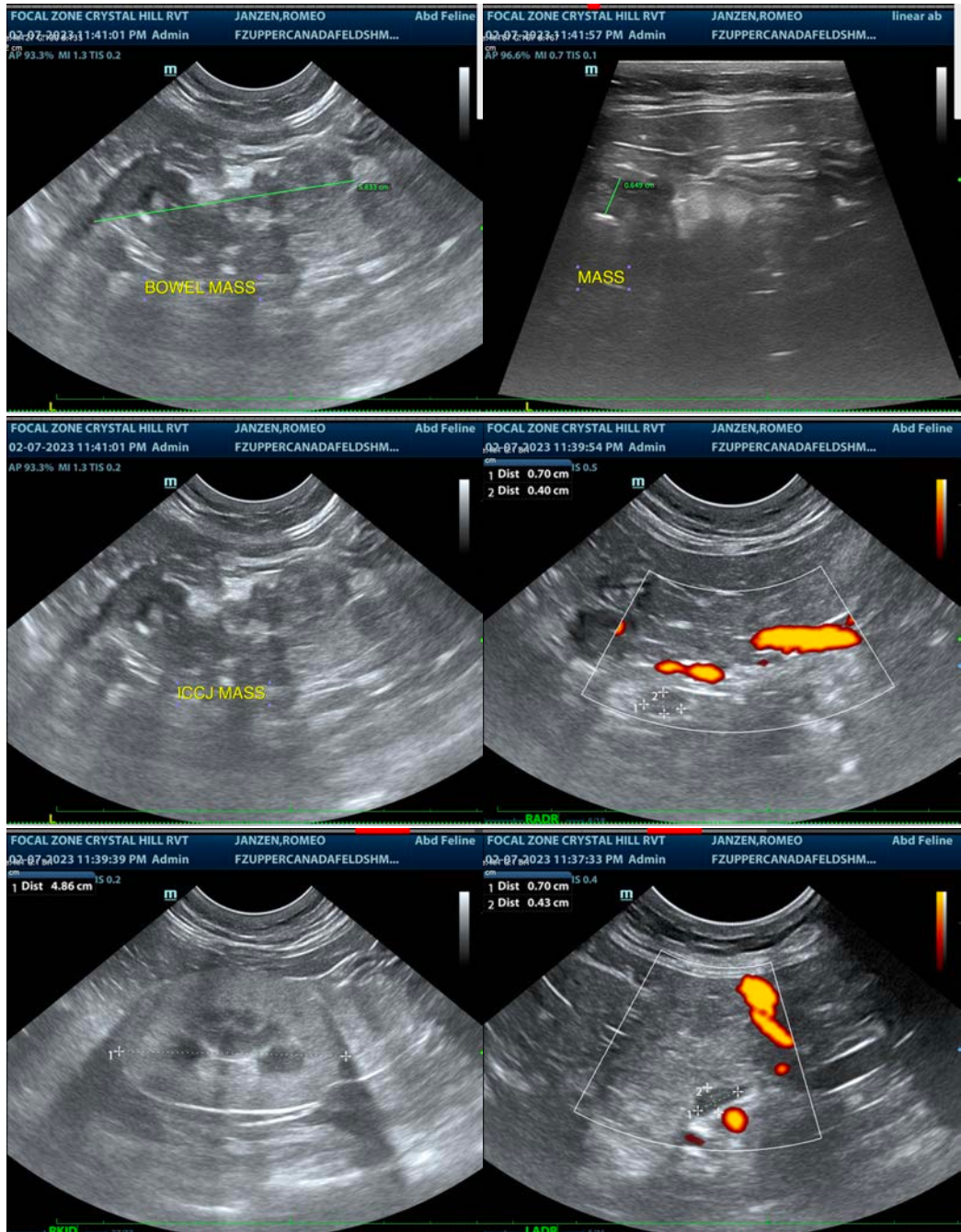
Dr. Dickie

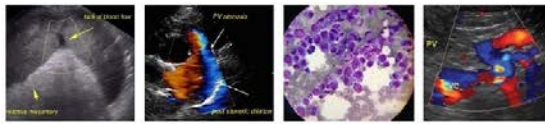
**INVOICE**

44807

**DATE**

2/7/23





**PATIENT**

Romeo Janzen

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Neutered Male

**AGE**

11 Years

**WEIGHT**

7.18 kg

**INTERPRETED BY**

Beth Johnson, DVM  
DACVIM

**IMAGING  
PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

Upper Canada AH

**REFERRING VET**

Dr. Dickie

**INVOICE**

44807

**DATE**

2/7/23



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.

**Beth Johnson, DVM, DACVIM**  
Beth.Johnson@sonopath.com