



PATIENT

Cupcake Smith

SPECIES

Canine

BREED

Havanese

SEX

Spayed Female

AGE

11 Years

WEIGHT

8.7 pounds

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Technician

HOSPITAL NAME

Paws and Claws Pet
Care

REFERRING VET

Dr. Alexis Rambaud

INVOICE

13398

DATE

01/22/26

PRESENTING CLINICAL SIGNS

- Hx of left-sided nasal adenocarcinoma. Previously treated with radiation. Increase in sneezing noted recently.

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

All teeth but triadan 104, 204, 308, 309, 404, 409 and 410 are absent. Moderate atrophy of the alveolar bone in all jaw quadrants is seen.

In the nasal cavity, a small volume of fluid attenuating material is attached to the nasal mucosal lining. Advanced destruction of the nasal conchal structures bilaterally is seen and the nasal septum presents a large defect. The nasal mucosal lining is generalized moderate thickened. In the rostral aspect of the left nasal cavity – approximately level with the alveolar crest of triadan 204, a heterogeneous contrast enhancing soft tissue swelling is appreciated – extending through the left palatine fissure into the submucosa of the hard palate. The left palatine fissure is widened.

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

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 lateral ventricles of the brain are mildly asymmetrical, L>R. A supracollicular fluid accumulation is appreciated.

The left mandibular lymph nodes and the left medial retropharyngeal lymph node are moderately prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of radiation therapy due to nasal adenocarcinoma
- Focal soft tissue swelling rostral aspect left nasal cavity with submucosal extent into the hard palate through the left palatine fissure
- Lymphadenopathy left mandibular lymph nodes and left medial retropharyngeal lymph node
- Multiple absent teeth

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings of the nasal cavity are fitting the history of preceding radiation therapy and secondary destruction of the nasal conchal structures and nasal septum. The main finding is the localized soft tissue swelling in the rostral aspect of the left nasal cavity that may be a sequela to mucosal thickening and radiation induced rhinitis. However, due to the local expansile behavior with pressure erosion of the left palatine fissure, the odds for local reoccurrence of the nasal adenocarcinoma are high, rhinoscopy including biopsy would be ideal.

Recommend FNA sampling of the regional lymph nodes as well.



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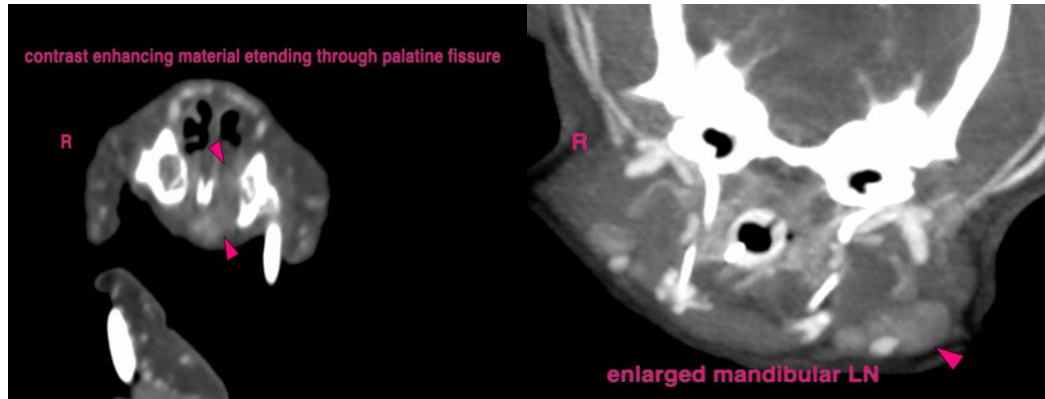
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, DVM, Dr. med. vet. DipECVDI
info@sonopath.com