



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Gitana Neyra
SPECIES Canine
BREED Black Mouth Cur

Has had a swelling on the R side of jaw for ~2 weeks. Was given a short course of prednisone the first time and it resolved but then came back and was put back on pred. Both of these visits were at an urgent care so I'm not 100% sure where the swelling originated from. As of today, there was a palpable firm swelling on the R side of the mandible near the ramus. FNA of this area showed copious neutrophils. Surgical explore did not reveal any pus or masses; just firm muscles. On the inside of the mouth there MAY have been a scar indicating FB penetration in the back corner of the mouth where the swelling was palpable. I placed a drain and started antibiotics. Because it was difficult to make out where the swelling was on the CT scan, I took a scan just of the palpable swelling with a needle in it as a marker (study 02281).

Abnormal PE/Chem/CBC/UA Results: overall normal BW other than mild neutrophilia

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

SEX Plain and post contrast studies are available for review.

FS

COMPUTED TOMOGRAPHIC FINDINGS

AGE 8yr

Diffuse subcutaneous soft tissue swelling is seen in the right masseter region, extending along the path of the parotid duct and ventral to it. Fat stranding and increased contrast enhancement are noted. Extension of the soft tissue swelling and fat stranding into the right submandibular and retropharyngeal tissues is seen.

INTERPRETED BY

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

Mild enlargement of the right submandibular and retropharyngeal lymph nodes is noted. The right parotid and right mandibular salivary glands are mildly enlarged with otherwise normal architecture.

No evidence of a discrete soft tissue mass, foreign material or abscess cavity is seen.

The mandible and dentition present within normal limits

HOSPITAL NAME

Animal Health Care
Denver

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right facial soft tissue cellulitis with associated reactive lymphadenopathy and submandibular as well as retropharyngeal extension.
- Mild enlargement of the right parotid and mandibular salivary glands.
- Mild right submandibular and retropharyngeal lymphadenomegaly compatible with reactive lymphadenitis.
- No discrete mass, abscess or bony involvement.

REFERRING VET

Cathryn Sayer

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INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with infectious /inflammatory cellulitis rather than abscess formation. Sialadenitis with ductalitis is a possible differential diagnosis aside from migrating foreign material or penetrating injury. Enhancement pattern and fat-threading support active inflammation. Cysts or abscess formation is not seen at this time.

Continuation of the initiated antibiotic treatment is recommended. Drain placement should be



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maintained until clinical resolution is achieved. Monitor regional swelling and lymph node involvement. Consider repeat imaging if swelling persists or worsens.

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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.

REFERRING VET

Cathryn Sayer

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.
info@sonopath.com

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