



**PATIENT PRESENTING CLINICAL SIGNS**

Lucy Dimmers bloody diarrhea for 2 days, no vomiting, attitude BAR, still eating loves to chew on elastics  
 Abnormal PE/Chem/CBC/UA Results: CBC, blood chem, fPL- WNL

**SPECIES RADIOGRAPHIC STUDY OF THE ABDOMEN AND THORAX**

Feline Radiographs of the abdomen and thorax in three imaging planes are provided for review.

**RADIOGRAPHIC FINDINGS**

**BREED Abdomen**

DSH The stomach contains a moderate amount of gas admixed with heterogeneous opaque food material, which redistributes normally with changes in patient position.

**SEX** The small intestine is loosely coiled, mildly distended, and contains an abnormally moderate amount of gas and soft tissue opaque fluid.

Female Spayed

**AGE** Better seen on the lateral views, a soft tissue mass effect associated with the colorectal junction is seen superimposed, with narrowing of the gas column of the rectal junction, and the adjacent wall is subjectively thickened. The mass effect measures approximately 1.1 cm length x 0.8cm height.

8 Years Only seen on the VD view, a rounded soft tissue mass effect is seen superimposed on the proximal ascending colonic portion and mesenteric lymph node region, with subjective wall thickness. Also, mineralized sediment (gravel sign) is seen. The mass effect measures approximately 2.2 x 1.5cm. The remainder of the colon is normal and filled with intraluminal air.

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The caudoventral margins of the hepatic silhouette are mildly elongated and convex in peripheral contour.

Better seen on the VD view, the left lobe of the pancreas is mildly enlarged with poorly defined wispy soft tissue/fluid opaque margins against the adjacent mesenteric fat stores and abaxial displacement of the spleen and left colon is noted.

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The remainder of the abdominal serosal detail is normal.

The spleen and renal silhouettes are normal in size, shape, and contour. The left kidney measures 2.3 times the length of the 2nd lumbar vertebra, and the right kidney measures approximately 2.5 times the length of the 2nd lumbar vertebra.

**REFERRING VET**

Dr. Jui Gokhale

The urinary bladder is homogenously soft tissue opaque and moderately to severely distended with the apex in the plane of the 5th lumbar vertebra.

**INVOICE Thorax**

56089 Within the cranial mediastinum is a rounded well-defined soft tissue mass, and the cranial thoracic trachea is dorsally dislocated. It measures approximately 3.2cm x 2.5cm.

**DATE** The cardiac silhouette is of normal to minimally increased overall size.

1-10-23



**PATIENT** The pulmonary parenchyma, vasculature, and pleura are within normal limits.

Lucy Dimmers The musculoskeletal structures are unremarkable.

**RADIOGRAPHIC DIAGNOSIS**

- SPECIES**
- Suspect multifocal, ascendant colonic and colorectal mass, subjective wall thickness, and focal gravel sign.
  - Subjective enlargement of the left limb of pancreas.
  - Mild hepatomegaly.
- BREED**
- Mediastinal mass.
  - Mild cardiomegaly

Feline

DSH

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX**

Female Spayed

The multifocal abdominal mass is most likely associated with the ascending colon and colorectal mass. The differential diagnosis is most consistent with neoplasia such as lymphoma. Other differential diagnoses for the mass effect include mesenteric and caudal abdominal lymphadenopathy (neoplastic, most likely), intestinal carcinoma, and less likely granuloma or abscess. The gravel sign could indicate concurrent chronic partial intestinal obstruction. An abdominal ultrasound is more sensitive to evaluate the gastrointestinal wall layering and thickness.

**AGE**

8 Years

The differential diagnosis for the mediastinal mass includes lymphoma, especially with correlation to the radiographic abdominal findings. Other differential diagnoses such as thymoma, ectopic thyroid mass, and thymoma are less likely.

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The enlarged pancreas could be incidental. Other differential diagnosis includes secondary to pancreatitis.

The mild generalized hepatic enlargement could be an individual variation. Other differential diagnosis includes secondary to metabolic, inflammatory, or infiltrative disease.

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Differential diagnoses for the overall cardiac silhouette size includes individual variation or compensated cardiomyopathy (e.g., hypertrophic cardiomyopathy). Correlate cardiac disease to clinical findings such as presence of murmur and consider additional diagnostics such as EKG or echocardiogram.

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Abdominal ultrasound is suggested to further evaluate the gastrointestinal tract and abdominal viscera, with fine-needle aspirates for cytology if attainable. In addition, a Noncardiac ultrasound is suggested in guiding fine needle aspirates of the mediastinal mass for cytologic evaluation.

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Lucy Dimmers

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Female Spayed

**AGE**

8 Years

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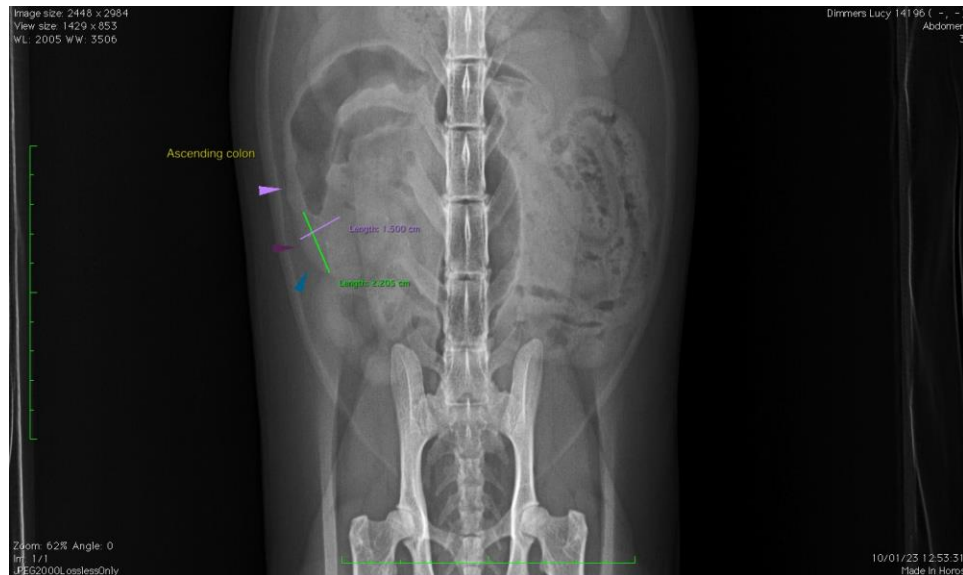
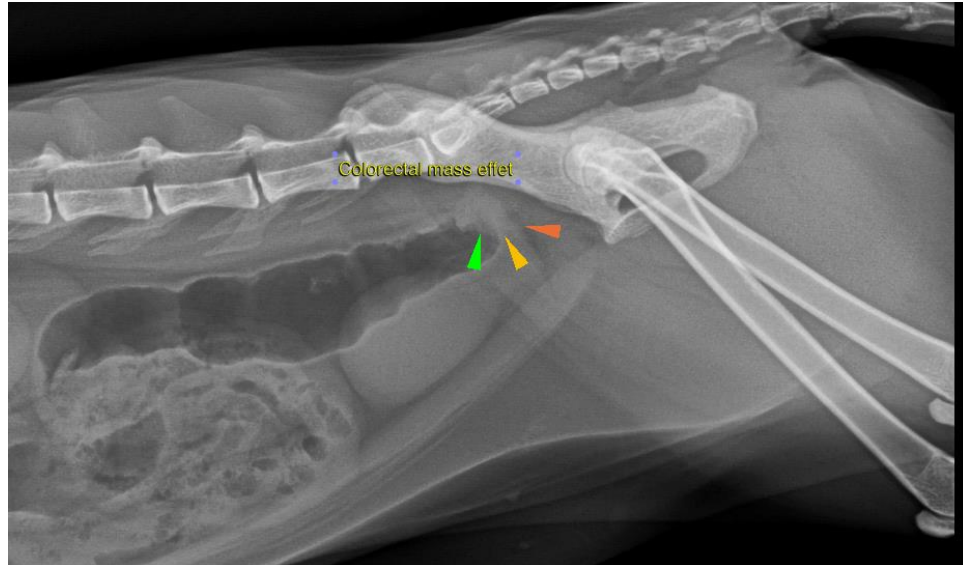
Dr. Jui Gokhale

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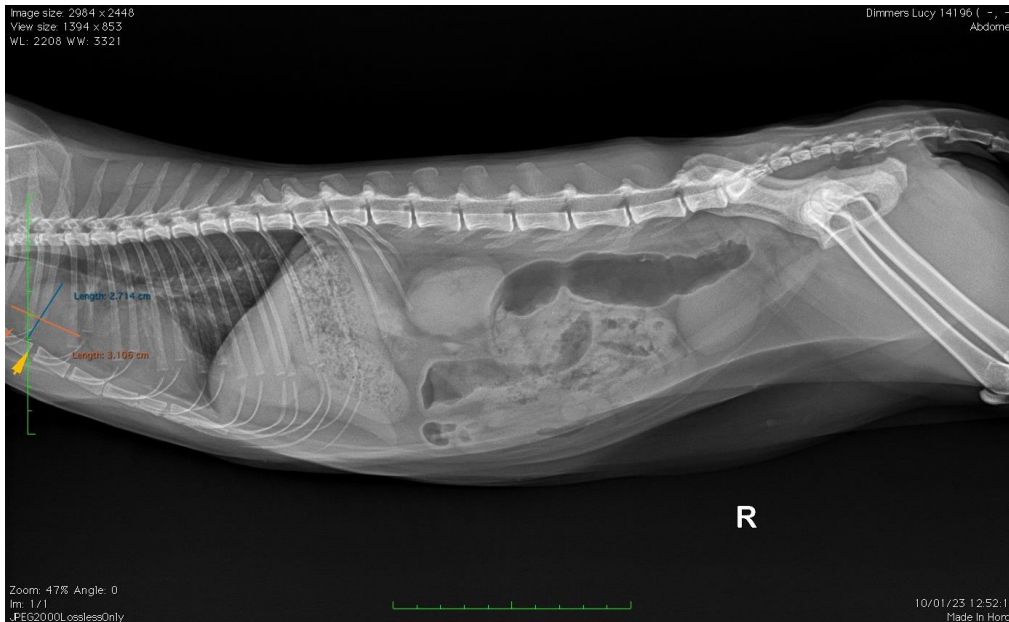
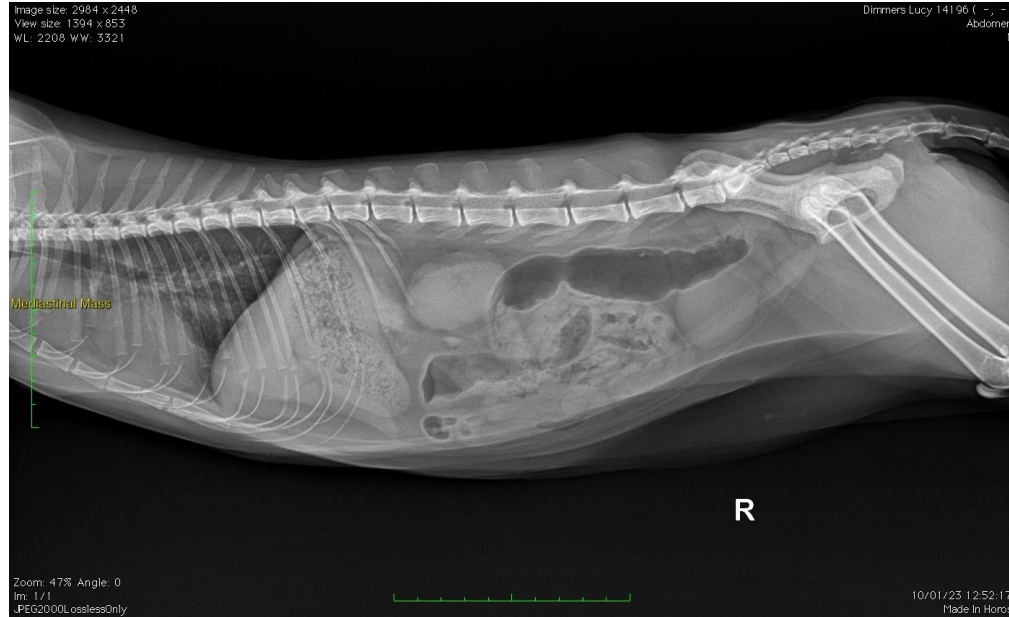
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**PATIENT**

Lucy Dimmers

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.

**SPECIES**

Feline

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.

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet**  
info@sonopath.com

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DSH

**SEX**

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