



PATIENT

Snow White Derasmo

PRESENTING CLINICAL SIGNS

patient had history of hematochezia, straining while defecating, and severe stenosis of anal sphincter.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN, & PELVIS

Post contrast studies available for review.

BREED

Dachshund

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen & Pelvis

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

SEX

Female

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.

AGE

4 Years, 7 Months

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

HOSPITAL NAME

Animal Surgical
Center - Oceanside

Circumferential wall thickening of the distal rectum and anal sphincter over a length of 3.5 cm is seen. The wall measures more than 1.0 cm in thickness. The wall thickening is irregular and asymmetric. The margination to the surrounding soft tissues is ill-defined. The hypogastric and sacral lymph nodes are moderately enlarged.

Thorax

REFERRING VET

West Hempstead
Animal Hospital

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

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.

INVOICE

59299

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

A multinodular lung pattern with multiple interstitial soft tissue nodules of varying size is seen.

DATE

7-11-23

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.



PATIENT

Snow White Derasmo

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Circumferential distal rectal and anal sphincter wall thickening.
- Moderate hypogastric and sacral lymphadenomegaly.
- Multinodular lung pattern.

SPECIES

Canine

BREED

Dachshund

SEX

Female

AGE

4 Years, 7 Months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals asymmetric circumferential wall thickening of the distal rectum and anal sphincter. Differential diagnosis includes neoplasia such as adenocarcinoma, round cell neoplasia, and less likely gastrointestinal stromal tumor as well as scar tissue formation/stricture with or after severe regional enteritis as well as congenital stricture.

The lymph node changes are equivocal for reactive hyperplasia versus early metastatic disease.

The findings of the lung, however, strongly suggest presence of metastatic disease. Pneumonic nodules or granulomatous pneumonia such as eosinophilic granuloma or fungal granuloma cannot be ruled out entirely but appears less likely.

Further definition by means of colonoscopy with sampling for histology is recommended. Sampling the sacral and hypogastric lymph nodes can be very challenging. An attempt under ultrasonographic guidance can be made. Laparoscopic sampling may be an alternative. Ultrasound guided FNA of peripheral interstitial nodules of the lung can be considered as well.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Surgical
Center - Oceanside

REFERRING VET

West Hempstead
Animal Hospital

INVOICE

59299

DATE

7-11-23



PATIENT

Snow White Derasmo

SPECIES

Canine

BREED

Dachshund

SEX

Female

AGE

4 Years, 7 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Surgical
Center - Oceanside

REFERRING VET

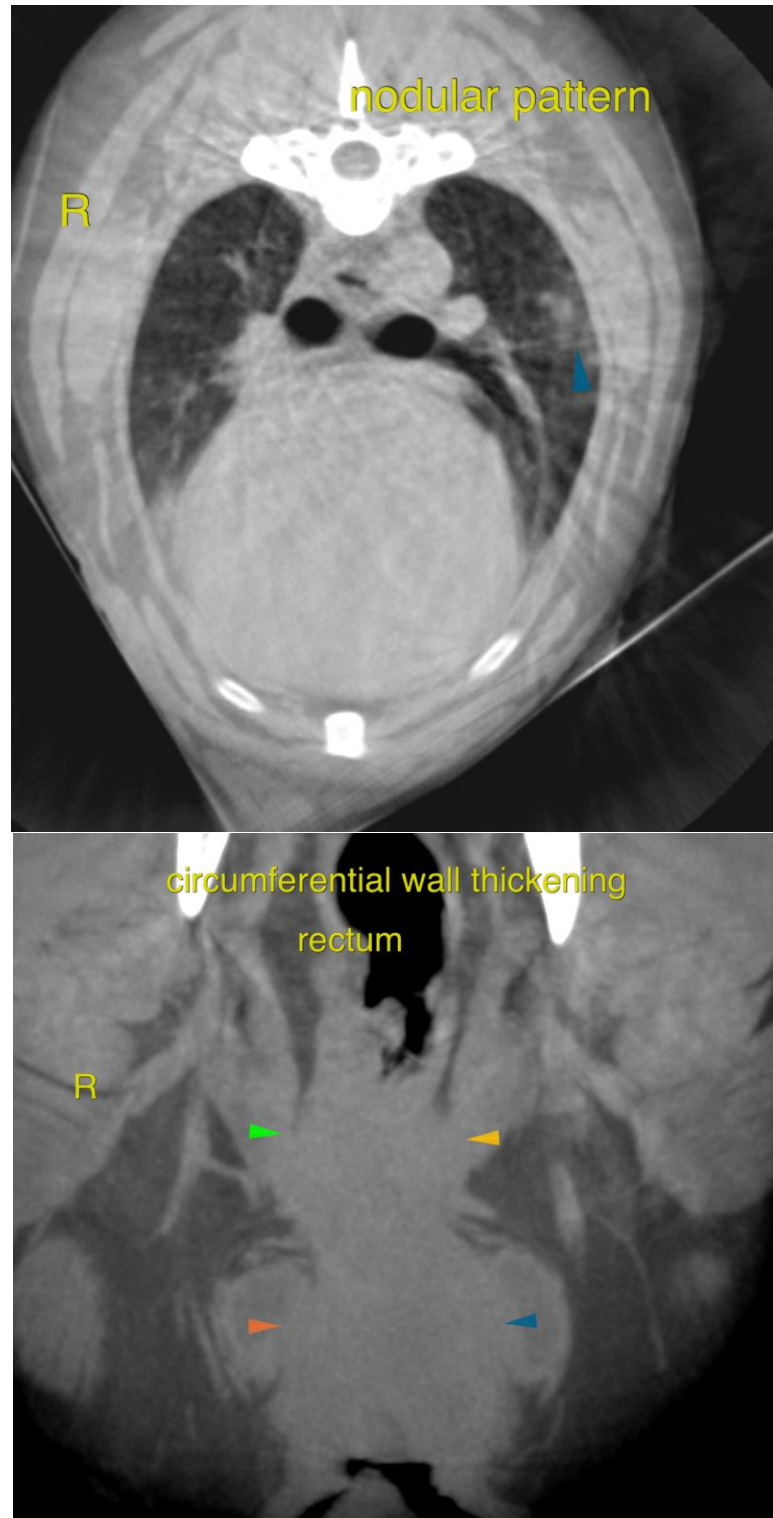
West Hempstead
Animal Hospital

INVOICE

59299

DATE

7-11-23





PATIENT

Snow White Derasmo

SPECIES

Canine

BREED

Dachshund

SEX

Female

AGE

4 Years, 7 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Surgical
Center - Oceanside

REFERRING VET

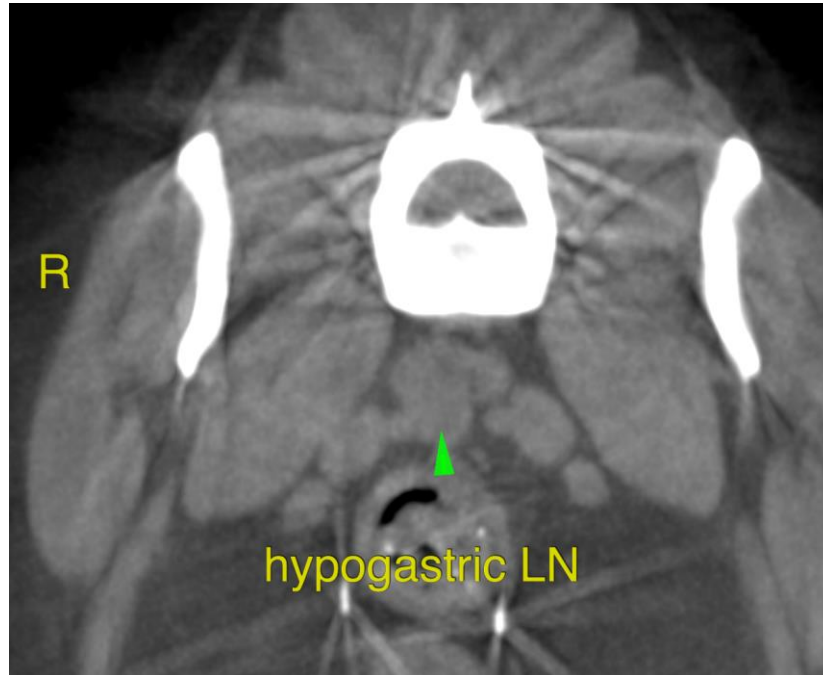
West Hempstead
Animal Hospital

INVOICE

59299

DATE

7-11-23



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.

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
info@sonopath.com