



PATIENT

Chloe Lentini

PRESENTING CLINICAL SIGNS

Addison atypical (prednisone 5 mg 1/2 tab SID) monthly DOCP KCS (tacrolimus / optimmune) Neurologic (vestibular versus other) Right circling rule out vestibular central versus peripheral T3-L3 myelopathy rule out IVDD

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & CERVICOTHORACIC SPINE

Post contrast studies available for review.

BREED

Shih Tzu

COMPUTED TOMOGRAPHIC FINDINGS

Head & Neck

SEX

FS

The dentition is incomplete. Hypodontia and multifocal periodontal disease are noted.

There is regional mucosal swelling seen within the caudal third of the right nasal cavity with no evidence of significant turbinate destruction. The cribriform plate is intact. The left nasal cavity presents within normal limits. No evidence of a dental nasal fistula or foreign material is seen.

AGE

12 Years

Moderate bilateral lateral ventriculomegaly of the brain is noted. Mild dilation of the third ventricle of the brain and mild supracollicular fluid accumulation are seen as well. No significant evidence of increased intracranial pressure is noted. The pituitary gland presents within normal limits. No structural neuroparenchymal abnormality can be seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A mild amount of fluid attenuating material is seen within the right tympanic bulla. The tympanic membrane appears to be intact. A mild amount of fluid attenuating material is present within the medial aspect of the left external auditory meatus lateral to the tympanic membrane. The left tympanic bulla presents within normal limits.

HOSPITAL NAME

Animal Surgical
Center

The regional lymph nodes present within normal limits.

Mild flattening of the cervical trachea is noted.

Both lobes of the thyroid gland are seen and present within normal limits.

REFERRING VET

Great Neck

Thorax

Mild symmetric enlargement of the cranial mediastinal lymph nodes is noted.

INVOICE

59072

There is a mild generalized bronchointerstitial pattern with bronchial wall enhancement, mild multifocal peribronchial infiltrates, and interstitial scarring.

Cervicothoracic Spine

DATE

6-28-23

Evidence of serial chronic intervertebral disc disease is seen throughout the cervical spine with multiple vertebral endplate sclerosis, intervertebral disc space collapse, and spondyloses, as well as vacuum phenomenon.

Signs of mild to moderate chronic intervertebral disc protrusion are present between C2/3 and



PATIENT C3/4.

Chloe Lentini There is evidence of moderate chronic compressive myelopathy secondary to partially mineralized intervertebral disc protrusion between T11 and T12 with vertebral endplate sclerosis, intervertebral disc space collapse, and spondylosis deformans.

SPECIES Canine The left shoulder presents severe osteoarthritic changes. Mild osteoarthritic changes of the right shoulder are seen.

Severe osteoarthritis of the right elbow is seen.

BREED **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Shih Tzu

- No evidence of structural brain pathology.
- Mild right hand sided otitis media.
- Mild left hand sided otitis externa.
- Regional rhinitis within the caudal aspect of the right nasal cavity.
- Hypodontia and periodontal disease.
- Mild generalized bronchointerstitial pattern.
- Mild cranial mediastinal lymphadenomegaly.
- Dynamic tracheal disease.
- Chronic intervertebral disc protrusion C2/3, C3/4, T11/12.
- Serial chronic intervertebral disc disease throughout the cervical spine.
- Severe left shoulder and right elbow osteoarthritis.

SEX

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Structural brain injury is not identified in the CT study. The ventriculomegaly is likely within the breed related limits of normal anatomic variation. Cerebrovascular, inflammatory/infectious, neurodegenerative, and other pathology cannot be ruled out entirely and further definition by means of an MRI could be considered in case of persisting clinical signs.

HOSPITAL NAME

Animal Surgical
Center

The mild right hand sided otitis media and mild left hand sided otitis externa are unlikely to be associated with the patient's clinical signs. Further otoscopic workup can be considered.

REFERRING VET

Great Neck

The bronchopulmonary changes are compatible with chronic lower airway disease such as eosinophilic / allergic bronchopneumopathy or infectious bronchitis such as viral, bacterial, or parasitic.

INVOICE

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The findings of the nasal cavity are compatible with nondestructive rhinitis. At this time, there is no evidence of aggressive lesions. Further definition by means of upper and lower airway endoscopy with airway sampling could be considered depending on the clinical correlation.

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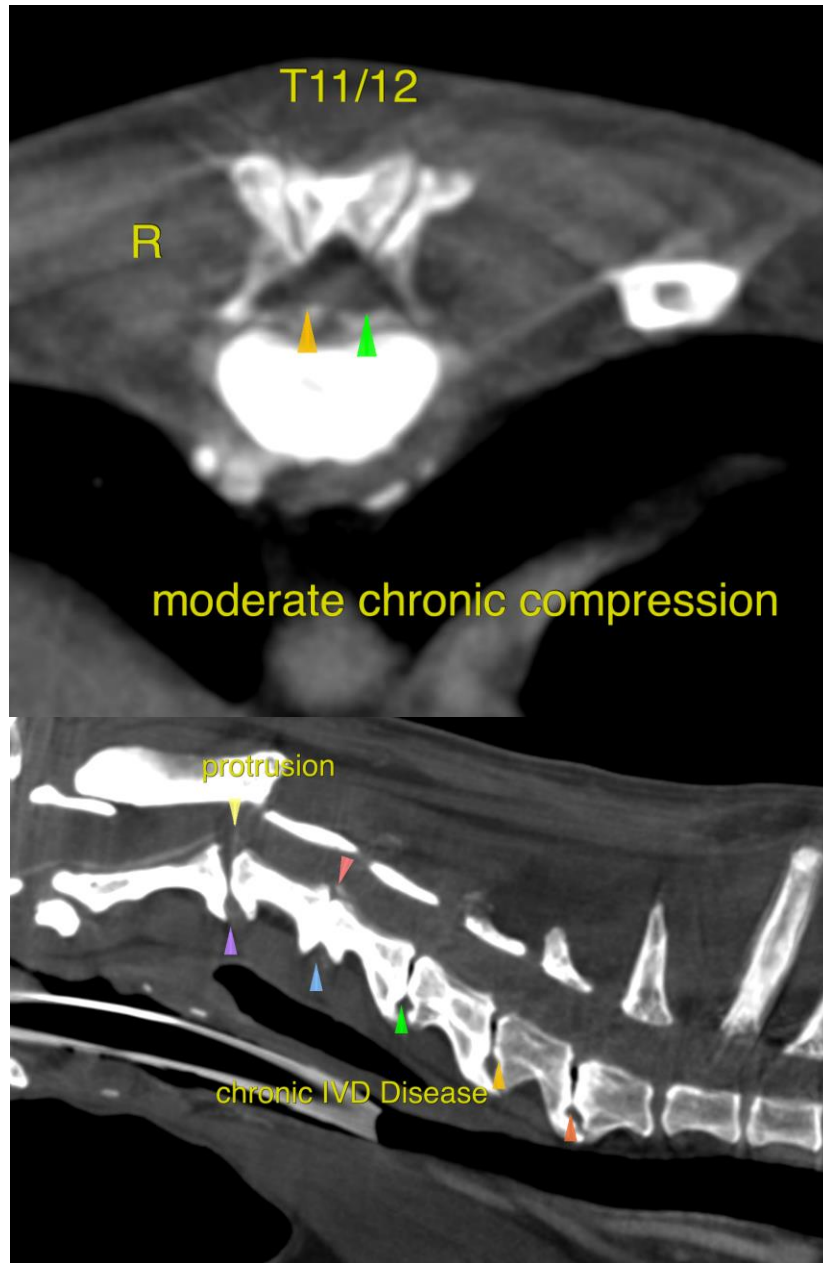
Great Neck

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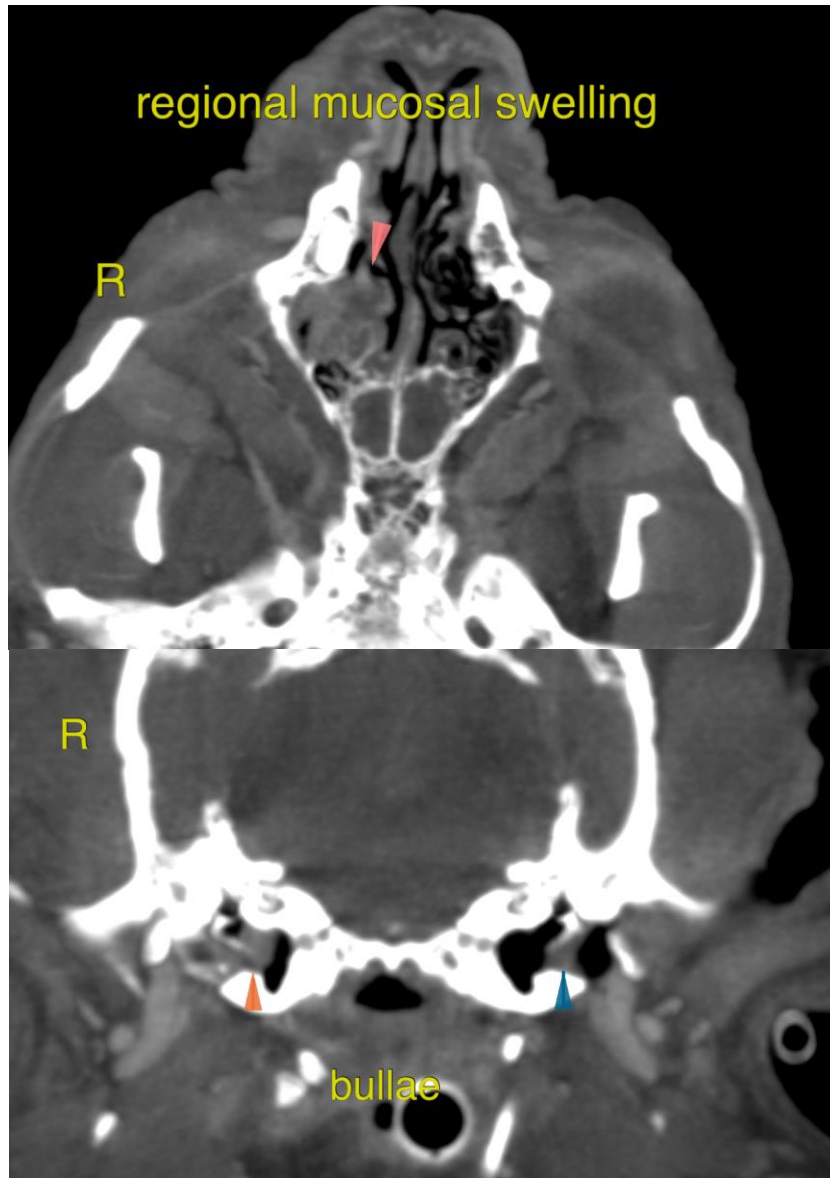
Great Neck

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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.

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