


PATIENT PRESENTING CLINICAL SIGNS

Lucy Romanrez Has bleed from nose, coughing.
 Abnormal PE/Chem/CBC/UA Results: Overweight, periodontal disease

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Canine Plain and post-contrast studies of the head and post-contrast study of the thorax available for review.

COMPUTED TOMOGRAPHIC FINDINGS
BREED
Thorax

Dachshund

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 is uniform and considered within normal limits.

SEX

Spayed Female

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

AGE

14 Years

Moderate collapse of the caudal cervical and thoracic trachea is seen. Multifocal concurrent bronchial collapse is noted. There is a generalized bronchointerstitial lung pattern with mild multifocal peribronchial cuffing. Occasional interstitial bands are seen.

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

INTERPRETED BY

Nele Eley (Ondreka),
 DVM Dr. med. vet.,
 DipECVDI

Head

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

HOSPITAL NAME

Mobile Pet Imaging

Severe multifocal periodontal disease is noted with dental nasal fistulae of the triadans #103, 104, 105, 203, 204, 205. Regional turbinate destruction is seen as well as regional fluid accumulation and mucosal swelling within both nasal cavities in the ventrorostral portions. The remainder of the nasal cavities and frontal sinuses are within normal limits except for mucosal swelling. The triadans #102, 109, 110, 209, 210, 304, 308, 309, 310, 408, 409, 410 present severe periodontal space widening as well.

REFERRING VET

Dr. Meaux

A mild amount of hypoattenuating material is present within the left external auditory meatus.

Mild bilateral submandibular lymphadenomegaly is noted.

INVOICE

34264

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

The salivary glands present within normal limits.

DATE

1/14/22


PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Lucy Romanrez

- Multifocal severe periodontal disease with dental nasal fistulae in both maxillary quadrants, associated with the triadans #103, 104, 105, 203, 204, 205
- Secondary regionally destructive rhinitis
- Bilateral submandibular lymphadenomegaly – compatible with reactive lymphadenitis.
- Mild left-sided otitis externa
- Cervical thoracic tracheal collapse, bronchial collapse, and chronic lower airway disease

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

14 Years

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study confirms suspicion of dental nasal fistula. Fistulae are present associated with the triadans #103, 104, 105, 203, 204, 205. Multifocal severe periodontal disease is affecting the remainder of the dentition (see above). No evidence of additional pathology noted in the nasal cavities or paranasal sinuses other than the regional destructive rhinitis associated with the dental nasal fistulae.

The lymph node changes are compatible with reactive hyperplasia. The CT study also confirms the suspicion of tracheal collapse. Concurrent bronchial collapse is noted. Degenerative bronchomalacia is the most likely underlying cause. However, chronic lower airway disease such as allergic bronchopneumopathy and/or infectious bronchitis may be present as well. Consider endoscopy with airway sampling for further definition if not already performed. Dental extractions with revision of the fistulae are indicated.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

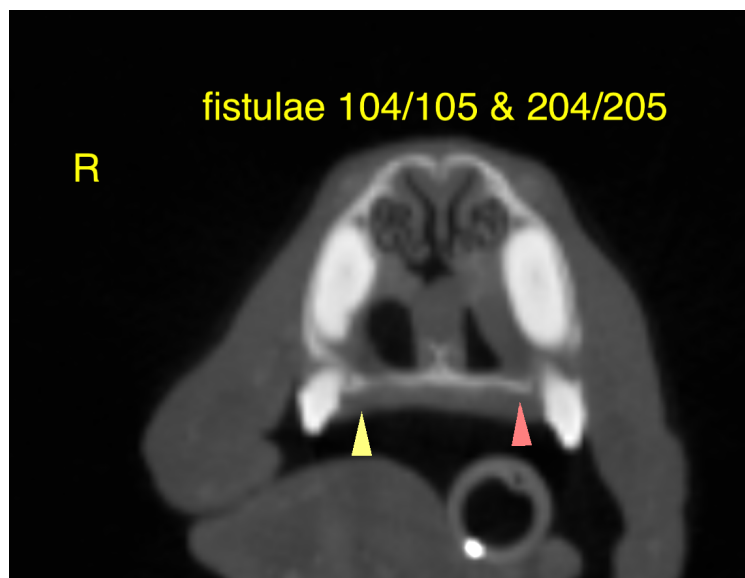
Dr. Meaux

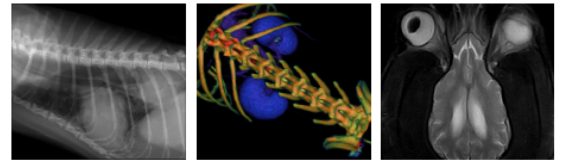
INVOICE

34264

DATE

1/14/22





PATIENT

Lucy Romanrez

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

14 Years

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

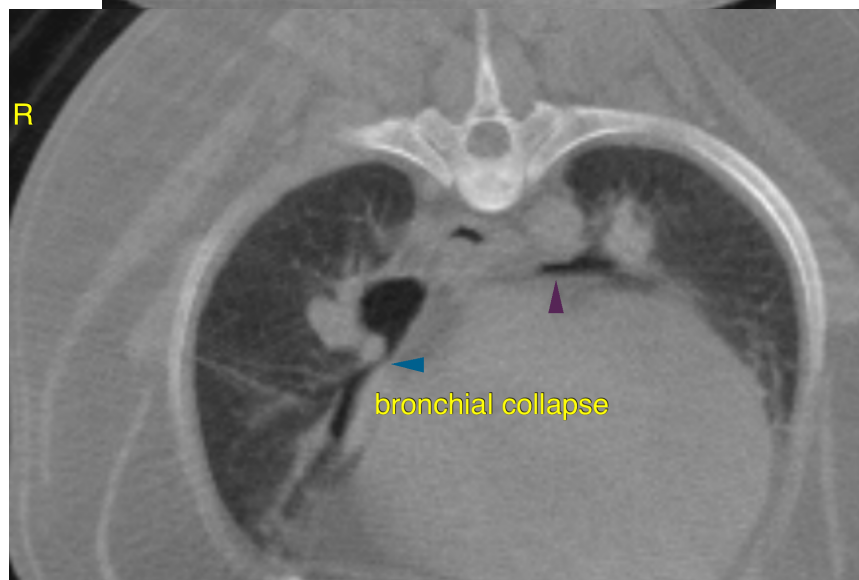
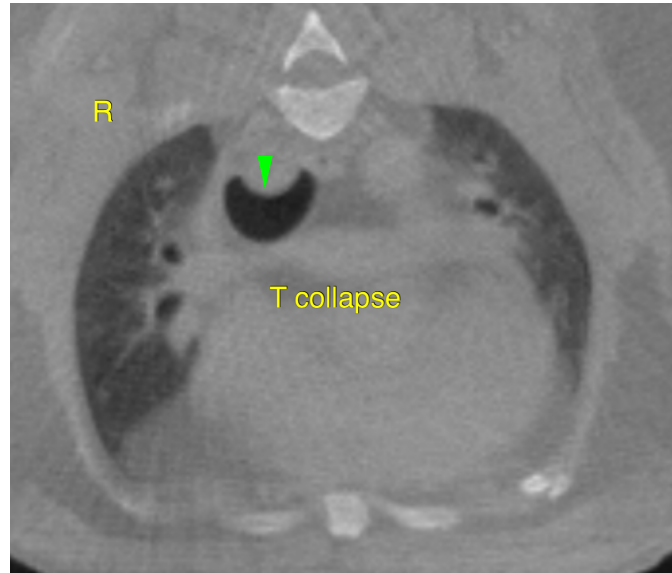
Dr. Meaux

INVOICE

34264

DATE

1/14/22



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.

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 (Ondreka), 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