



PATIENT

Duque Mendoza

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

10

WEIGHT

35

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

IMAGING PERFORMED BY

Armando Sobrado

HOSPITAL NAME

Miami Springs AH

REFERRING VET

Dra. Cuesta

INVOICE

35205

DATE

1/2/26

PRESENTING CLINICAL SIGNS

History: The pet underwent surgery last April for removal of a small mass located in the neck region, anterior to the left shoulder. A few days ago, the owner noticed a new mass in the same area; however, this one is larger in size.

COMPUTED TOMOGRAPHIC STUDY OF THE NECK

A high resolution pre- and post-contrast CT study of the neck is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The subcutaneous tissue along the ventral aspect of the neck presents moderate edematous swelling.

The right thyroid gland presents an intraparenchymal, uniform soft tissue attenuating and heterogeneous mild to moderate contrast enhancing nodule, measuring 11 mm in diameter.

At the left caudolateral aspect of the neck/left prescapular region, an ill-defined, roundish, uniform soft tissue attenuating and heterogeneous contrast enhancing mass -presenting central fluid attenuating areas – is visible, measuring 7.6 x 7.8 x 7.5 cm. The roundish mass in the left prescapular region presents a lancet shaped extension caudomedially, extending into the left cranial axillary region, merging with the local musculature. The tracheal and left common carotid artery are deviated to the right by the mass effect. In the subcutaneous tissue in the periphery of the left prescapular mass, multiple soft tissue attenuating nodules are seen.

The left axillary lymph nodes are prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large soft tissue mass left prescapular region with signs of local infiltrative growth and central zones with cavitation
- Multiple subcutaneous soft tissue nodules in the periphery of the left cervical soft tissue mass
- Lymphadenopathy left axillary lymph nodes
- Edematous subcutaneous swelling ventral aspect of the neck
- Nodular lesion right thyroid gland

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The large left prescapular mass in combination with the history is highly suggestive for reoccurrence of the excised soft tissue neoplasm/lymph node metastasis to the superficial cervical lymph node – such as sarcoma or mast-cell tumor. The subcutaneous peripheral nodules may present soft tissue metastasis or enlarged lymphatic tissue – concerning for metastasis. Due to the zones of cavitation, abscess formation is a less likely differential. FNA sampling/biopsy of the mass can be performed for specification.



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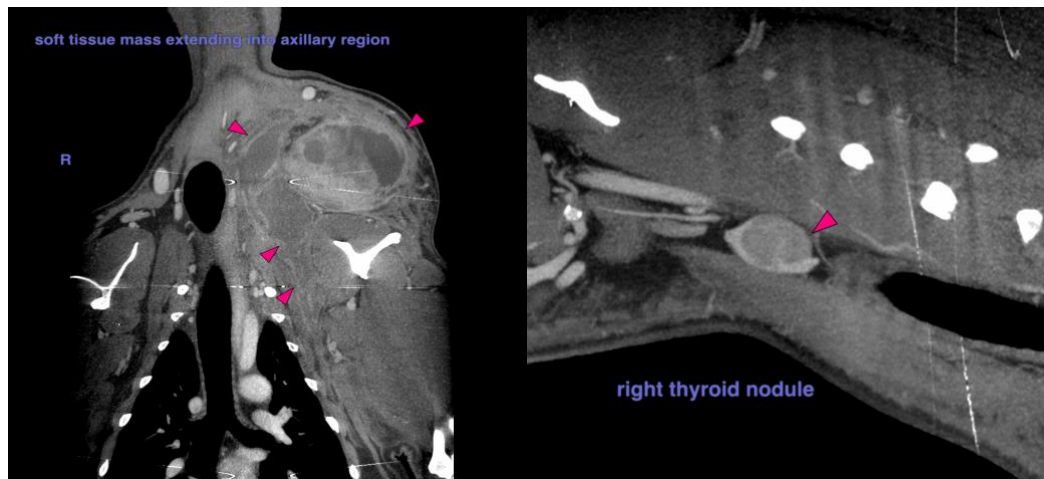
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If neoplasia is confirmed, surgical management may not be feasible or will warrant amputation of the left front limb with a high risk for repeated local reoccurrence.

The right thyroid soft tissue nodule can present benign nodular hyperplasia or (non)functional parathyroid adenoma versus thyroid carcinoma formation.



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.

Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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