



PATIENT PRESENTING CLINICAL SIGNS

Sweetpea Gleason Eye swelling a couple of weeks ago has not improved. Eye feels very firm, pressure in left eye is normal. P cannot close the eye completely.

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 The tooth elements 105, 205, 210, 305, 311, 405 and 411 are absent. Triadan 109, 209, 310 and 410 present a moderate widening of the periodontal space. Generalized mild to moderate horizontal bone loss is seen in all jaw quadrants.

Shihtzapoo

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

SEX

Female

Originating from the medial wall of the left orbit, a well-defined, eccentric growing, mineralizing mass, presenting a trabecular pattern is appreciated, resulting in lateral and rostral displacement of the left ocular bulb. The mineralizing mass presents a mild fuzzy medial surface.

AGE

2 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

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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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. D'Monte

- Mineralizing benign appearing osteoproliferative mass medial wall left orbit
- Secondary left sided exophthalmos
- Advanced periodontal disease 109, 209, 310 and 410
- Generalized horizontal bone loss in all jaw quadrants
- Multiple absent teeth

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mineralizing plaque like mass at the medial wall of the right orbit is suggestive for orbital (osteoid) osteoma, (periosteal) osteochondroma. A differential is fibrous dysplasia or still less likely osteomyelitis. The odds for malignant osseous disease are considered low. The finding is explaining the left sided exophthalmos.

DATE

11-21-22

FNA sampling ± biopsy of the mineralizing mass appears feasible from a dorsolateral aspect and can be used as advanced diagnostic tool.



PATIENT

Sweetpea Gleason

SPECIES

Canine

BREED

Shihtzapoo

SEX

Female

AGE

2 Years

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REFERRING VET

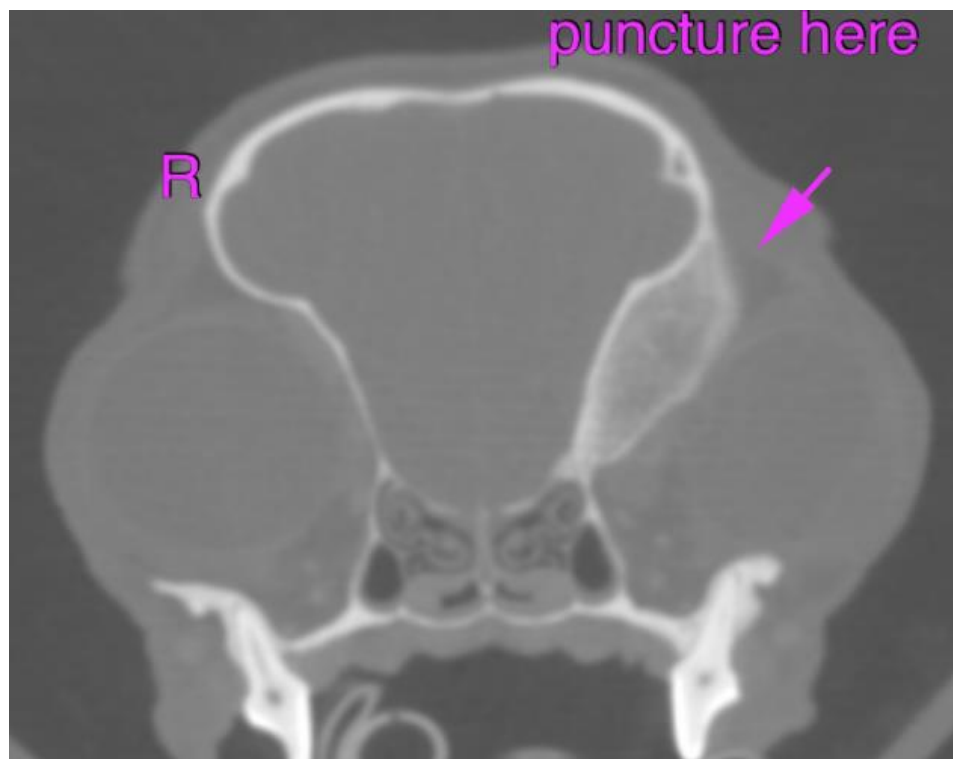
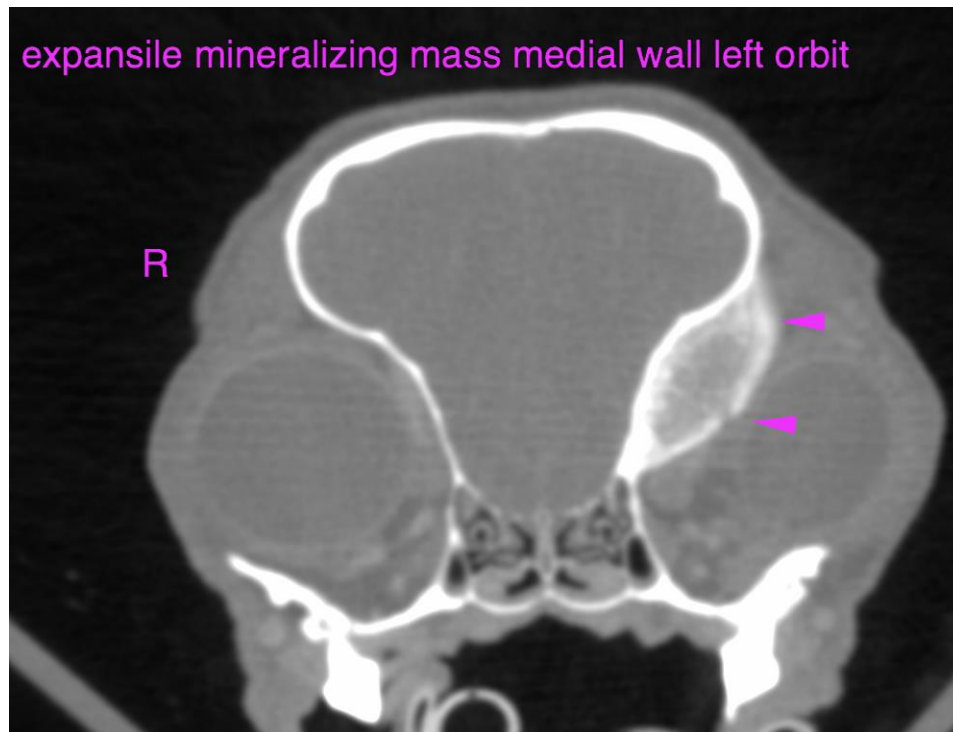
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PATIENT

Sweetpea Gleason

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

Shihtzapoo

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.

SEX

Female

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AGE

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