



PATIENT

Drago Rose

SPECIES

Canine

BREED

Boxer

SEX

NM

AGE

3Y, 5M

WEIGHT

30.6kg

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

IMAGING PERFORMED BY

Stephany R., & Maddy
J.

HOSPITAL NAME

Neel Veterinary Hospital

REFERRING VET

Dr. Ellen Domnick

INVOICE

73287

DATE

1-12-26

PRESENTING CLINICAL SIGNS

O noticed acute swelling around right eye 3-4 days ago. It has worsened. Also pt is reluctant to eat and use his favorite kong toy, and yelps when he tries to play with it or open his mouth. Very reluctant to open his mouth. no h/o trauma, infections. is not currently vaccinated or on preventatives
Abnormal PE/Chem/CBC/UA Results: PE- underweight but very BAR, very reluctant to have oral exam awake, moderate to swelling periocular OD swelling with exophthalmos and deviation of OD globe and elevation and swelling of NM and conjunctiva. Will not open mouth on awake exam but was able to fully open mouth under anesthesia with no xs laxity, crepitus, or resistance; mild periodontal disease with gingivitis, tartar, plaque and early gingival recession; LAB - L MCV 51.4%, chem panel all values wnl. thoracic rads = wnl; ECG = nsr . Aspirated 1 cc of red-brown fluid from ventral OD periorbital area which is submitted for C&S.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A large, multicavitated, rim-enhancing lesion containing fluid attenuating material measuring approximately 5 x 3 x 2.5 cm is seen in the right retrobulbar space with retromolar and temporal extension. Peripheral rim enhancement is noted. There is associated periorbital soft tissue swelling and exophthalmos of the right globe. Adjacent musculature and orbital fat are displaced. However, the globe remains intact. There is no foreign material identified within the lesion. No evidence of aggressive bone lysis is noted. The cavity is directly adjacent to the coronoid process of the right mandible.

Moderate enlargement of the right retropharyngeal and submandibular lymph nodes compatible with reactive changes is seen.

Bilateral mandibular dentigerous cysts involving the roots of teeth 305, 306, 405, and 406 are seen.

Both external auditory meatuses present extensive thickening of their epithelial lining. Hypoattenuating material is seen in the lumen of the external auditory meatuses. Stenosis of the medial aspect of the bilateral meatuses is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right retrobulbar abscess with peripheral cellulitis and regional lymphadenitis.
- Bilateral mandibular dentigerous cysts.
- Bilateral chronic otitis externa with ear canal stenosis.
- Right retropharyngeal and submandibular lymphadenomegaly compatible with reactive or inflammatory lymphadenitis.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are consistent with a large right sided retrobulbar abscess which correlates with the patient's history. Regional cellulitis and reactive lymphadenopathy are identified. Evidence of foreign material is not seen. Surgical drainage of the retrobulbar abscess is recommended if not performed already. Please note the multicavity nature of the lesion which can render draining the abscess challenging.

Clinical and imaging follow up of the dentigerous cysts can be considered since they can progress in



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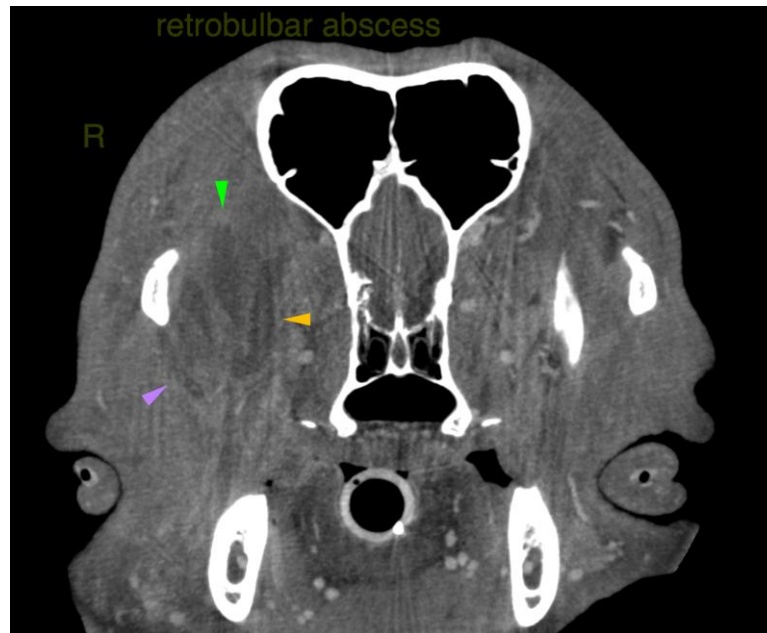
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size and contribute to mandibular bone loss.

Consider work up of the otitis externa as clinically indicated.



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

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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