



PATIENT PRESENTING CLINICAL SIGNS

Bella Cantero Left caudal SQ mandibular swelling; over 1 month duration. Sanguineous material expressed from mass under anesthesia. Elevated white blood cells. Responds minimally to oral antibiotics and NSAIDs.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SOFT TISSUE

A pre and pos-contrast study of the cervical soft tissue are provided for review, totaling 2 series. One pre-contrast series, soft tissue algorithm. One post-contrast series, soft tissue algorithm.

BREED

Rhodesian Ridgeback

COMPUTED TOMOGRAPHIC FINDINGS

In the topographic region of the left retropharyngeal lymph node (and/or involving the retropharyngeal lymph nodes), there is a large, rounded, heterogeneously attenuating, and enhancing soft tissue mass. The center of the mass has a hypoattenuating irregular fluid content with a thick, irregular, and enhancing border. The mass measures approximately 10.2cm by 9.8cm by 7.6cm.

SEX

FS

The mass effect causes a pathway displacement of the left common carotid artery and left external jugular vein. The mass is cranial and contiguous to the cranial portion of the left thyroid gland. Multiple small tortuous shunting vessels are seen adjacently and caudally to the mass, however, there is no evidence of a filling defect in the major correspondent vessels.

AGE

6

The mass effect progresses ventrally, and the left mandibular lymph nodes are also enlarged and heterogeneously enhancing. Mild ventral and lateral cervical soft tissue swelling is seen.

INTERPRETED BY

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

The right retropharyngeal lymph node and accessory are mildly enlarged, normal shape, and mildly heterogeneously enhancing. The right mandibular lymph nodes are unremarkable.

The left thyroid gland is mildly heterogeneous and mildly enlarged measuring approximately 2.5cm by 1.1cm. The right thyroid gland has a hypoattenuating nodule at the caudal portion that measures 0.5cm. The right thyroid gland measures approximately 2.7cm by 0.8cm.

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The right and left mandibular salivary glands are normal in size, shape, and attenuation. However, the mass effect is displacing the left salivary gland.

The left deep cervical lymph node is mildly enlarged, normal shape and attenuation.

The palatine tonsils are normal.

The parotid glands are unremarkable.

REFERRING VET

Dr. Horsley

The hyoid apparatus is mildly displaced to the right side; however, no osteolytic changes are seen.

The temporomandibular joints are bilaterally congruent.

INVOICE

59409

The tympanic cavities and external auditory canals are unremarkable.

No other abnormalities are identified.

DATE

7-17-23



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

- PATIENT** Bella Cantero
- SPECIES** Canine
- BREED** Rhodesian Ridgeback
- Large, rounded, heterogeneous mass involving the left retropharyngeal lymph nodes and left mandibular lymph nodes, displacing the adjacent vessels (Left common carotid artery and left external jugular vein), and contiguous to the cranial pole of the left thyroid gland. The differential diagnosis includes ectopic thyroid mass (neoplasm process, for example, thyroid carcinoma) or metastatic and/or abscess retropharyngeal lymph nodes with mandibular lymph nodes involvement, other differential diagnosis includes left side carotid body tumor. No evidence of radiopaque foreign material.
 - Mild ventral cervical subcutaneous swelling and inflammation.
 - Right side small hypoattenuating thyroid nodule, the differential diagnosis includes a thyroid adenoma.
 - Left side deep cervical lymphadenitis, reactive or metastatic.
 - Right side retropharyngeal lymphadenitis, reactive or metastatic.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- SEX** FS
- AGE** 6
- As performed, a more invasive approach for diagnosis, for example, fine-needle aspiration and/or biopsy is suggested and required for diagnosis. Concomitant medical treatment with anti-inflammatory drugs and/or antibiotics is suggested due to the swelling and inflammation in the ventral subcutaneous tissue. The central portion of the left retropharyngeal mass has more fluid content or necrotic areas. Some adherence within the left carotid artery and left external jugular vein is possible.

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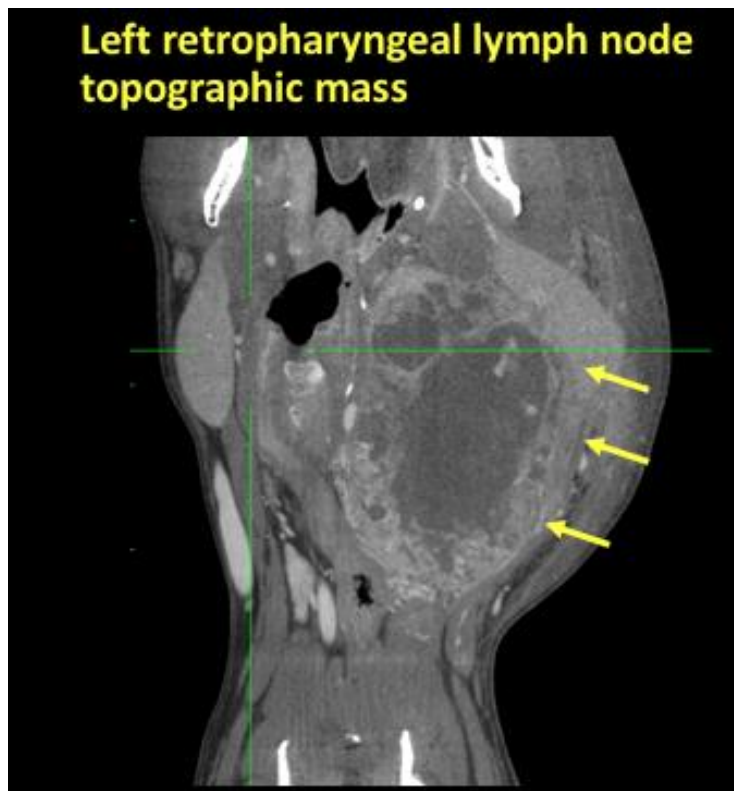
Dr. Horsley

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PATIENT

Bella Cantero

SPECIES

Canine

BREED

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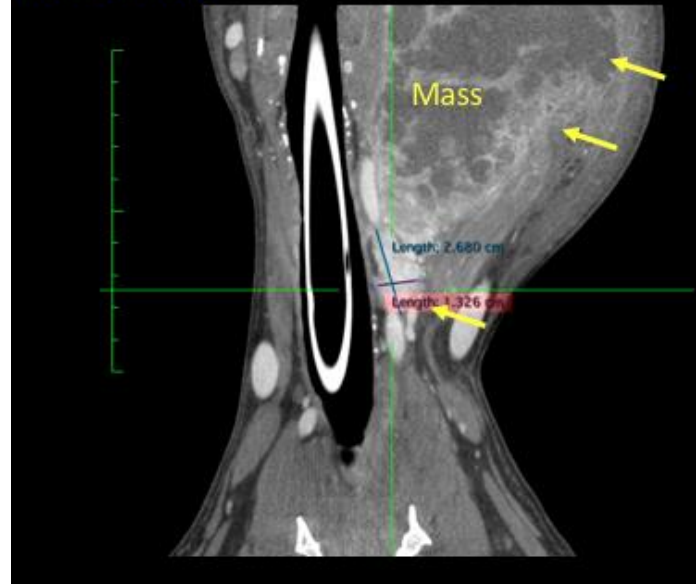
SEX

FS

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6

Left thyroid gland and left side contiguous cranial mass



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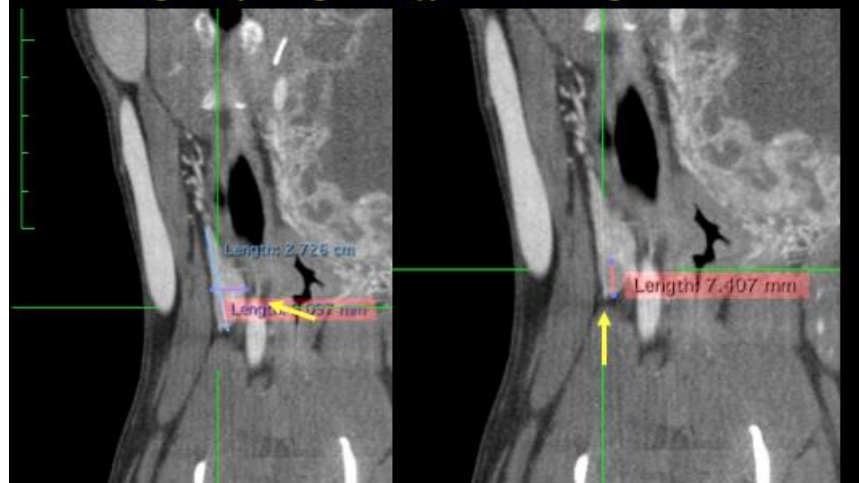
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Right thyroid gland hypoattenuating nodule





PATIENT

Bella Cantero

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.

SPECIES

Canine

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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SEX

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