



PATIENT

Whitey Kreischer

PRESENTING CLINICAL SIGNS

Presented for a 3 month hx of coughing which usually occurs after exertion. No nasal discharge. Abnormal PE/Chem/CBC/UA Results: Normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

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

BREED

Jack Russel Terrier

COMPUTED TOMOGRAPHIC FINDINGS

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.

SEX

FS

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining.

AGE

12

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right medial retropharyngeal lymph node presents mild symmetric enlargement with maintained short to long axis ratio and contrast enhancement pattern.

The salivary glands present within normal limits.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

Moderate horizontal atrophy of the alveolar crest is noted in all quadrants of the jaw. Dental plaques are seen accentuating the upper molar teeth.

Thorax

The patient is obese.

REFERRING VET

Dr. Runde

Both the cervical and intrathoracic trachea present redundancy of their dorsal tracheal ligament.

Mild generalized thickening of the caudal thoracic esophageal wall is seen.

INVOICE

49287

The lungs are poorly inflated. A mild interstitial mosaic pattern is seen. Multifocal peribronchial cuffing and interstitial scarring are noted with multifocal cylindrical bronchiectasis.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

12-29-21

- Structurally normal CT study of the nasal cavities.
- Chronic active lower airway disease with interstitial scarring and poor pulmonary inflation.
- Obesity.
- Suspect dynamic tracheal disease.

**PATIENT**

Whitey Kreischer

- Mild right medial retropharyngeal lymphadenomegaly.

SPECIES

Canine

BREED

Jack Russel Terrier

SEX

FS

AGE

12

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**HOSPITAL NAME**Northeast Veterinary
Referral Hospital**REFERRING VET**

Dr. Runde

INVOICE

49287

DATE

12-29-21

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings of the lung suggest chronic active lower airway disease with peripheral bronchiectasis and interstitial scarring. Reduced pulmonary compliance appears to be a potential. Presence of bronchiectasis is typically associated with decreased mucociliary clearance rates and indicates chronicity. The patient may be predisposed to recurrent inflammation and/or superinfection. Differential diagnosis includes chronic irritant or eosinophilic bronchopneumopathy versus infectious bronchitis. Secondary pulmonary fibrosis with cor pulmonale should be considered. Consider cardiac echo to rule out pulmonic hypertension.

There is potential for dynamic tracheal disease. Further definition by means of upper and lower airway endoscopy with airway sampling could be considered.

The nasal cavities present within normal limits.

The medial retropharyngeal lymphadenomegaly is compatible with reactive hyperplasia.



PATIENT

Whitey Kreischer

SPECIES

Canine

BREED

Jack Russel Terrier

SEX

FS

AGE

12

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

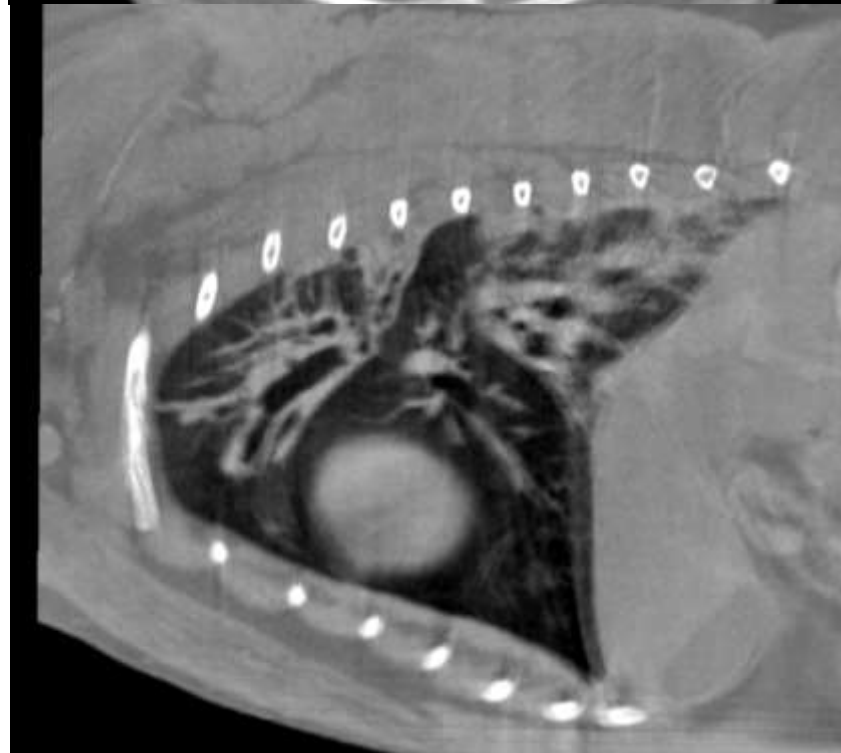
Dr. Runde

INVOICE

49287

DATE

12-29-21





PATIENT

Whitey Kreischer

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.

SPECIES

Canine

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

BREED

Jack Russel Terrier

SEX

FS

AGE

12

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

Dr. Runde

INVOICE

49287

DATE

12-29-21