



PATIENT PRESENTING CLINICAL SIGNS

Pepsi Trapani Presented to dentist. Hx of previous extractions. Rostral maxillary dehiscence suspect: Osteonecrosis of the Jaw

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Beagle

All maxillary teeth but triadan 108-110 and 208-210 are absent. Extensive permeative osteolysis of the maxillary bone and nasal bone bilaterally is seen. The alveolar process of the maxillary bone presents multiple osteolytic lesions. Level with the palatine fissure a post contrast central hypoattenuating zone with multiple gas inclusions are visible. Post contrast administration the maxillary and nasal bone are replaced by mild heterogeneous contrast enhancing soft tissue material and the viscerocranium is mildly distorted.

SEX

Neutered Male

In the nasal cavity, a mild amount of fluid attenuating material is attached to the nasal mucosal lining.

AGE

13 Years

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Mobile Pet Imaging

The mandibular lymph nodes are mildly prominent, uniform soft tissue attenuating and contrast enhancing.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Meaux

- Polyostotic aggressive osteolytic lesions right & left maxillary & nasal bone
- Zone of necrosis/abscess formation level with the rostral palatine fissure
- Mild lymphadenopathy mandibular lymph nodes
- Multiple absent teeth

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

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DATE

3-29-22

Although osteonecrosis (would expect vascular insult) or advanced osteomyelitis (bacterial versus mycotic) with extensive destruction of the bones of the viscerocranium are differentials, I consider the odds for neoplastic transformation of the viscerocranium high – e.g. carcinoma, hemangiosarcoma, lymphosarcoma. The findings are atypical for secondary hyperparathyroidism (secondary to renal disease, would expect more generalized bone loss of the osseous structures of the skull). Biopsy has already performed for further definition and results are pending.

Suspect reactive hyperplasia of the mandibular lymph nodes.



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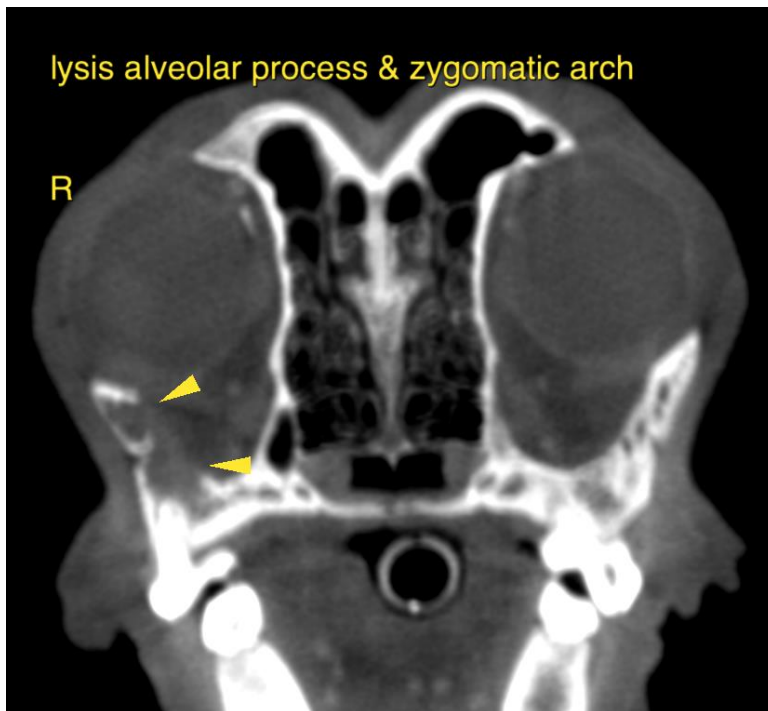
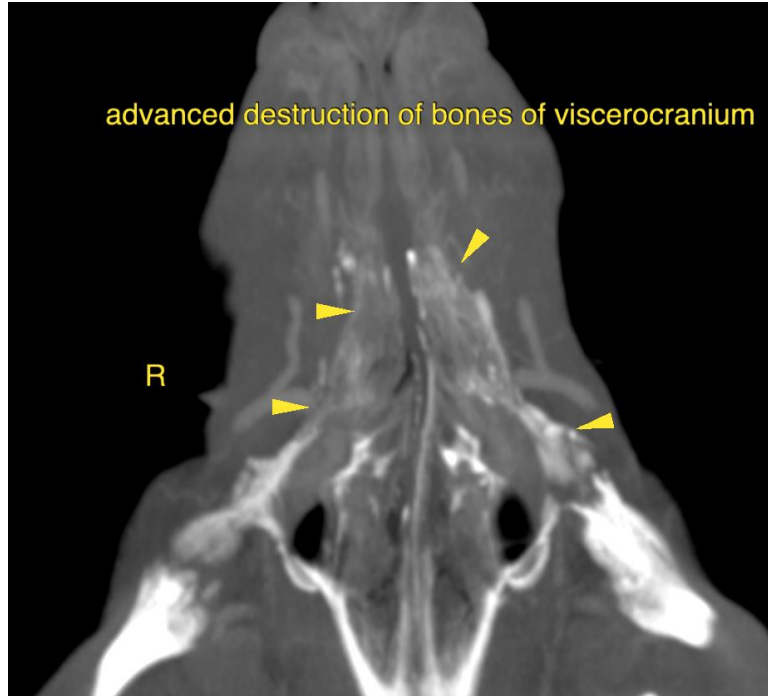
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Canine

BREED

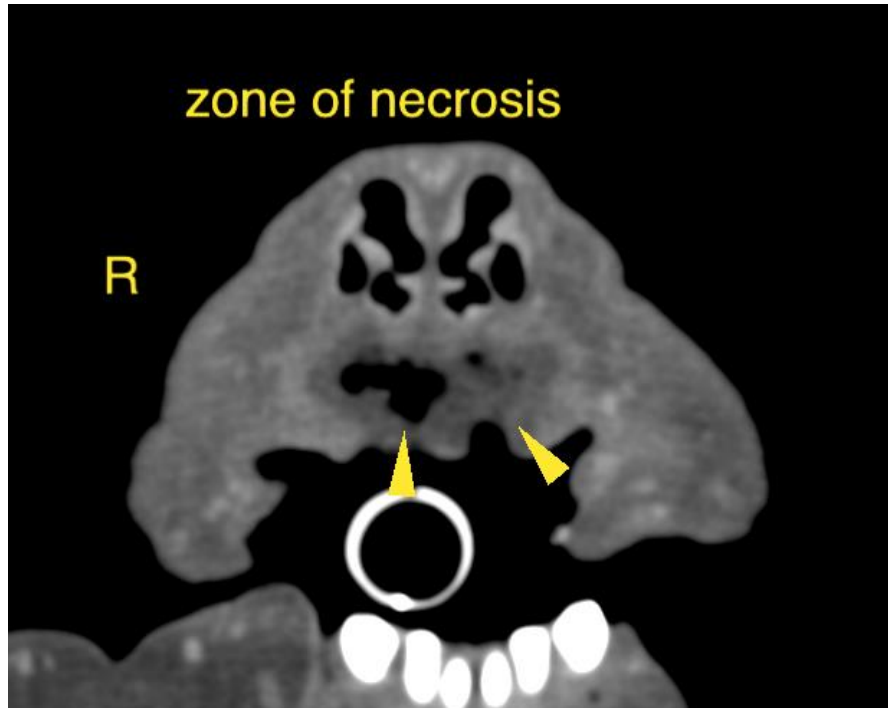
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Meaux

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