



**PATIENT**

Penny Parks

**PRESENTING CLINICAL SIGNS**

Pt started reverse sneezing about 1 month ago. Pt was put on benedryl. Nose started bleeding with mucus. Pt had a mass behind the eye that came back a saliva gland. Pt had a steroid and antibiotics. As soon as the antibiotics ran out, swelling and discharge. There is concern that something may be lodged very far up

**SPECIES**

Canine

**COMPUTED TOMOGRAPHY OF THE SKULL**

A high resolution plain CT study of the skull is provided for review.

**BREED**

Vizsla Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

**SEX**

FS

The right nasal cavity is occupied by soft tissue attenuating material with interspersed small punctuate mineralizations. The nasal soft tissue material is extending caudally into the right frontal sinus. The right maxillary, frontal and nasal bone present moth eaten osteolytic lesions. In the left nasal cavity multiple small, consolidated regions are visible. The cribriform plate presents multiple moth eaten osteolytic lesions. A moderate soft tissue swelling is seen along the medial wall of the right orbit, displacing the right ocular bulb laterally and rostrally. In the left frontal sinus, soft tissue attenuating material is protruding from the dorsal wall into the lumen of the left frontal sinus.

**AGE**

6 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

**HOSPITAL NAME**

Wilvet Salem

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.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Dr. Crystal Ebert

- Right sided nasal soft tissue mass with extension into the right orbit
- Right sided exophthalmos
- Polyostotic aggressive osteolytic lesions of the osseous lining of the right nasal cavity and frontal sinus and the cribriform plate
- Multiple consolidated regions in the left nasal cavity

**INVOICE**

47605

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

9-30-21

Although specification is limited in a plain CT study, there are multiple imaging features indicating malignancy and nasal neoplasia is the top differential with extension into the right orbit and secondary exophthalmos. Differentials include adenocarcinoma, lymphosarcoma, melanoma, squamous cell carcinoma, other. The consolidated regions in the left nasal cavity can present small amounts of exudate (e.g. hematoma) or foci of neoplastic transformation or granuloma formation. Recommend Rhinoscopy with FNA sampling and biopsy. If neoplasia can be



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confirmed, the Adam tumor grade is T3. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist.

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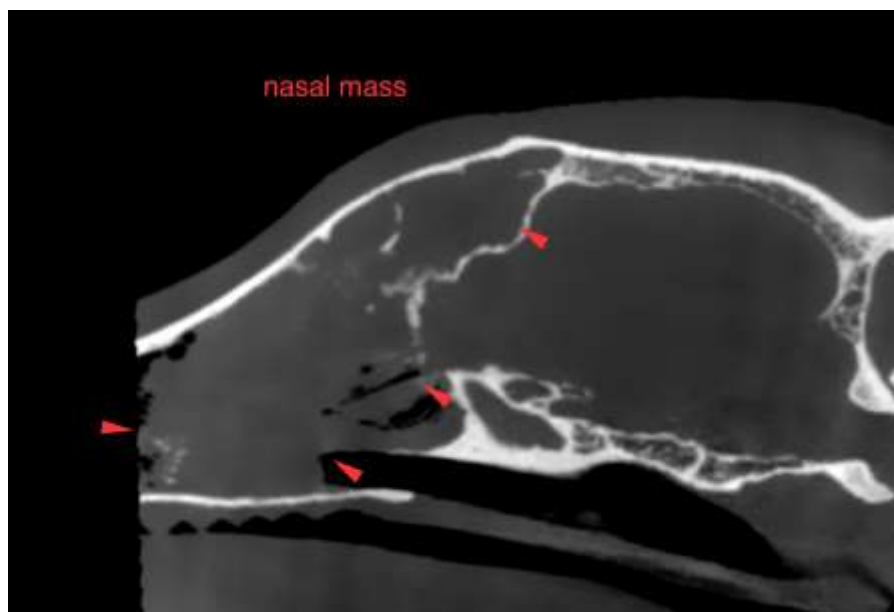
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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. DipECVDI  
sebast.schaub@gmail.com

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