



PATIENT

Monte Hofmeister

PRESENTING CLINICAL SIGNS

Upper respiratory sounds

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

A high resolution pre- and post-contrast CT study of the skull and a post-contrast CT study of the thorax are provided for review.

BREED

Labrador Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The crown of triadan 402 is fractured.

SEX

Intact Male

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The nasopharynx –between the right & left hamulus of the pterygoid bone – is obliterated by a soft tissue attenuating and mild irregular mineralized mass. The nasopharyngeal mass is measuring approximately 2.5 cm in length.

AGE

5 Years, 3 Months

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals present a mild thickened wall with shell-like mineralization.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME

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The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Thorax

REFERRING VET

Reyes

Multifocal mild spondylosis formation is present along the thoracic spine. Small granular mineralizations of the tendon of the supraspinatus muscle bilaterally is seen.

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.

INVOICE

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

DATE

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The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.



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

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COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Nasopharyngeal mild mineralizing mass with complete upper airway obstruction
- Complicated dental fracture 402
- Bilateral otitis externa with mid dystrophic mineralization
- Calcifying tendinopathy supraspinatus muscle bilaterally
- Spondylosis deformans
- No evidence of pulmonary metastatic spread

BREED

Labrador Retriever

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The nasopharyngeal mass is highly suggestive for underlying neoplastic disease, such as chondrosarcoma, osteosarcoma, adenocarcinoma, other or less likely benign adenoma. Granuloma formation – possible mycotic in origin – is a consideration but less likely. Recommend endoscopic evaluation of the nasopharynx including biopsy. Based on results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist.

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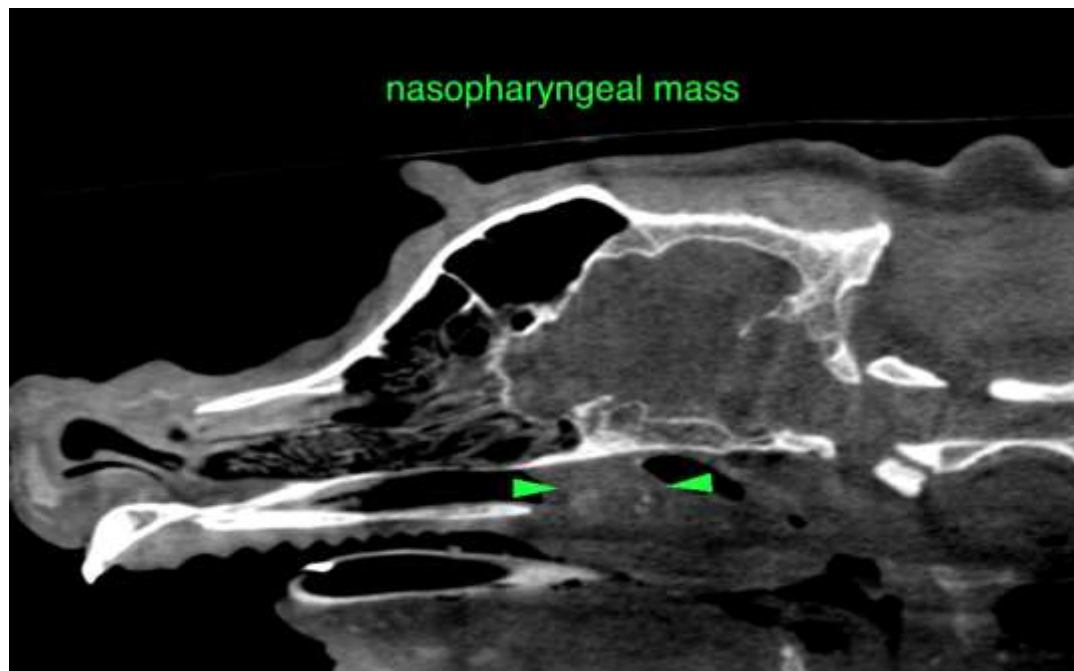
Reyes

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SEX

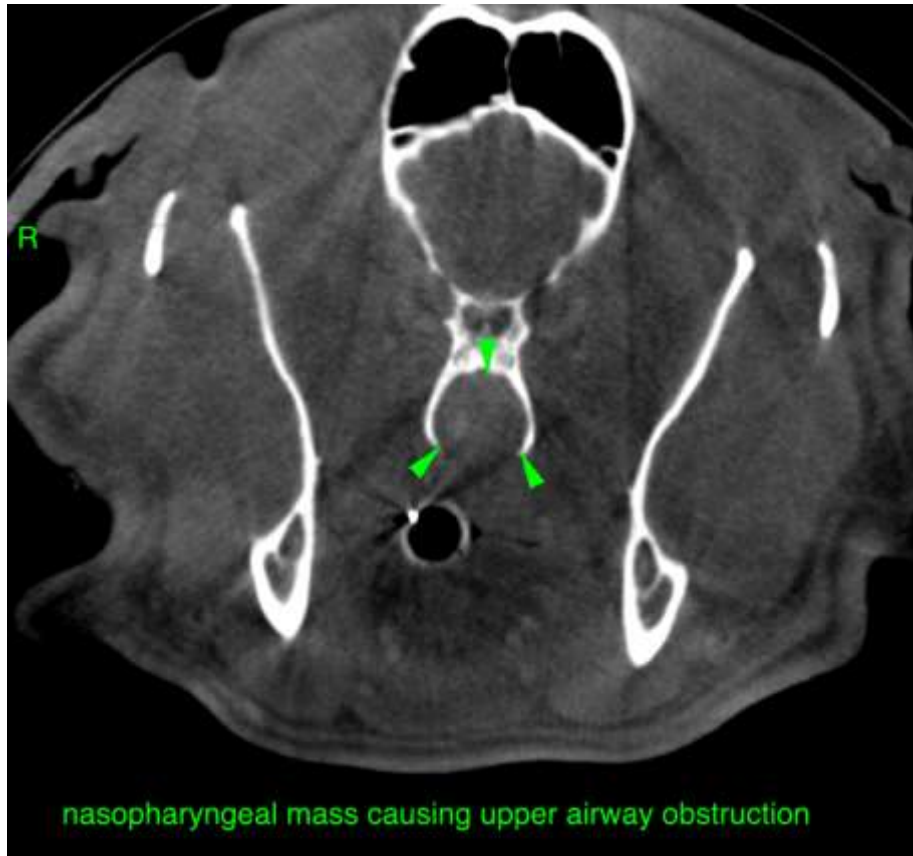
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Reyes

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.

INVOICE

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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

DATE

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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.