



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Stella Lauson
SPECIES Canine
BREED Shih Tzu
SEX Female Spayed
AGE 13 Years

2 week history of acute periorbital swelling and purulent discharge ventral to OS. No known trauma. Clavamox has helped but not resolved it. Patient is exophthalmic and has a corneal ulcer. Performed a CBCT today which showed two retained tooth roots in left maxilla as well as a potential foreign body in the subcutaneous tissue ventral to OS near the location of the draining tract opening. Unsure whether there is tracking between the suspected foreign body and retrobulbar space. Did not see obvious tracking between inflamed retained tooth roots and retrobulbar space or draining tract. Major question is whether to prioritize tooth roots vs suspected foreign body as cause. Or something else that you see.

COMPUTED TOMOGRAPHY OF THE SKULL

A high resolution plain CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

All teeth, but triadan 310, are absent and moderate atrophy of the alveolar bone in all jaw quadrants is appreciated. The periodontal space of triadan 310 is significantly widened. A remaining root of triadan 209 and like triadan 207 is appreciated in the respective alveolar crests, presenting no signs of periodontal disease.

A moderate subcutaneous soft tissue swelling is appreciated along the left maxillary bone – including the upper lip – and extending into the left orbital cavity. The left ocular bulb is deviated rostrally and dorsally by the mass effect.

INTERPRETED BY Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

At the lateroventral aspect of the osseous margin of the left orbital cavity, a well-defined, punctuate mineralization is appreciated.

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

HOSPITAL NAME Aggie Animal Dental Center

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

Both tympanic bullae contain soft tissue material and the osseous lining is mildly thickened and smooth. The external ear canals are within normal limits.

REFERRING VET Dr. Mercedes De Paolo

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue swelling left aspect of the maxillary bond and left sided retrobulbar swelling
- Secondary left sided mild exophthalmos
- Bilateral otitis media
- Advanced periodontal disease 310
- All teeth are absent but triadan 310

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE 8-21-23

The CT study fails to present a specific underlying cause for the soft tissue swelling and draining tract. The appreciated small mineralization at the ventrolateral aspect of the left eye can present a small dystrophic mineralization or small sialolith of the zygomatic salivary gland. The appreciated remaining



PATIENT roots present no signs of inflammation. Unfortunately, further evaluation of the soft tissue swelling in plain CT is limited to screen for possible fistulous tracts or abscess formation.

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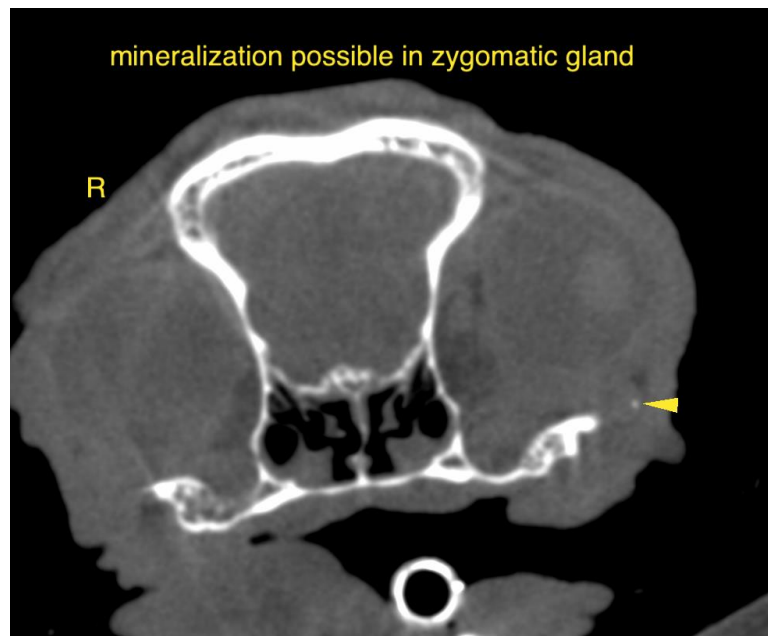
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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