



PATIENT PRESENTING CLINICAL SIGNS

Oreo Perry Patient presenting for further diagnostics for left sided epistaxis (1-2 times). P has a history of environmental allergies which he has treated by rDVM when needed with Cytopoint injections, +/- antibiotics, and an antihistamine? Per owner Oreo's nose started bleeding when he started pawing at his nose. Went to rDVM on 1/19/22 and was rx'd antibiotics. Has cleared up since then, but owner did notice he has pawed at his face.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

BREED

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

Pointer Mix

COMPUTED TOMOGRAPHIC FINDINGS

SEX

MN

The tooth elements 205, 305 and 405 are absent. The periodontal space of triadan 404 is moderately widened, perforating the lateral cortex of the alveolar bone with moderate surrounding sclerosis; resorption of the tip of the respective tooth root is visible. Moderate abrasion of the crowns of multiple teeth is noted – most accentuated the canine and premolar teeth.

AGE

11 Years

In the left nasal cavity, moderate atrophy of the nasal conchal structures is seen. Between the turbinate structures of the left nasal cavity, soft tissue attenuating and heterogeneous mild contrast enhancing material is visible, presenting focal destruction of the turbinate structures. Advanced osteolysis of the left aspect of the cribriform plate is seen and the soft tissue material in the caudal aspect of the left nasal cavity is mildly protruding into the rostral fossa cranii distorting the left olfactory bulb.

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.

HOSPITAL NAME

Suncoast Veterinary
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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 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.

REFERRING VET

Dr. Young

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue material in the caudal aspect of the left nasal cavity, perforating the rostral fossa cranii
- Abrasion of the crowns of multiple teeth
- Tooth root abscess 404 with periapical abscess formation
- Multiple absent teeth

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

2-16-22

The consolidated region in the caudal aspect of the left nasal cavity presents with local aggressive biological behavior, perforating the cranial fossa. The latter is significantly increasing the odds for primary nasal neoplasia, such as adenocarcinoma, transitional cell carcinoma, squamous cell carcinoma, melanoma, other. Theoretically mycotic granuloma is a potential, but I consider this less likely. Rhinoscopy including FNA sampling and biopsy can be tried for further definition.



PATIENT

Oreo Perry

Based on the results of the advanced diagnostic tests, the chances of radiation therapy might be discussed with oncologist. If neoplastic disease can be confirmed, the Adam tumor stage is T4.

Consider full tumor staging.

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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.

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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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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DATE

2-16-22

