



PATIENT PRESENTING CLINICAL SIGNS

Leo Lindenmeien PT has increased expiratory dyspnea Gurgling and snoring sounds when breathing Short lived improvement on Dexamethasone and Theophylline Increased phlegm
SPECIES Abnormal PE/Chem/CBC/UA Results: LV hypertrophy likely due to Hypertrophic cardiomyopathy, Mild MR/TR. Diagnosed by Echocardiogram. No medication needed at this time.

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND CERVICAL SOFT TISSUE

BREED A high-resolution pre- and post-contrast CT study of the head and cervical soft tissue are provided for review.

DSH

COMPUTED TOMOGRAPHIC FINDINGS

SEX The tympanic bullae are entirely filled with a mix of soft tissue attenuating and hypoattenuating fluid material as well as a heterogeneous contrast-enhancing tissue mass effect. In addition, severe hyperostosis and multifocal osteolysis with an expansile appearance is seen bilaterally. A large interruption of the contiguous border of the right tympanic bulla with the nasopharynx is seen, and a ring-enhanced soft tissue mass is protruding. The protruded mass is obstructing almost 100% of the airway passage in some parts of the nasopharynx. The mass is large, lobular shape, and measures approximately 1.4cm wide x 1.0cm length.

Male Neutered

AGE

13 Years

Severe sclerosis is seen in the petrous part of temporal bone, bilaterally.

INTERPRETED BY

Mild focal adjacent meningeal enhancement is seen bilaterally.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The horizontal and vertical ear canal is normal, without fluid accumulation or wall thickening.

The nasal cavities and nostrils are normal.

The sphenoidal and frontal sinuses are normal.

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The hyoid apparatus is normal.

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The retrobulbar spaces are normal.

The cribriform plate is normal.

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The other osseous structures of the calvarium are normal.

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There is mild horizontal and vertical alveolar bone loss along the teeth.

INVOICE

The retropharyngeal lymph nodes are moderately to severely enlarged and heterogeneous. RRFL measures approximately 1.92cm x 1.3cm and the LRLF measures approximately 1.8cm x 1.1cm. The mandibular lymph nodes are moderately enlarged and heterogeneous.

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The deep cervical lymph nodes are mildly to moderately enlarged and heterogeneous.

DATE

Multifocal spondylosis deformans is seen in the thoracic spine.

2-23-23



PATIENT The collimated thorax is normal.

Leo Lindenmeien

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Bilateral tympanokeratomas (Cholesteatomas) with expansive bilateral otitis media and concurrent protruded nasopharyngeal mass (more severe at the right side).
- The nasopharyngeal protrude mass is obstructing almost 100% of the airway passage in some portions. Other less likely differential diagnosis includes pharyngeal neoplasia mass such as lymphoma granuloma/ abscess.
- Suspect bilateral internal otitis.
- Bilateral retropharyngeal, mandibular, and deep cervical lymphadenitis, reactive or metastatic.
- Mild periodontal disease.

BREED

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Male Neutered

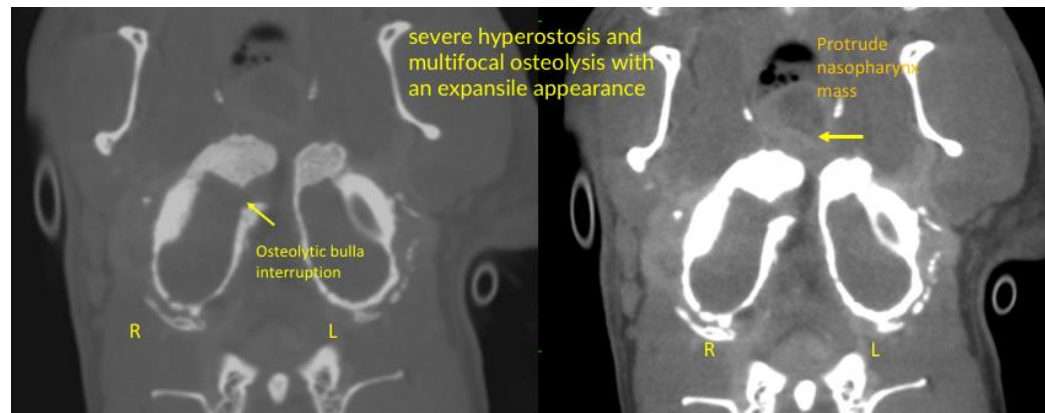
The nasopharyngeal mass corresponds with the clinical signs of expiratory dyspnea. The nasopharyngeal mass results from a misplaced overgrowth of keratinizing epithelium and destruction of the adjacent tissue due to tympanokeratomas. To confirm the etiological diagnosis, a biopsy is required. A surgical consultation to define the best treatment approach is suggested.

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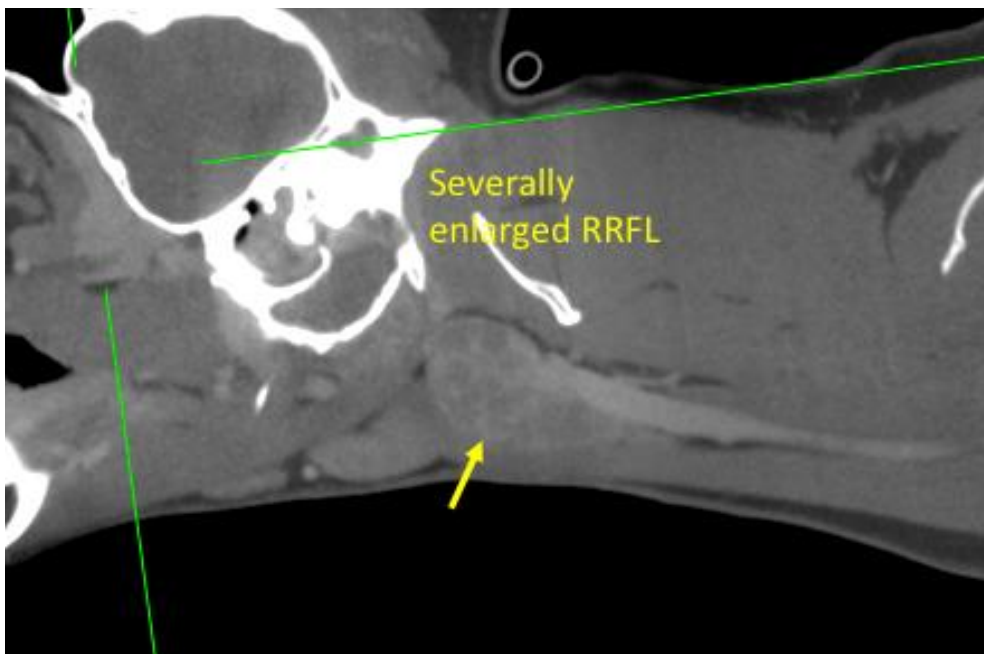
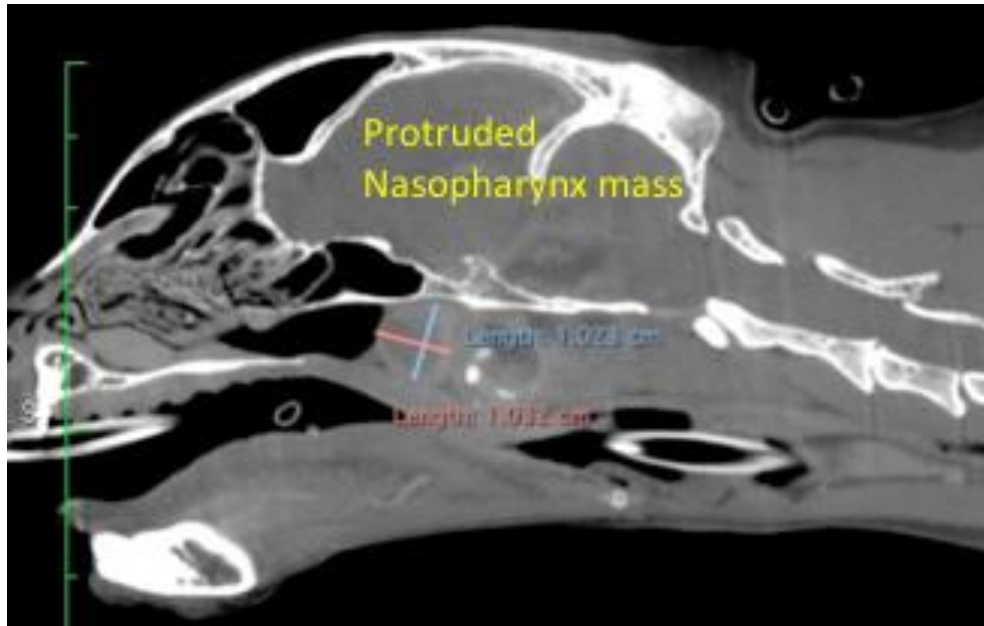
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Leo Lindenmeien

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.

SPECIES

Feline

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.

BREED

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Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com

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