



## PATIENT

Jack Westwood

## SPECIES

Canine

## BREED

Jack Russell

## SEX

Male

## AGE

9

## WEIGHT

9

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Molly Ellson

## HOSPITAL NAME

Animal Trust -  
Ellesmere Port

## REFERRING VET

James Portsmouth

## INVOICE

72541

## DATE

11-10-25

## PRESENTING CLINICAL SIGNS

large approx 10cm x 5cm raised flattened mass over R neck/submandibular area previous fnas suggest lymphoid tissue and poss mast cells appears irritated and poss infected challenging removal

## COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

A pre- and post-contrast CT study of the head was provided for review, totaling two series: one pre-contrast series using a bone algorithm and one post-contrast series using a bone algorithm.

## COMPUTED TOMOGRAPHIC FINDINGS

A large, elliptical, mildly irregular, heterogeneously contrast-enhancing subcutaneous soft tissue mass is present in the right ventrolateral cervical region. The lesion causes extramural compression of the external jugular vein and measures approximately 8.7 × 2.9 cm. Adjacent subcutaneous swelling is noted.

Two additional rounded subcutaneous soft tissue nodules are identified in the dorsal cervical region, at the level of C5 and the left scapula, measuring approximately 0.4 cm and 0.9 cm, respectively.

The right medial retropharyngeal, mandibular, and cervical superficial lymph nodes are moderately enlarged.

The left medial retropharyngeal and mandibular lymph nodes are within normal limits.

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

The nasal cavities, turbinates, cribriform plate, frontal sinuses, oropharynx, and nasopharynx are unremarkable.

No intracranial mass effect or abnormal attenuation is identified.

The tympanic bullae, external auditory canals, globes, and retrobulbar spaces are within normal limits.

Missing teeth include Triadan 106, 206, 305, 405, 406, and 408.

The temporomandibular joints are bilaterally congruent.

The mandibular, parotid, and zygomatic salivary glands are normal.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large, heterogeneously enhancing subcutaneous soft tissue mass in the right ventrolateral cervical region causing extramural compression of the external jugular vein. Differential diagnoses include primarily soft tissue neoplasia such as lymphoma, mast cell tumor, or soft tissue sarcoma).
- Two small subcutaneous nodules in the dorsal cervical and scapular regions – possible satellite nodules or unrelated incidental findings (e.g., reactive or metastatic).
- Moderate enlargement of the right medial retropharyngeal, mandibular, and cervical superficial lymph nodes – compatible with reactive or metastatic lymphadenopathy.
- Otherwise, unremarkable tomographic findings of the head structures.



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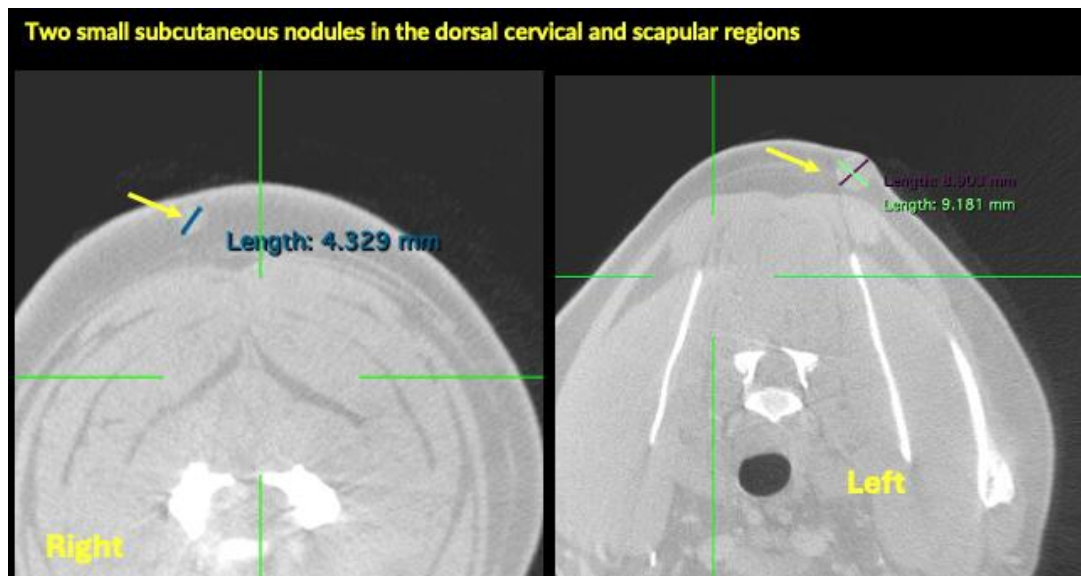
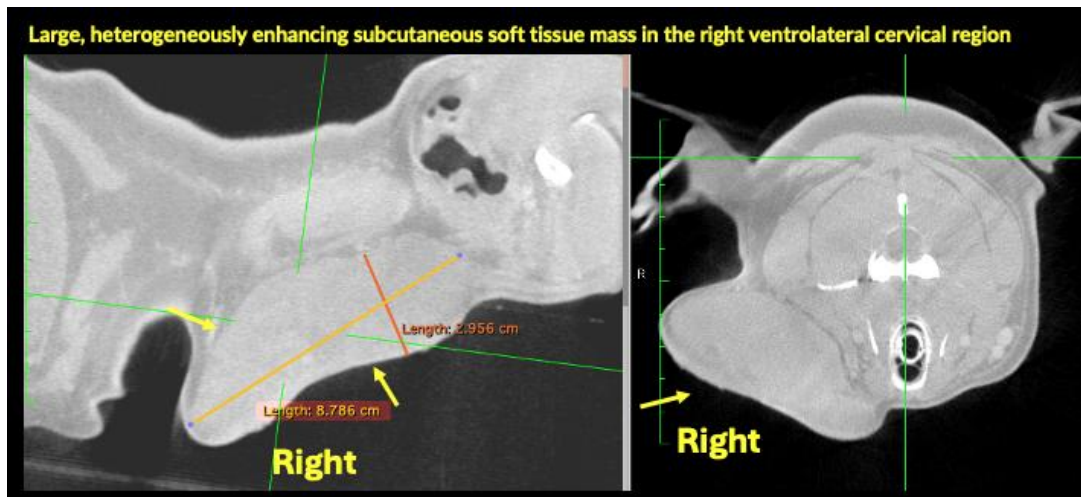
## DATE

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## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings indicate a large, irregular, heterogeneously enhancing subcutaneous mass in the right ventrolateral cervical region with associated lymphadenopathy and mild adjacent soft tissue swelling. The lesion's characteristics are most compatible with neoplastic disease (lymphoma, mast cell tumor, or soft tissue sarcoma).

A repeat fine-needle aspiration under ultrasound guidance or a biopsy of the large mass is recommended for definitive diagnosis. Thoracic radiography or computed tomography is advised to evaluate for possible metastatic disease.





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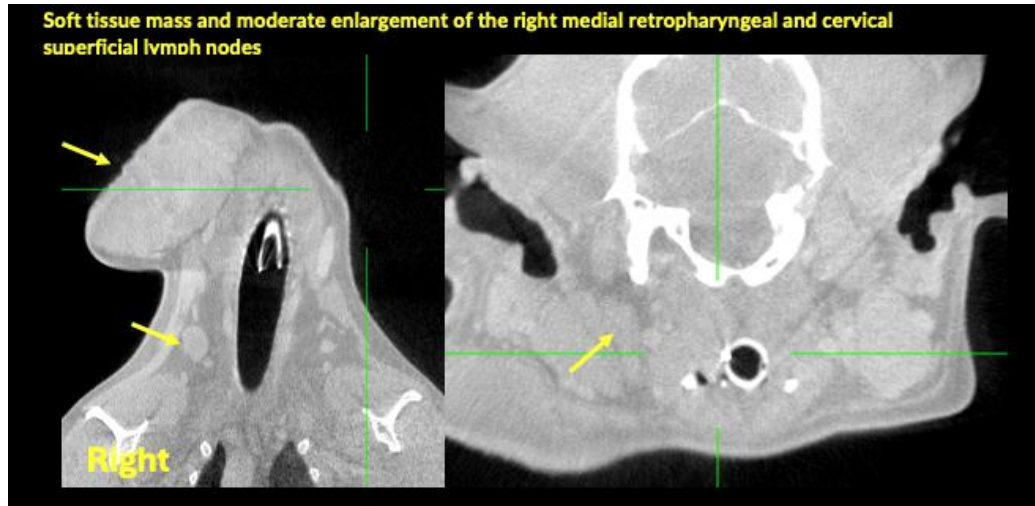
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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