



PATIENT

Chugger Rettberg

SPECIES

Canine

BREED

French Bulldog

SEX

Male Neutered

AGE

8

WEIGHT

12.6kg

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Alex/Rachel E

HOSPITAL NAME

Pet Emergency &
Referral Center - NVA

REFERRING VET

Elizabeth Lechner
Hines

INVOICE

73714

DATE

2-11-26

PRESENTING CLINICAL SIGNS

- Previous history of fibrosarcoma that was treated with hemimandibulectomy and chemo vs RT (waiting on rdvm records) in 2021. No issues in that regard. Chronic atopic dermatitis that has been treated with Apoquel and Cytopoint. Over the past several weeks, progressive upper respiratory signs have been noted including sneezing, progressive nasal discharge, congestion, nasal obstruction. Patient has been treated with different courses of antimicrobials, Cerenia nasal drops. Apoquel has been discontinued. Since that time, progressive pruritus and skin changes have been noted. Skin changes are most notable on the left muzzle/facial region. Tissue is erythematous, thickened, firm, and there are superficial erosions ventral to the nasal planum on the muzzle. CT scan and rhinoscopy performed today. On retroflexed nasal pharyngoscopy, evidence of turbinates present and the right corona and soft tissue swelling present at the choana and along the soft palate. There is also erythema and both nasal passages. There is patchy pale edematous tissue in the left nare. Mucopurulent discharge most notable on the left side. Biopsies taken from both right and left nare. Biopsies for histopathology, fungal culture, and aerobic/anaerobic culture. A punch biopsy obtained from the left muzzle region adjacent to an ulcerated/eroded region to further evaluate for cutaneous changes.

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The body of the right mandible is absent – the segment between the ramus of the right mandible and triadan 404. Abrasion of the crowns of the mandibular canine teeth is appreciated.

In both nasal cavities, a small amount of fluid attenuating material is attached to the nasal mucosal lining. The soft palate is thickened, measuring up to 14 mm in height.

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

The horizontal segment of the left external ear canal is obliterated by non-contrast enhancing soft tissue material. The left tympanic bulla

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.

The mandibular lymph nodes are prominent.

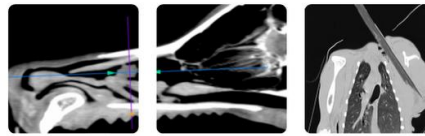
In the right retropharyngeal region, centered on the carotid angle, an ill-defined, strong contrast enhancing mass seen, extending craniodorsally up to the level of the right jugular foramen.

Thorax

Congenital malformation of multiple thoracic vertebra is appreciated.

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.

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



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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.

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

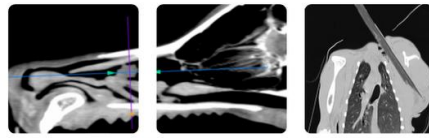
- History of right sided hemimandibulectomy - no evidence of reoccurrence of the excised fibrosarcoma
- Right retropharyngeal strong contrast enhancing soft tissue mass - extending up to the right jugular foramen
- Rhinitis
- Thickened soft palate
- Left sided otitis externa and media
- Lymphadenopathy mandibular lymph nodes
- Multiple absent teeth
- Abrasion crowns of multiple teeth
- Congenital malformation multiple thoracic vertebra
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The right retropharyngeal mass is highly suggestive for primary soft tissue neoplasia - paraganglioma ('carotid body tumor') or ectopic thyroid carcinoma are most common in this location. Ultrasound guided FNA sampling may be performed for specification.

The CT study nasal findings are consistent with rhinitis, and the presumptive diagnosis is non-specific rhinitis (e.g. allergic, lymphocytic plasmocytic, eosinophilic). There is no evidence of nasal mass, foreign body, mycotic rhinitis or odontogenic rhinitis. Rhinoscopy including biopsy has already been performed, regarding the history.

The prominent mandibular lymph nodes are most suggestive for reactive lymphoid hyperplasia - FNA sampling can be used for confirmation.



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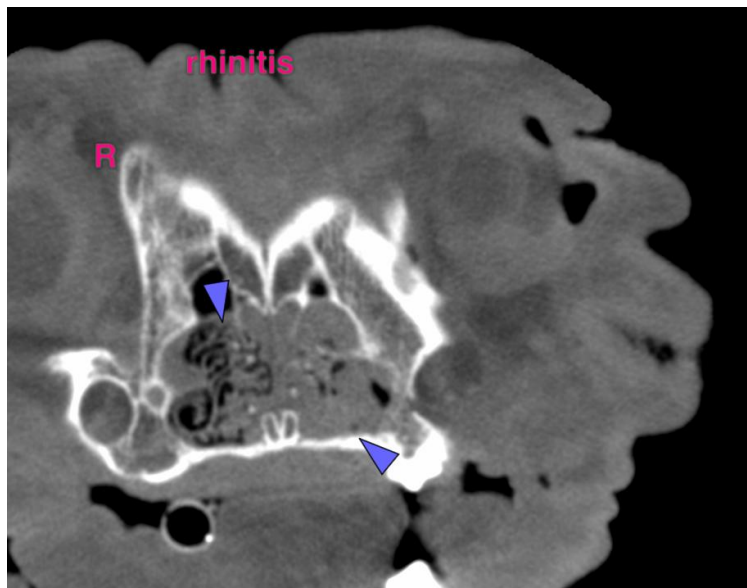
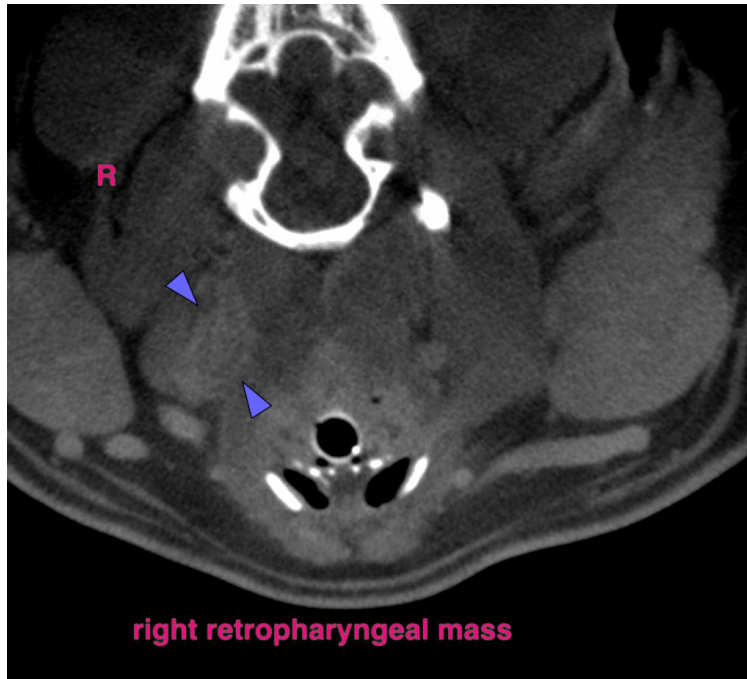
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDDI

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