



PATIENT PRESENTING CLINICAL SIGNS

Bella D'ericco cervical mass (rule out thyroid tumor)

COMPUTED TOMOGRAPHY OF THE SKULL&NECK

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

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

BREED The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

Lab Mix Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

SEX 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.

FS The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

AGE 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.

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

At the ventral aspect of the hyoid apparatus, centered on the basihyoid bone, an ill-defined, uniform soft tissue attenuating and heterogeneous contrast enhancing mass is seen, measuring 3.0 x 2.4 x 4.0 cm in size. The basihyoid bone presents moth eaten osteolytic lesions. In the caudodorsal aspect, the mass is in contact with the thyroid cartilage.

HOSPITAL NAME

Animal Surgical Center

The subcutaneous fat at the right dorsolateral aspect of the cervical spine presents a zone with mild soft tissue striation and interspersed gas bubbles – consistent with preceding subcutaneous injection.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET • Soft tissue mass centered on the basihyoid bone

South Shore Animal Hospital

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The ill-defined mass centered on the ventral aspect of the basihyoid bone is consistent with soft tissue neoplasm and in this location potentials can include basihyoid ectopic thyroid carcinoma, squamous cell carcinoma, melanoma, sarcoma. Recommend FNA sampling for further differentiation. Surgical excision will warrant amputation of parts of the hyoid apparatus. However, as the mass presents ill-defined margins to the laryngeal structures and is in close contact with the thyroid cartilage, complete surgical excision might not be feasible. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist as an alternative treatment option.

DATE

1-11-23

Consider full tumor staging.



PATIENT

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Lab Mix

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REFERRING VET

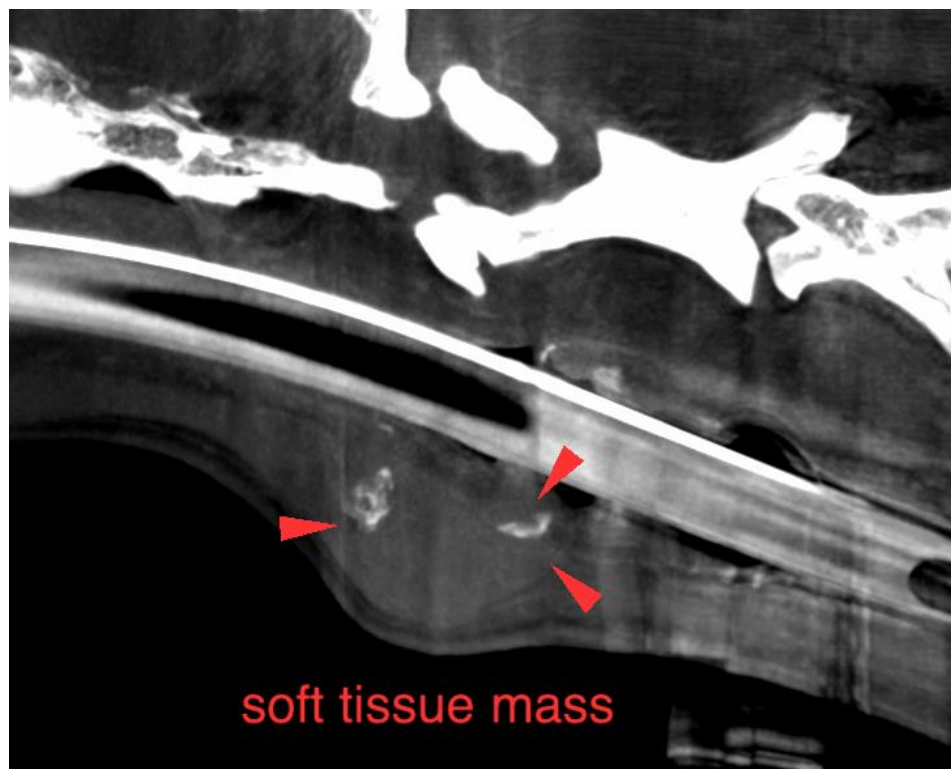
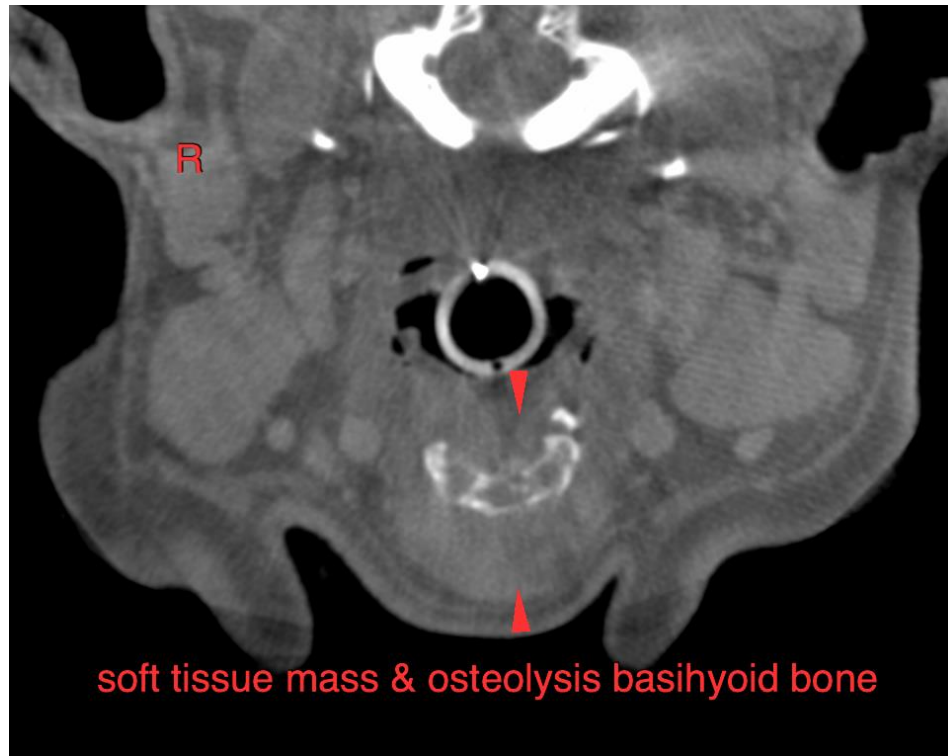
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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