



PATIENT PRESENTING CLINICAL SIGNS

Callie Nolf Chronic Nasal Discharge, decreased airflow through nostrils, weight loss, opacity in sinus seen on skull radiographs

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Mix The tooth elements 401-404 are absent. The distal segment of the root of triadan 404 is retained within the alveolar crest.

SEX
FS The right nasal cavity is occupied by soft tissue attenuating and moderate contrast enhancing soft tissue material. Destruction of the associated nasal conchal & turbinate structures is seen. The nasal mass is extending caudally up to the level of the choana causing complete obstruction of the upper airways. The nasal septum is mildly deviated to the left by the mass effect. In the left nasal cavity, a moderate amount of fluid attenuating material is attached to the nasal mucosal lining.

AGE
8 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 right external ear canal presents a mild swelling of the wall of the horizontal segment with a mild serrating epithelial surface.

HOSPITAL NAME
Mt. Bethel Animal Hospital 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.

REFERRING VET
Dr. Stevans 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.

The vertebral endplates C2/C3 present moderate spondylosis formation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

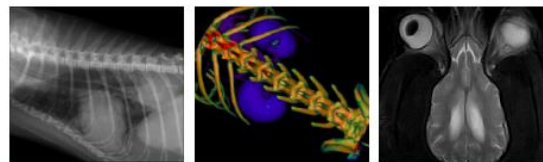
- Right sided nasal soft tissue mass with conchal destruction and upper airway obstruction
- Absent triadan 401-404 with retained fragment of the root of triadan 404 – no signs for infection
- Right sided mild otitis externa
- Spondylosis deformans C2/C3

INVOICE

50682

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE
3-3-22 The right sided nasal mass is compatible with primary nasal neoplasia with low aggressive imaging features. Differentials include adenocarcinoma, lymphosarcoma, melanoma, sticker sarcoma, transitional cell carcinoma, other. Recommend rhinoscopy including biopsy for further workup. The chances of radiation therapy can be discussed with oncologist, based on biopsy



PATIENT results; the Adam tumor grade is T1.

Callie Nolf Consider full tumor staging.

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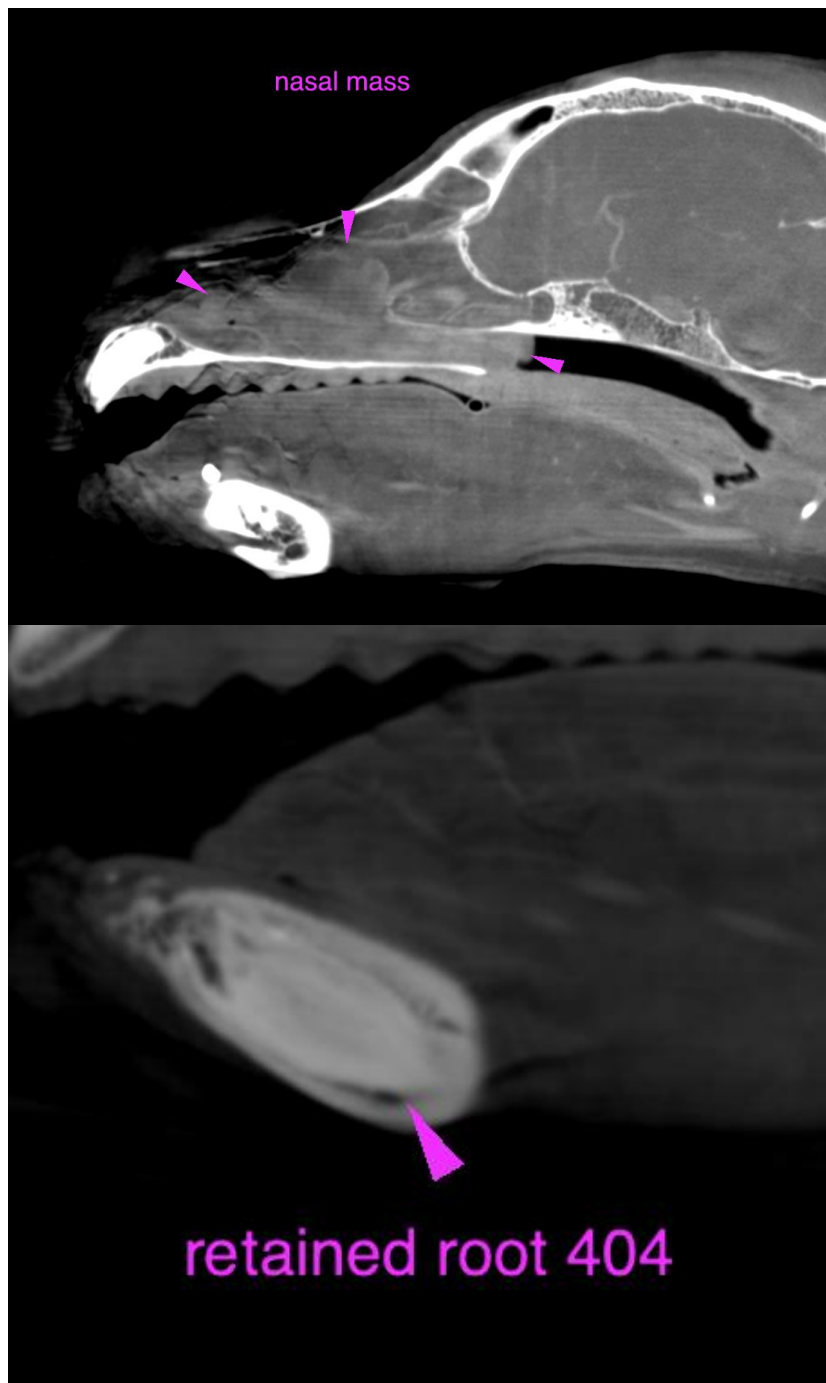
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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