



PATIENT

CJ Iordenko

PRESENTING CLINICAL SIGNS

Evaluation of rapidly growing SQ swelling on the ventral neck that owner first noticed around March 1st 2023. Owner first noticed it when pet was struggling to swallow food and his breathing started to change. FNA cytology performed on 3/15 was supportive of an epithelial or sebaceous neoplasm.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE NECK

Plain and post contrast studies available for review.

BREED

Cocker Spaniel

COMPUTED TOMOGRAPHIC FINDINGS

Severe bilateral submandibular and medial retropharyngeal lymphadenomegaly is seen. The submandibular lymph nodes measure approximately 3 cm in length and 2.5 cm in diameter. The retropharyngeal lymph nodes measure approximately 6 cm in length and 3.5 cm in diameter. The lymph node margins are ill-defined. Multiple superficial vascular anastomoses are seen. Cavitation of the lymph nodes with severely heterogeneous contrast enhancement is noted.

SEX

Male Neutered

There is a significant mass effect of the submandibular and retropharyngeal lymph nodes onto the larynx and trachea.

AGE

10 Years, 7 Months

The cervical lymph nodes are moderately enlarged with similar enhancement as well.

Both thyroid lobes are seen separate from the lymph nodes and present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right tonsil appears to be enlarged.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe bilaterally symmetric submandibular and medial retropharyngeal lymphadenomegaly meeting neoplastic criteria.
- Moderate multiple cervical lymphadenomegaly meeting neoplastic criteria.
- Suspect enlarged right tonsil versus mucosal fold.
- No evidence of thyroid gland involvement.

HOSPITAL NAME

Wilson Veterinary Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Burge

The CT study reveals severe bilateral submandibular and retropharyngeal lymphadenomegaly with a mass effect onto the larynx and trachea. The pattern of enlargement is highly suggestive for neoplastic enlargement. Primary lymphomatous infiltrate as well as metastatic disease of another undetermined primary tumor are potential differential diagnoses. There is no evidence of thyroid involvement.

INVOICE

57533

The right tonsil may be enlarged which may represent tonsillitis or right tonsillar neoplasia such as carcinoma. Tonsillar carcinoma can be small with large regional lymph node metastases. The appearance of the right tonsil should be double checked clinically by means of visual inspection in order to rule out true tonsillar enlargement and the need for sampling.

DATE

3-29-23

Sampling of the severely enlarged lymph nodes could be repeated in order to establish a final diagnosis. It may be beneficial to use ultrasonographic guidance for the sampling in order to allow



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for a diagnostic yield and avoid the necrotic/fluid filled cavitations within the lymph nodes. Reactive lymphadenitis or granulomatous lymphadenitis are overall highly unlikely as potential differential diagnoses.

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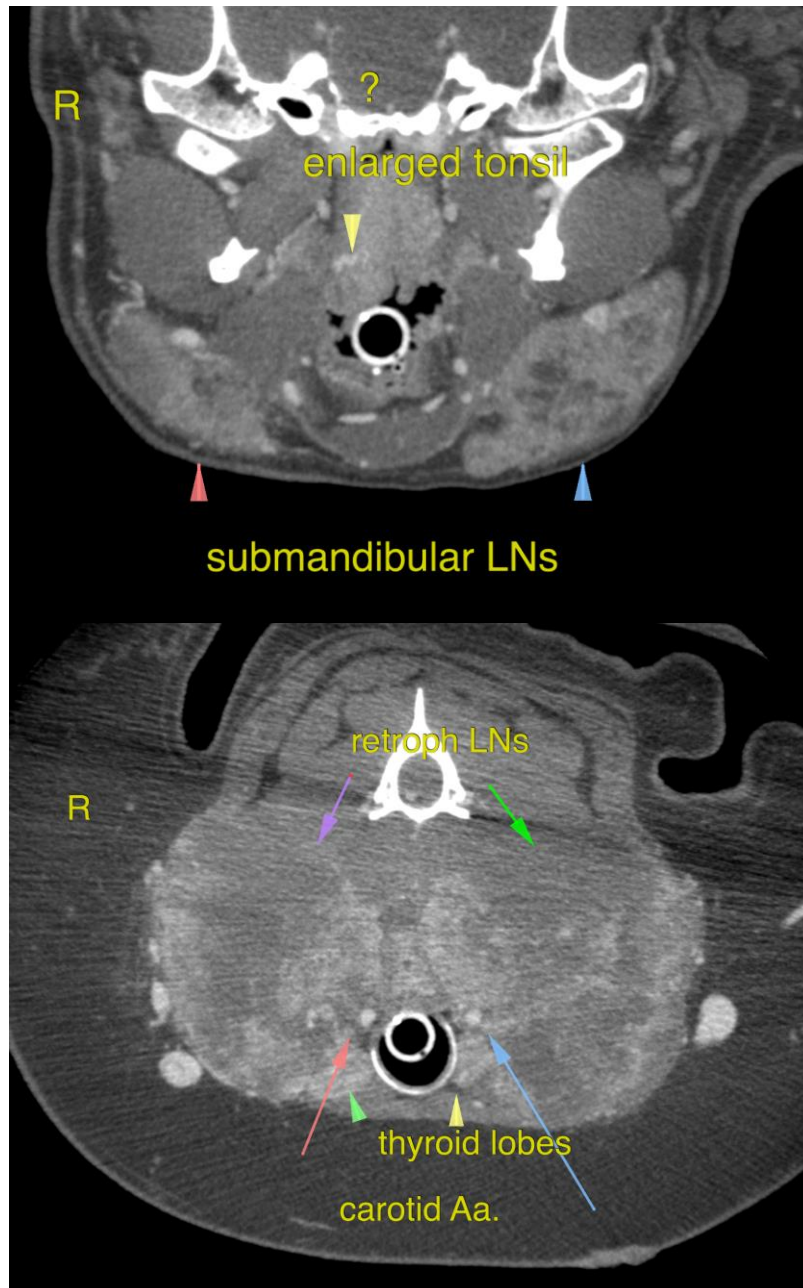
Dr. Burge

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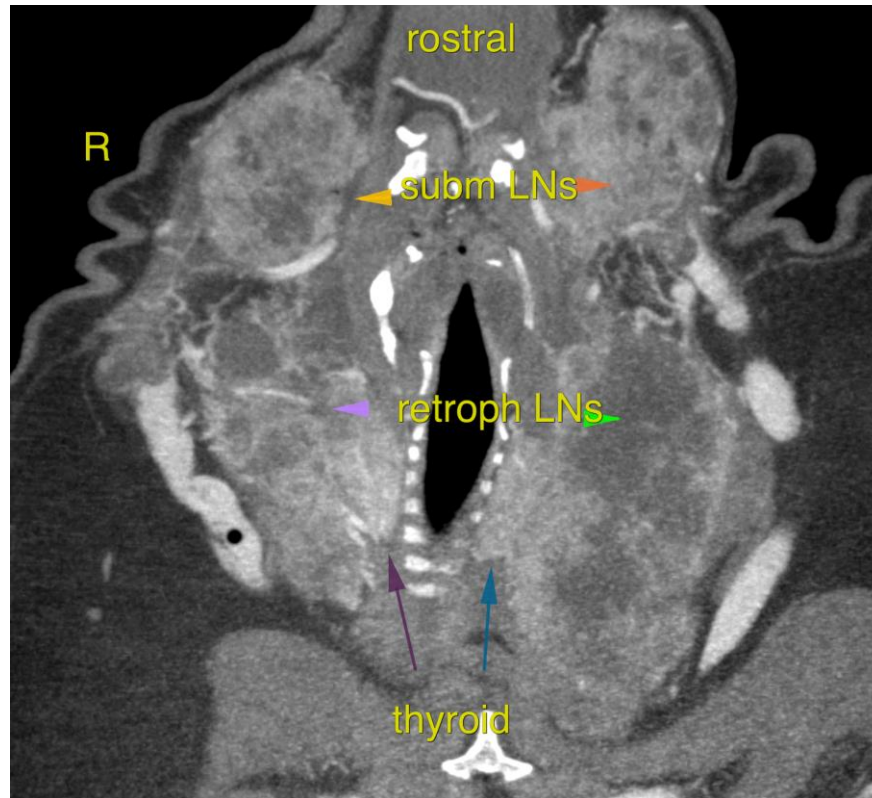
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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