



PATIENT PRESENTING CLINICAL SIGNS

Dallas Gregory History: oral pain/inappetent for two weeks - moderately responsive to broad-spectrum antibiotics/prednisolone - worsened suddenly in last 48hrs periorbital swelling 24hrs Abnormal PE/Chem/CBC/UA Results: moderate elevation WBC/Neutrophils alkp/alt elevate (iatrogenic - prednisolone)

SPECIES

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

BREED A pre- and post-contrast CT study of the skull in a bone and soft tissue reconstruction is provided for review.

GSD **COMPUTED TOMOGRAPHIC FINDINGS**

SEX The crown of triadan 401 is absent.

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

AGE A moderate swelling of the rostral part of the right temporal muscle is seen, presenting a mild heterogeneous hypoattenuating attenuation pattern. Post contrast administration the contrast enhancement pattern is mildly irregular with a large mild hypoattenuating zone. The right pterygoid muscle is swollen and presents a mild heterogeneous contrast enhancement pattern. The right ocular bulb is deviated rostrally by the mass effect of the right temporal and pterygoid muscle. No osseous changes are appreciated. Moderate edematous swelling of the eyelids is seen.

3 Years

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI The right retrobulbar fat presents moderate soft tissue striation. Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

HOSPITAL NAME

Advanced Veterinary Imaging 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.

REFERRING VET

Dr. Eamon Ryan 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 right mandibular lymph nodes and the right medial retropharyngeal lymph node are prominent with a homogeneous contrast enhancement pattern.

INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS

14461 • Hypoattenuating swelling of the right temporal and pterygoid muscle with surrounding heterogeneous contrast enhancement pattern

DATE

3/30/22



PATIENT

- Secondary right sided exophthalmos and mild retrobulbar steatitis
- Lymphadenopathy right mandibular and medial retropharyngeal lymph node

Dallas Gregory

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

BREED

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There is a moderate swelling of the right temporal and pterygoid muscle are compatible with inflammatory swelling with secondary retrobulbar steatitis. Emerging abscess formation in the rostral aspect of the right temporal muscle is considered likely and the leukocytosis is supporting the diagnosis of infectious origin of the myositis. No foreign material is appreciated in the current CT study, however isoattenuating material cannot be ruled out. Ultrasound can be used to localize the cavitory lesion warranting surgical drainage; checking for swelling caudal to the last right maxillary molar and surgical stab incision including sampling for microbial culture is an alternative approach.

SEX

Neutered Male

AGE

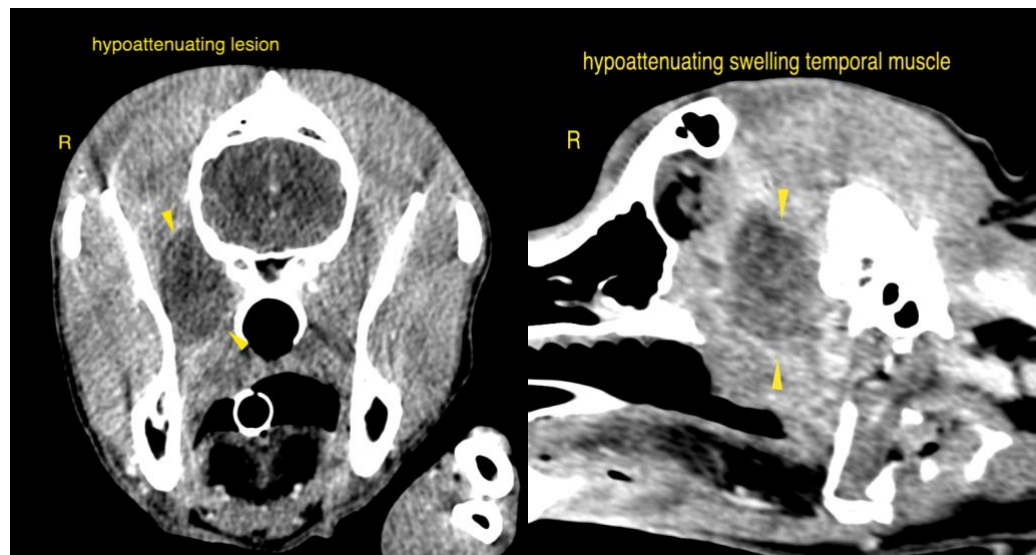
3 Years

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Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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Imaging



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.

REFERRING VET

Dr. Eamon Ryan

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.

INVOICE

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