



PATIENT PRESENTING CLINICAL SIGNS

Nygil Ward History: Hx of mass growing dorsal to left eye. Hx of ITP (currently in remission).
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX
Neutered Male Centered on the dorsal osseous lamella of the left frontal bone, level with the left frontal sinus, an expansile mass is protruding into the subcutaneous tissue. The mass is divided by multiple thin osseous septa, resulting in a multicameral appearance of the mass. In the rostral aspect the mass is involving the nasal bone bilaterally and the left maxillary bone presenting permeative osteolytic lesions in the periphery of the mass. The mass occupying the left frontal sinus and mildly bulging into the left nasal cavity. The mass is overlapping the left orbit and the left ocular bulb is displaced ventrally by the mass effect. In the caudal aspect the mass is perforating the cranial fossa and lysis of the cribriform plate is appreciated. Post contrast administration, at the base of the mass – level with the left frontal sinus – an irregular contrast enhancing soft tissue component is noted.

AGE
11 Years 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 external ear canals are within normal limits.

HOSPITAL NAME
Paws and Claws UC 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 left mandibular lymph nodes are prominent.

REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS

- Dr. Alexis Rambaud
- Polyostotic expansile aggressive predominant osteolytic mass centered on the left frontal sinus with perforation of the cranial fossa
 - Lymphadenopathy left mandibular lymph nodes

INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

15962 The findings are consistent with an expansile mass – suspect origin in the left frontal sinus. Given the multicameral appearance I consider the odds for a myxoid producing tumor high, such as squamous cell carcinoma or adenocarcinoma. However, primary tumor of bone is a potential as well (e.g.

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6/7/22



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SPECIES Canine

osteosarcoma, chondrosarcoma). FNA sampling/biopsy can be used as advanced diagnostic test - sampling should be performed deep within the mass as the outer margins may only present myxoid material. The mass is perforating the cranial fossa. Complete surgical excision of the mass appears not feasible, but the chances of cytoreduction and radiation therapy can be discussed with oncologist. The odds for metastatic spread versus reactive hyperplasia of the left mandibular lymph nodes are considered equal.

Consider full tumor staging.

BREED

Mixed

SEX

Neutered Male

AGE

11 Years

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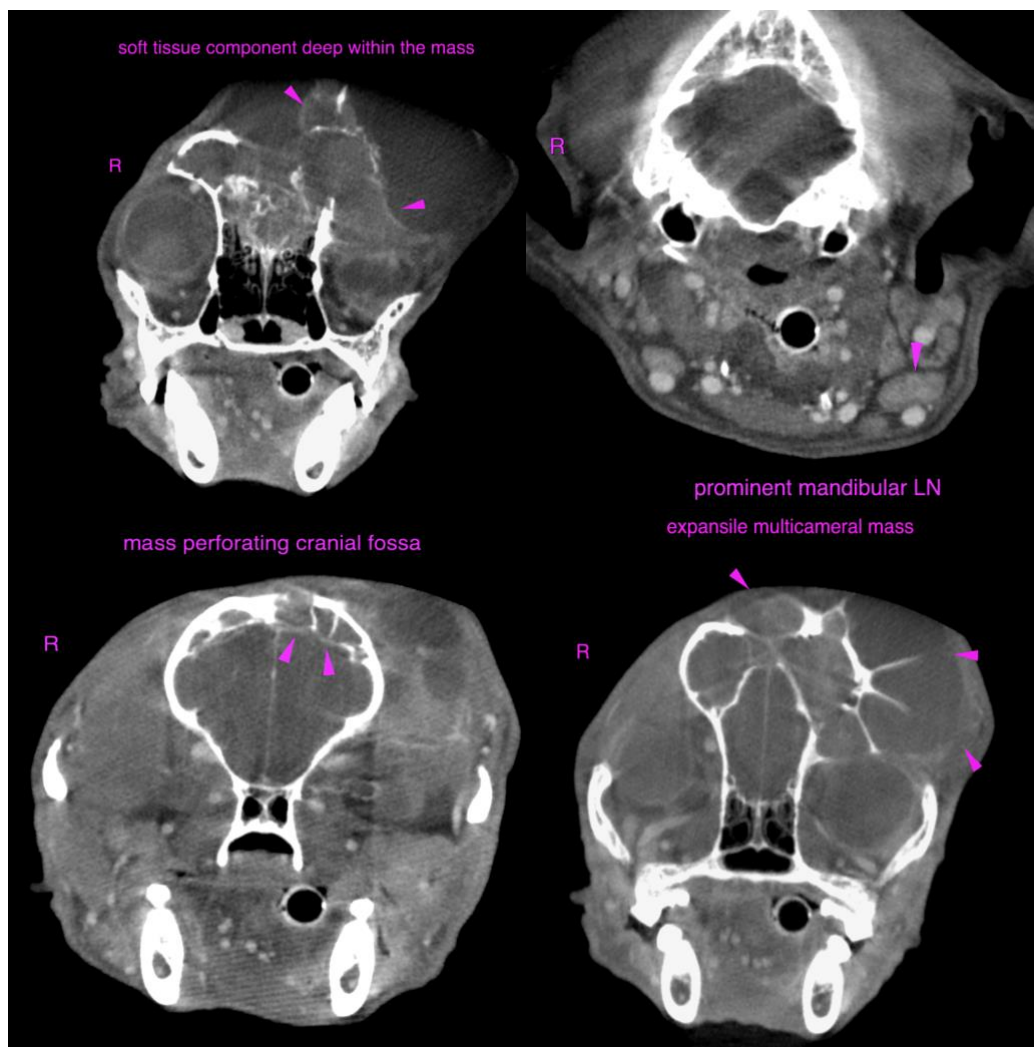
Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

HOSPITAL NAME

Paws and Claws UC

REFERRING VET

Dr. Alexis Rambaud



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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.



PATIENT

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.

Nygil Ward

SPECIES

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Canine

BREED

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AGE

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