



PATIENT PRESENTING CLINICAL SIGNS

Rolo Wodja 05/04/2022: dental performed. 205, 206, 208,209 have no roots , reabsorbed. 11/05/2022: O reports that Rolo has a swollen face where teeth taken out. upper left where teeth removed healing but very red and inflamed. Face seems larger on that side behind eye.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Staffordshire Bull Terrier The tooth elements 205 to 209 are absent.

The osseous structures of the craniomaxillofacial skeleton – starting level with the occipital bone - present a generalized moderate decreased density and mild to marked smooth thickening of the respective osseous structures. The changes are most pronounced level with the zygomatic and maxillary bone bilaterally. The maxillary bone bilaterally presents with multiple well-defined geographic osteolytic ('cyst-like') lesions, resulting in a multicameral appearance of the bone. The osteolytic lesions are partially in contact with the alveolar crest of multiple teeth – presenting evidence of variable degree of tooth root resorption.

Male The mandible presents the expected density of the osseous structures and

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

7 Years, 5 Months

INTERPRETED BY Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

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 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.

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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 COMPUTED TOMOGRAPHIC DIAGNOSIS

- Laura Hughes
- Polyostotic osteoproliferative lesions of the craniomaxillofacial skeletal structures with multifocal interspersed regions of osteolysis and generalized loss of normal trabecular pattern of the bone
 - Resorptive lesions of the remaining maxillary teeth

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

6-8-22

There is a generalized hyperostosis of the craniomaxillofacial osseous structures with expansile mixed osteoproliferative and osteolytic lesions. The top differential is craniofacial osseous fibrous dysplasia (as none of the other pictured osseous structures are involved) or due to the extend far less likely osteomyelitis (e.g. hematogenous osteitis, Hepatozoon, sterile). Due to the age of the patient osteogenesis imperfecta or calvarial hyperostosis are considered unlikely.



PATIENT

Rolo Wodja

Fibrous dysplasia is very rare in companion animals and is a congenital disorder with a defect in localized osteoblastic differentiation and maturation. Recommend biopsy of maxillary or zygomatic bone including sampling for microbial culture.

The dental resorptive lesions are considered as a sequela to increased osteoclast activity.

SPECIES

Canine

BREED

Staffordshire Bull Terrier

SEX

Male

AGE

7 Years, 5 Months

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REFERRING VET

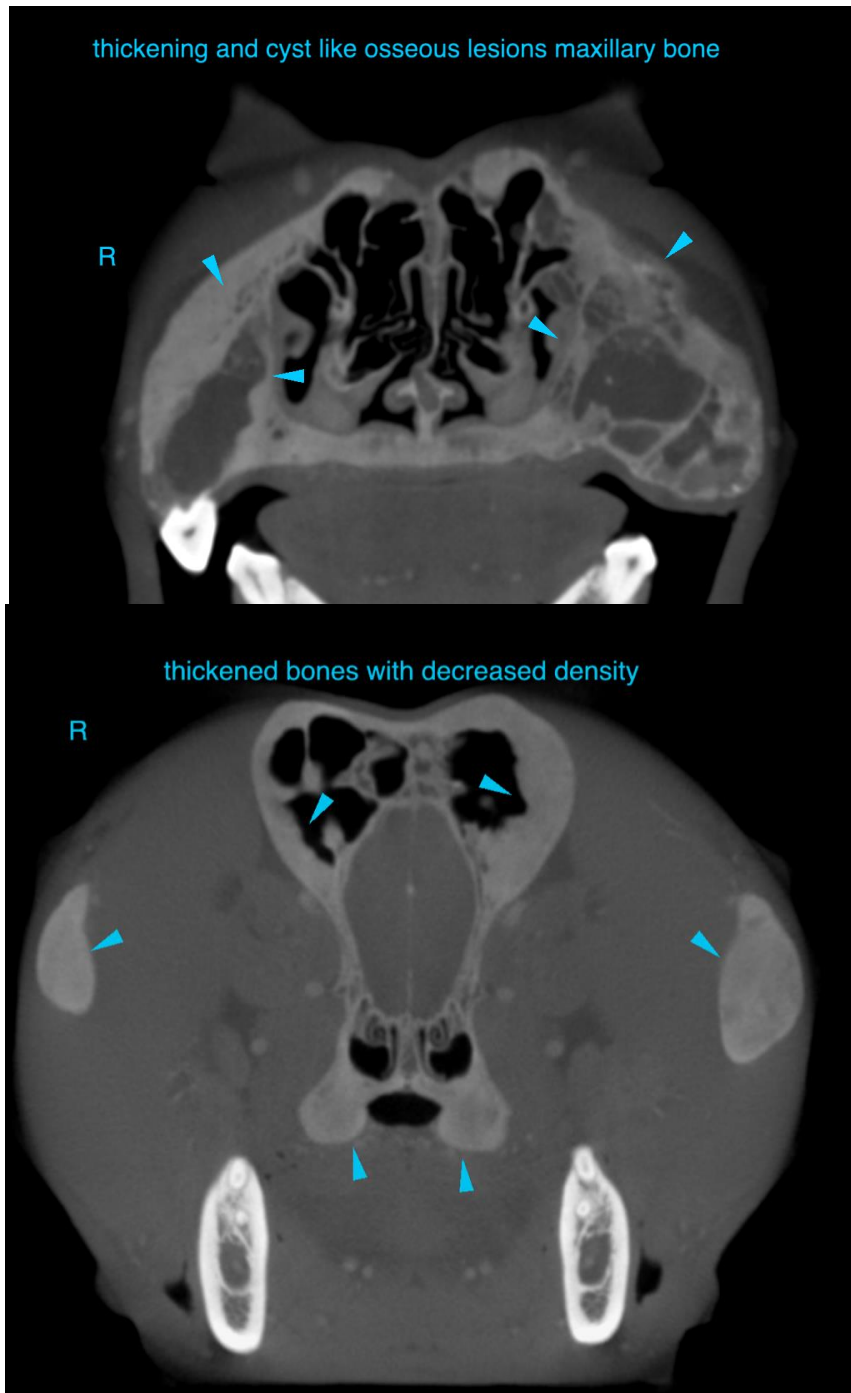
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PATIENT

Rolo Wodja

SPECIES

Canine

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.

BREED

Staffordshire Bull
Terrier

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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SEX

Male

AGE

7 Years, 5 Months

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