



PATIENT

Angel Arnold

PRESENTING CLINICAL SIGNS

presented for chronic intermittent vomiting and not eating
 Abnormal PE/Chem/CBC/UA Results: elevated hct, decreased lymphocytes, otherwise normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies available for review.

BREED

Labrador Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

Moderate pleural effusion is noted within both pleural cavities.

SEX

FS

The lung lobe margins are retracted from the thoracic wall. Partial lobar collapse is noted.

Multiple small irregular shaped mediastinal and pleural nodules are seen accentuating the caudoventral thorax.

AGE

9

The sternal lymph nodes are moderately enlarged.

Abdomen

Myriads of irregular shaped mesenteric nodules are distributed throughout the entire abdomen.

Multiple mesenteric lymphadenomegaly is noted with the lymph nodes being rounded presenting heterogeneous enhancement and measuring up to 2 cm in diameter.

There is segmental mass of the small intestine measuring approximately 12 cm in length with transmural and circumferential wall thickening of up to 1.5 cm diameter. Subileus is noted at this level.

Moderate generalized gastric wall thickening is seen as well with interrugal wall thickness of up to 1 cm.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
 Referral Hospital

REFERRING VET

Dr. Runde

The spleen presents moderate generalized enlargement.

Multiple cortical renal infarcts are seen.

There is lumbosacral spondylosis deformans and lumbosacral disc protrusion.

INVOICE

56129

Multiple spondyloses are seen throughout the lumbar spine.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

1-11-23

- Multiple pleural, mediastinal, and mesenteric nodules.
- Bilateral pleural effusion.
- Multiple mesenteric lymphadenomegaly.
- Diffuse gastric wall thickening meeting neoplastic criteria.



PATIENT

Angel Arnold

- Segmental small intestinal wall thickening meeting neoplastic criteria.
- Splenomegaly.
- Cortical renal infarcts.
- Spondyloses.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with multicentric neoplasia involving the pleura and mediastinum, sternal and mesenteric lymph nodes, gastric and small intestinal wall, and presumably also the spleen. Round cell neoplasia such as lymphosarcoma or histiocytic sarcoma is a primary differential diagnosis. Metastasizing gastrointestinal carcinoma is a secondary differential diagnosis. Mesothelioma cannot be ruled out entirely but is thought less likely based on the involvement of the various organs and distribution of the changes. Final diagnosis will require sampling which could be obtained under ultrasonographic guidance from both the thoracic and abdominal cavities.

BREED

Labrador Retriever

SEX

FS

AGE

9

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

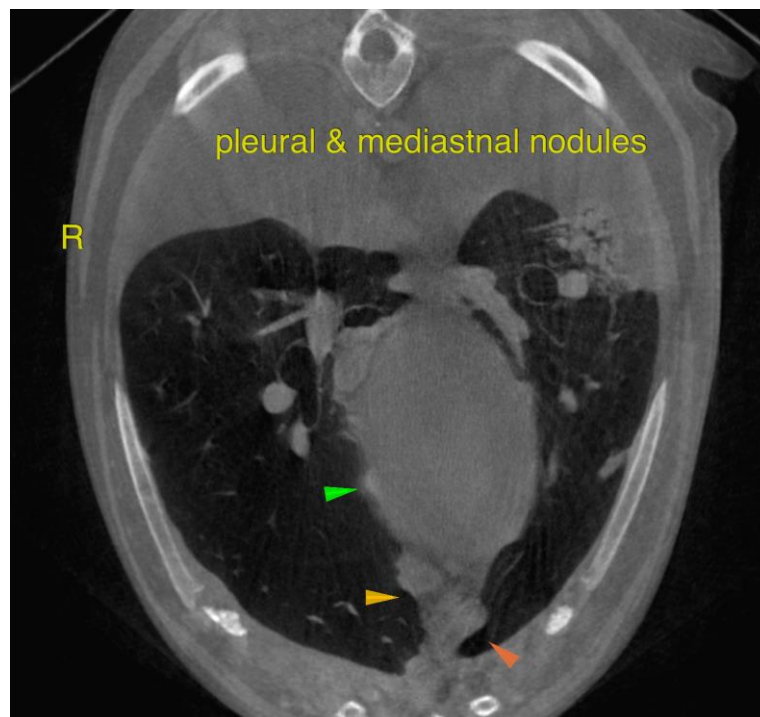
Dr. Runde

INVOICE

56129

DATE

1-11-23





PATIENT

Angel Arnold

SPECIES

Canine

BREED

Labrador Retriever

SEX

FS

AGE

9

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

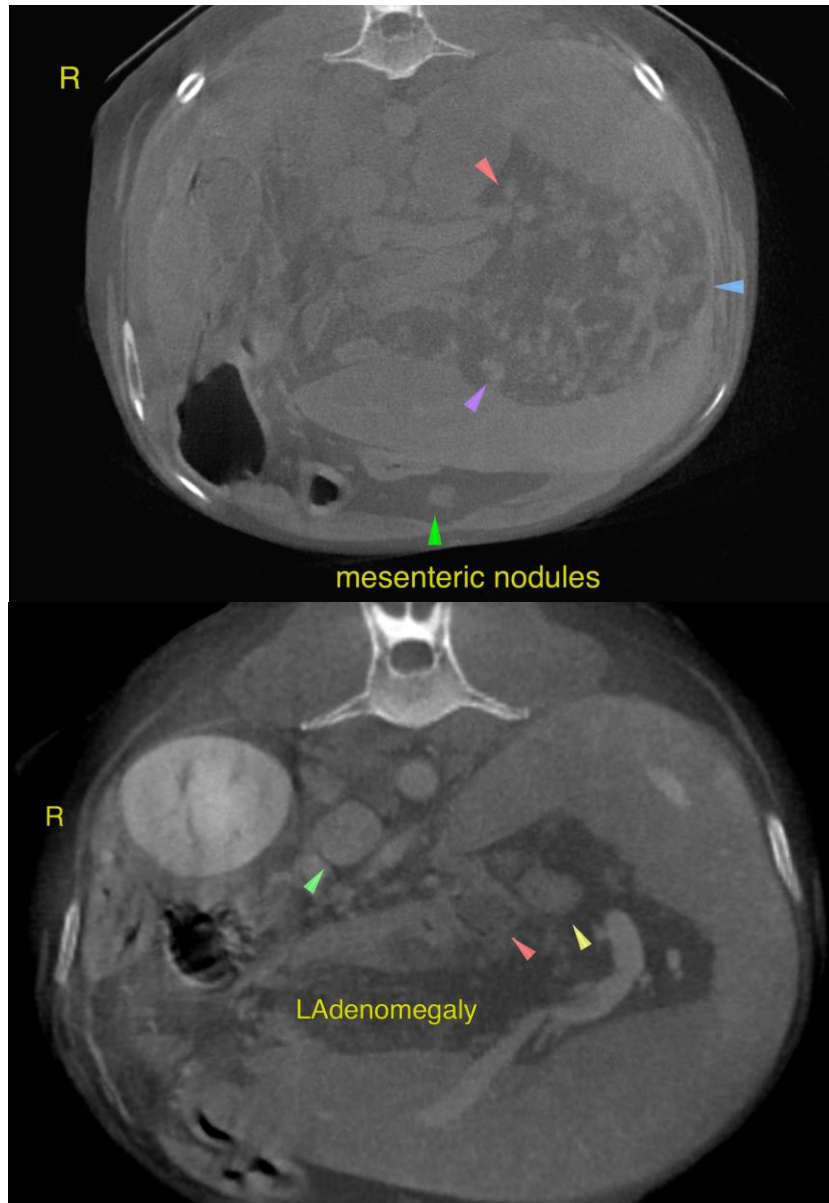
Dr. Runde

INVOICE

56129

DATE

1-11-23





PATIENT

Angel Arnold

SPECIES

Canine

BREED

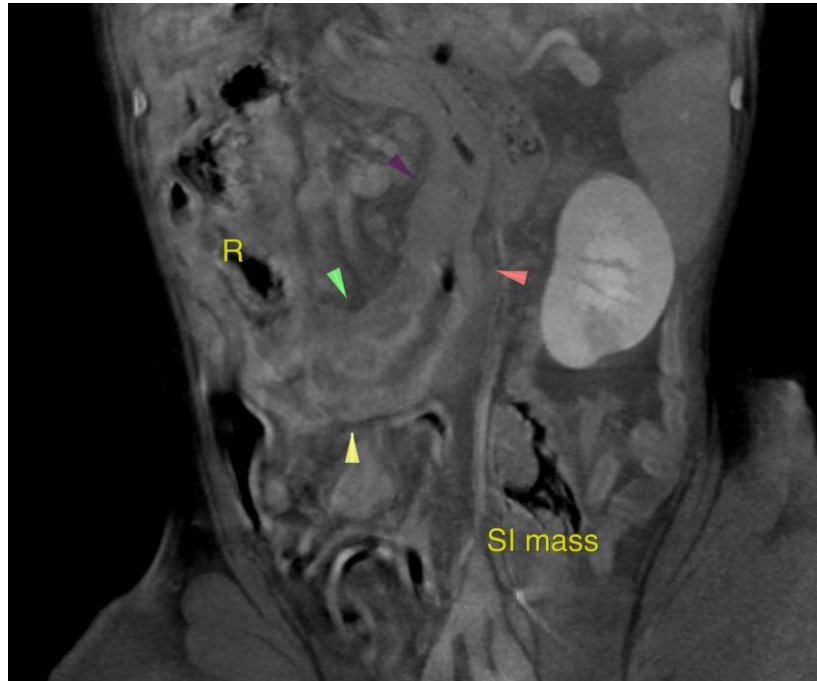
Labrador Retriever

SEX

FS

AGE

9



INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

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

REFERRING VET

Dr. Runde

INVOICE

56129

DATE

1-11-23