



PATIENT PRESENTING CLINICAL SIGNS

Alexa Kumar long standing history >6mnt submandibular swelling right side - recently progressed to marked swelling and pitting oedema - pyrexia
Abnormal PE/Chem/CBC/UA Results: not performed

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL AND CERVICAL SOFT TISSUE

A high-resolution pre- and post-contrast CT study of the cervical soft tissue and head are provided for review.

BREED

Malamute

COMPUTED TOMOGRAPHIC FINDINGS

The right mandibular lymph nodes are severely enlarged with abnormal shape and peripheral enhancement, with mixed central non-enhancing hypoattenuating lesions and enhanced septations. The right side adjacent cervical and ventral subcutaneous soft tissue is increased in volume with surrounding fat stranding. In addition, there is a subcutaneous soft tissue swelling in the right-side maxillary, facial, and labial subcutaneous regions. No opaque foreign material or fistulous tract are seen.

SEX

Female Neutered

AGE

4

The retropharyngeal lymph nodes are asymmetrical, and moderately enlarged (> right side), and mild heterogeneously attenuating. The right retropharyngeal lymph node measures 3.6cm x 1.3cm; The left retropharyngeal lymph node measures 2.3cm x 0.8 cm.

The left mandibular lymph nodes are unremarkable.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The salivary and parotid glands are normal in size, shape, and contour.

The zygomatic and lingual salivary glands are normal in size, shape, and contour.

The thyroid glands are normal in size, shape, and contour.

The tonsils, larynx and pharynx are normal.

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The nasal cavities, nasal turbinates, and frontal sinuses are unremarkable.

The bone structures of the head and face are normal.

The mandibular and maxillary osseous structures are normal. In addition, all the teeth are normal.

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Eamon

The temporomandibular joints are bilaterally congruent.

The brain attenuation is normal, no mass effect is identified.

INVOICE

57907

The collimated thorax is unremarkable.

DATE

4-20-23



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Alexa Kumar

- Right side mandibular lymph node enlargement with extensive nodal and ill-defined perinodal contrast enhancement and adjacent cervical and facial soft tissue swelling. The differential diagnosis includes abscessation, suppurative lymphadenitis, and necrosis.

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- Retropharyngeal reactive lymphadenitis, more on the right side.
- Otherwise, normal cervical and normal head structures.

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Malamute

The severely enlarged mandibular lymph nodes with extensive right side cervical and facial swelling and inflammation is correlated with the patient’s clinical history. No signs of fistulous tract or radiopaque foreign material, however, small and non-opaque foreign material is not completely excluded in the differential diagnosis. Other less likely differential diagnosis includes metastatic lymph node of unknown origin; however, any signs of a head and neck neoplasm process were not identified.

SEX

Female Neutered

An FNA for cytology for antibiogram, culture, and sensitivity is suggested. A conservative treatment with broad spectrum antibiotics is recommended before obtaining the results of culture and antibiogram if not performed yet. Due to the severity of the lesion, a drainage approach or surgical excision is also suggested despite being a more aggressive approach, however, can be necessary. Also, supportive care and pain relief medication is recommended.

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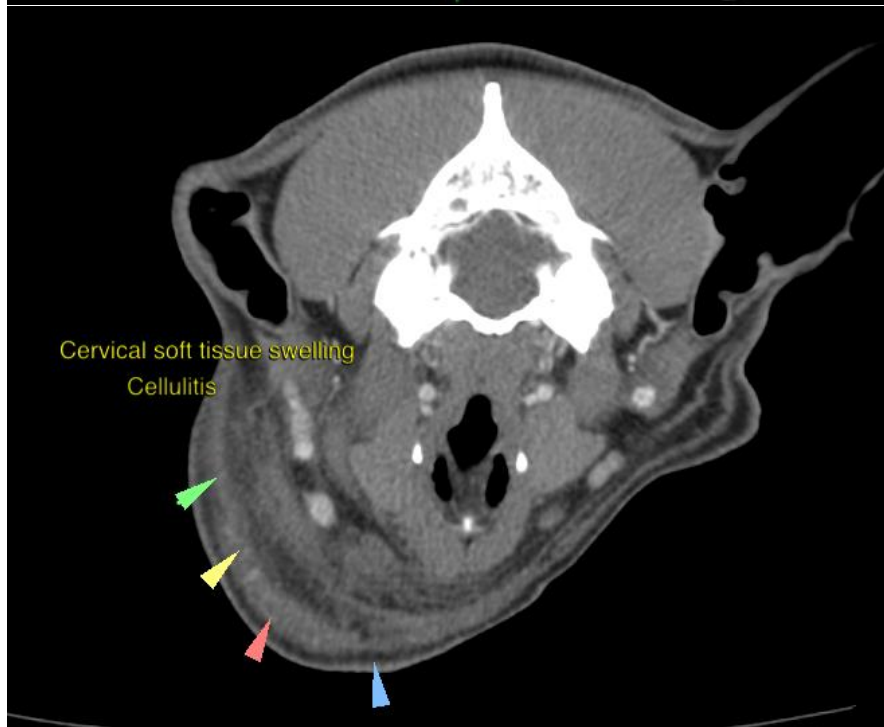
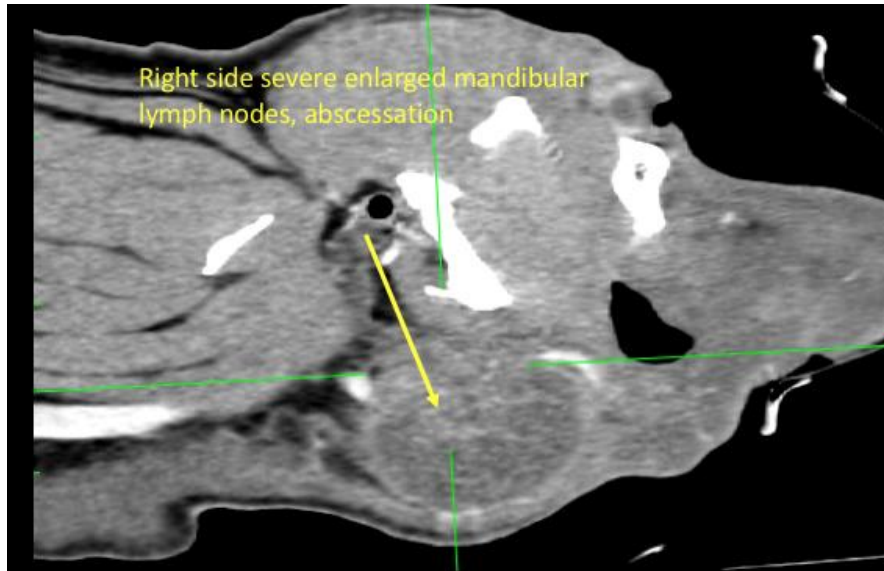
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PATIENT

Alexa Kumar

SPECIES

Canine

BREED

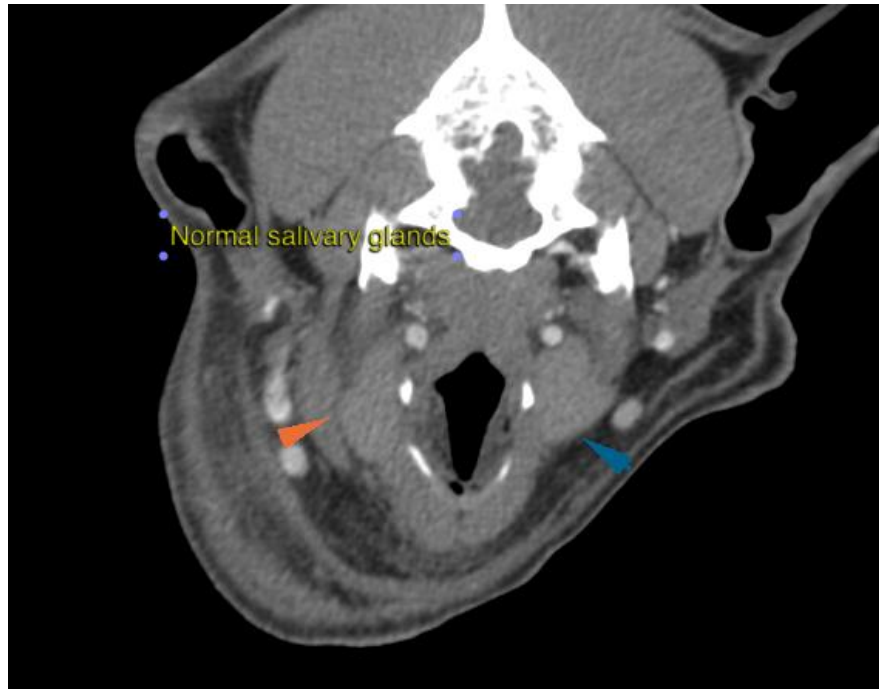
Malamute

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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.

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