



PATIENT

Snoopy Poupard

PRESENTING CLINICAL SIGNS

Pet initially presented for R sided facial swelling in May 2022. Pet responded to treatment with NSAID and antibiotics, but swelling returned and worsened. At presentation in early Aug, pet was buphthalmic OD with swelling in the top R portion of the head. Oral exam revealed a mass like swelling behind the last molar on the upper R arcade. The lesion was biopsied after the CT. Some friable tissue was sampled, but some thick, clear mucus was also noted. No visible purulence was found as would be expected with a retrobulbar abscess.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

BREED

Mix

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

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

FS

In the right retropharyngeal region, level at the caudal and medial aspect of the right ramus of the mandible, an ill-defined, uniform soft tissue attenuating and heterogeneous contrast enhancing mass is seen, extending caudodorsally into the right temporal musculature up to the level of the occipital bone. The mass is measuring approximately 7.1 x 4.3 x 7.5 cm in size. The associated right ramus of the mandible, condylar process of the right mandible and zygomatic process of the right temporal bone presents permeative osteolytic lesions. In the rostroventral aspect, the mass is distorting the pharynx and causing partially upper airway obstruction. Osteolysis of the right temporal bone with perforation of the cranial fossa is noted. The right ocular bulb is displaced rostrally and dorsally by the mass effect.

AGE

13 Years, 9 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The right tympanic bulla is filled with non-contrast enhancing soft tissue material.

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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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 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. Laura Baumert

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right retropharyngeal mass with extension along the right caudolateral aspect of the calvarium
- Polyostotic aggressive osteolytic lesions of the right mandible & temporal bone
- Secondary right sided exophthalmos
- Secondary right sided obstructive otitis media

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

8-24-22

The CT study is consistent with a large retropharyngeal soft tissue mass, extending up along the caudolateral aspect of the calvarium and aggressive osteolytic lesions of the calvarium with perforation of the cranial fossa. Differentials include fibrosarcoma, hemangiosarcoma, lymphosarcoma, carcinoma, other. FNA sampling/biopsy of the mass can be used as advanced diagnostic tool. Based on biopsy results, the chances of palliative radiation



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therapy/chemotherapy might be discussed with oncologist; there are no surgical treatment options.

Consider full tumor staging.

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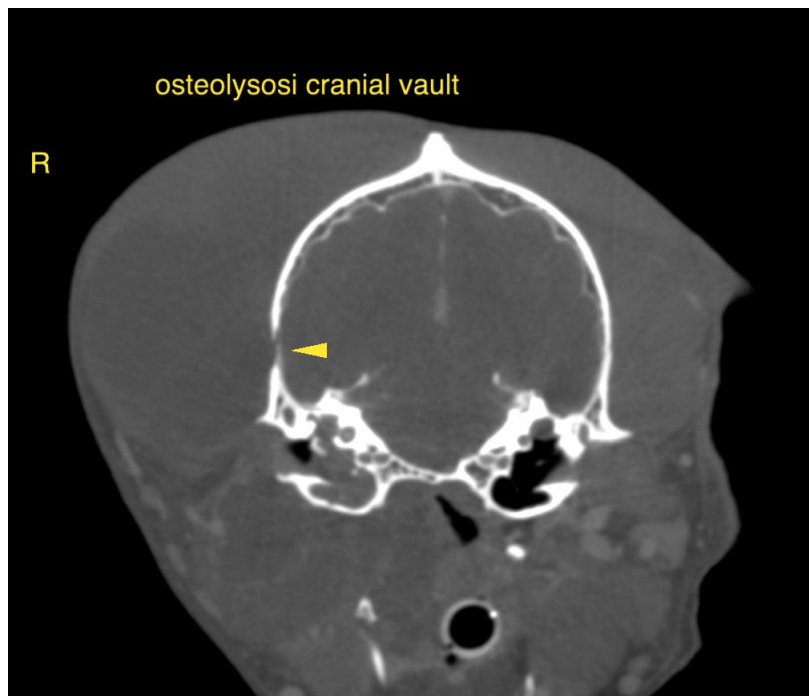
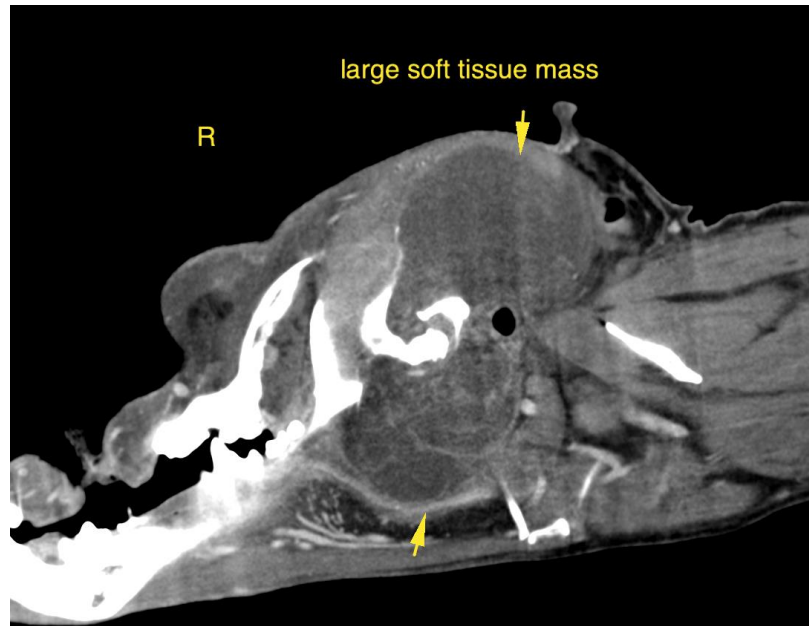
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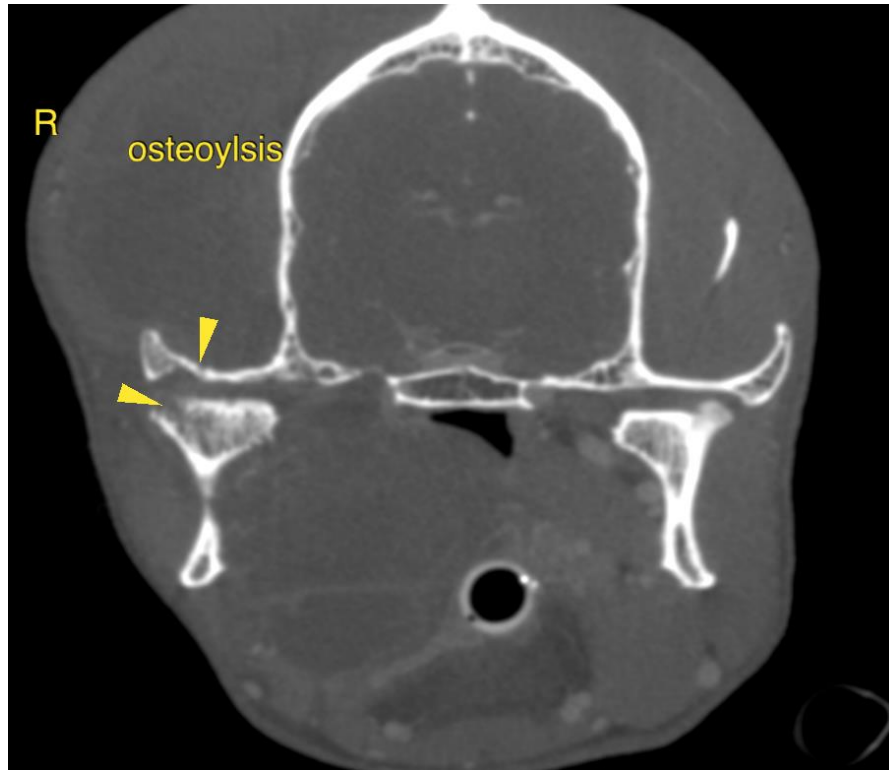
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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