



PATIENT

Cody Rappa

PRESENTING CLINICAL SIGNS

Cody presented for multiple subcutaneous masses with the right submandibular more prominent

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

BREED

Golden Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Skull

The premolar teeth in the upper and lower jaw quadrants present with ankylosis and resorption of the tooth roots.

SEX

MN

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

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

AGE

12 Years

Both tympanic bullae are filled with soft tissue attenuating material; the osseous lining of the tympanic bullae is smooth and thin. The external ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Animal Surgical
Center

The right mandibular salivary gland is moderately irregularly enlarged, resulting in a macronodular appearance, and presents with a well-defined, peripherally contrast enhancing and central hypoattenuating lesion in the rostralateral aspect. The right mandibular salivary gland is measuring 6.3 x 4.3 x 8.7 cm in size. The parotid salivary gland is deviated dorsally and rostrally by the mass effect.

REFERRING VET

Peace Love Pets

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.

A well-defined subcutaneous nodule is seen, cranial to the right shoulder joint, measuring 8 mm in diameter.

INVOICE

50202

Thorax

Mild to moderate motion artefacts are seen throughout the thorax.

The bony and surrounding soft tissue structures are within normal limits.

DATE

2-9-22

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.



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The cardiovascular structures including the pulmonary vasculature are within normal limits.

Cody Rappa

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Golden Retriever

- Mass right mandibular salivary gland with large cavitory intraparenchymal lesion
- Otitis media bilaterally
- Ankylosis and tooth root resorption upper & lower premolar teeth
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

The findings are compatible with a mass originating from the right mandibular salivary gland with potential intraparenchymal sialocele formation. The odds for neoplastic transformation are considered high, such as carcinoma, giant cell tumor, round cell tumor. Complete surgical excision of the mass appears feasible. Oncoytic hyperplasia be a differential, but I'm not aware of any reports in veterinary medicine. FNA sampling might be used as advanced diagnostic test.

MN

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There is no evidence of lymph node involvement or pulmonary metastatic disease.

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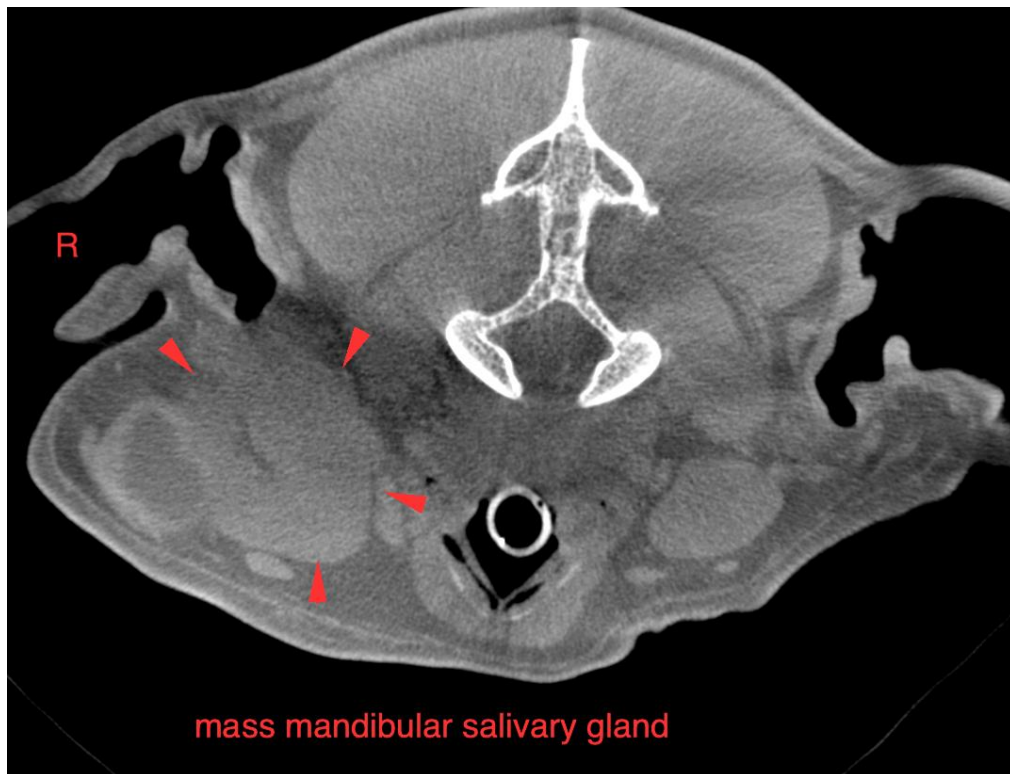
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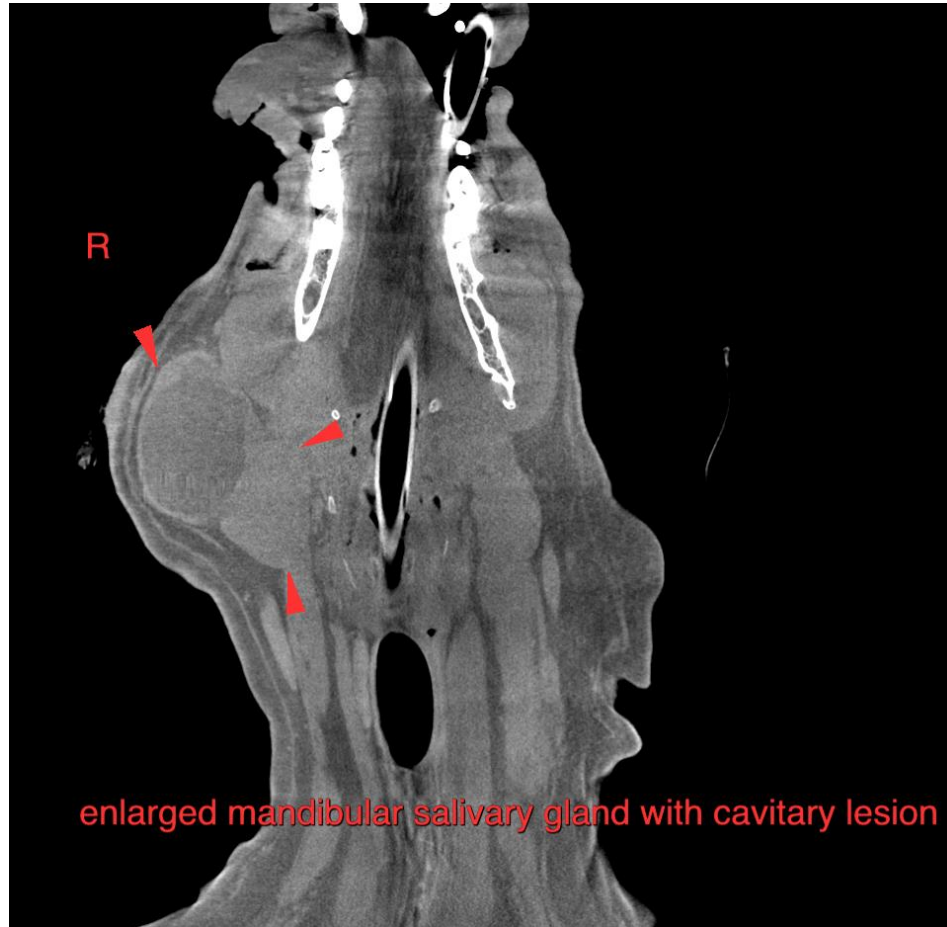
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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