



**PATIENT**

Edgar Kerby

**PRESENTING CLINICAL SIGNS**

Recurrent rectal adenocarcinoma -- previously removed June 3rd 2021. CT today for staging and assessing extent of the tumour.  
Abnormal PE/Chem/CBC/UA Results: Rectal examination: irregular mass left side of rectum

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

**BREED**

Boxer Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

Patient has a history of surgical removal of a rectal adenocarcinoma in June 2021.

**Abdomen**

**SEX**

MN

A 1.5 x 1.0 cm sized lobulated mass with strong nonuniform contrast enhancement is seen within the rectum approximately 1.5 cm cranial to the anal sphincter. The rectal lumen is occupied by the mass. The mass appears to be mostly luminal. Partial loss of wall layering is noted.

**AGE**

6 Years

The regional lymph nodes including the sacral, hypogastric, and sublumbar lymph nodes present within normal limits.

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

**HOSPITAL NAME**

Animal Health  
Partners

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

**REFERRING VET**

Jérôme Gagnon,  
DVM, DACVIM  
(Oncology)

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

Multiple spondyloses are seen within the lumbar spine. Moderate lumbosacral stenosis is noted.

Moderate osteoarthritic changes of both coxofemoral joints and the left stifle joint are noted.

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The patient is obese.

**Thorax**

**DATE**

7-27-22

The bony and surrounding soft tissue structures are within normal limits.



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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is  $< 0.5$ , the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

**SPECIES**

Canine

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

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Boxer Mix

The lung parenchyma presents the expected architecture and attenuation behavior.

Gastroesophageal reflux is noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SEX**

MN

- Presumed recurring rectal adenocarcinoma.
- No evidence of metastatic disease.
- Multiple spondyloses.
- Multiple arthritis.
- Degenerative lumbosacral stenosis.

**AGE**

6 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings support the tentative diagnosis of recurring rectal adenocarcinoma. The tumor appears to be contained within the lumen of the rectum. Partial loss of wall layering is noted; however, the tumor does not extend beyond the limits of the rectal wall and no evidence of regional or distant metastatic disease is noted.

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**REFERRING VET**

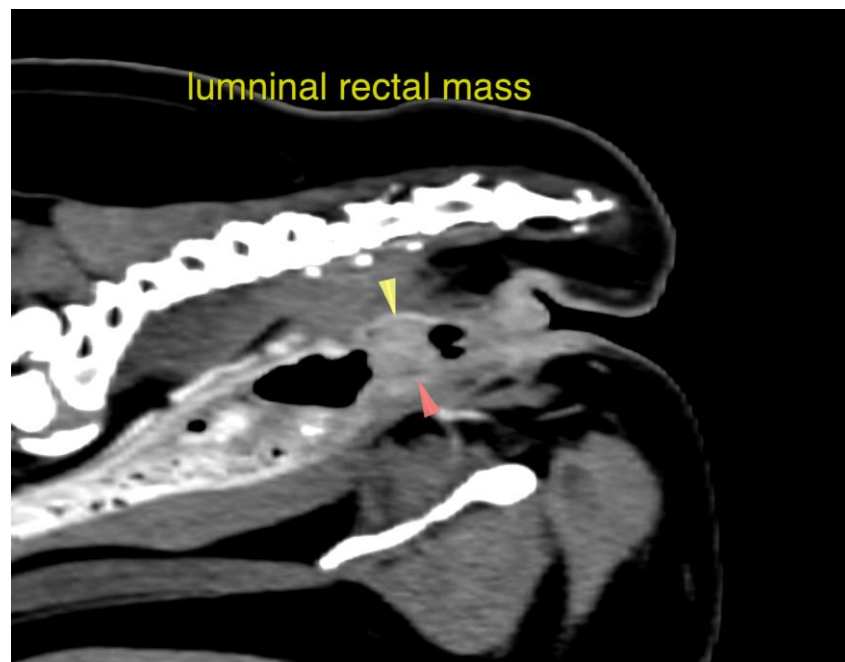
Jérôme Gagnon,  
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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.

**BREED**

Boxer Mix

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

**SEX**

MN

**AGE**

6 Years

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Dr. med. Vet. DipECVDI

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