



PATIENT

Kessel Venegas-Talsma

PRESENTING CLINICAL SIGNS

Mass base of left ear -- neoplasia on cytology
 Abnormal PE/Chem/CBC/UA Results: Palpable superficial mass: 4.5 x 3.2 x 2 cm hard non movable sq mass base of left ear

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE NECK & THORAX

A pre- and post-contrast CT study of the skull and thorax in a bone, lung and soft tissue reconstruction are provided for review.

BREED

Australian Shepherd

COMPUTED TOMOGRAPHIC FINDINGS

Skull/Neck

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

SEX

MN

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.

AGE

7 Years

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. Protruding from the pituitary fossa, a roundish, moderate contrast enhancing nodule measuring 8 x 8 x 9 mm in size. The ventricular system is non-dilated and symmetric.

INTERPRETED BY

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Animal Health Partners

Originating from the left parotid salivary an irregular marginated soft tissue attenuating mass, measuring 3.3 x 4.0 x 4.8 cm in size is visible. The left parotid mass presents mild irregular mineralization of the parenchyma. Post contrast administration the mass is mild heterogeneous contrast enhancing.

Thorax

REFERRING VET

Dr. Jerome Gagnon

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

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.

INVOICE

49394

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

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

DATE

1-7-22

The lung parenchyma presents the expected architecture and attenuation behavior.



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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass left parotid gland with central dystrophic mineralization
- Intracranial extraaxial mass originating from the pituitary fossa
- Structural normal thorax, no evidence of pulmonary metastatic disease

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Australian Shepherd

The mass at the left ear base is most consistent with neoplastic transformation of the left parotid salivary gland – such as adenocarcinoma, adenoma, melanoma, fibrosarcoma, other. In the medial aspect the mass is in close contact with the left external ear canal. Complete surgical excision of the mass appears feasible but may warrant total ear canal ablation.

SEX

MN

The small mass originating from the pituitary fossa is most consistent with pituitary macroadenoma. Testing the pituitary axis appears beneficial.

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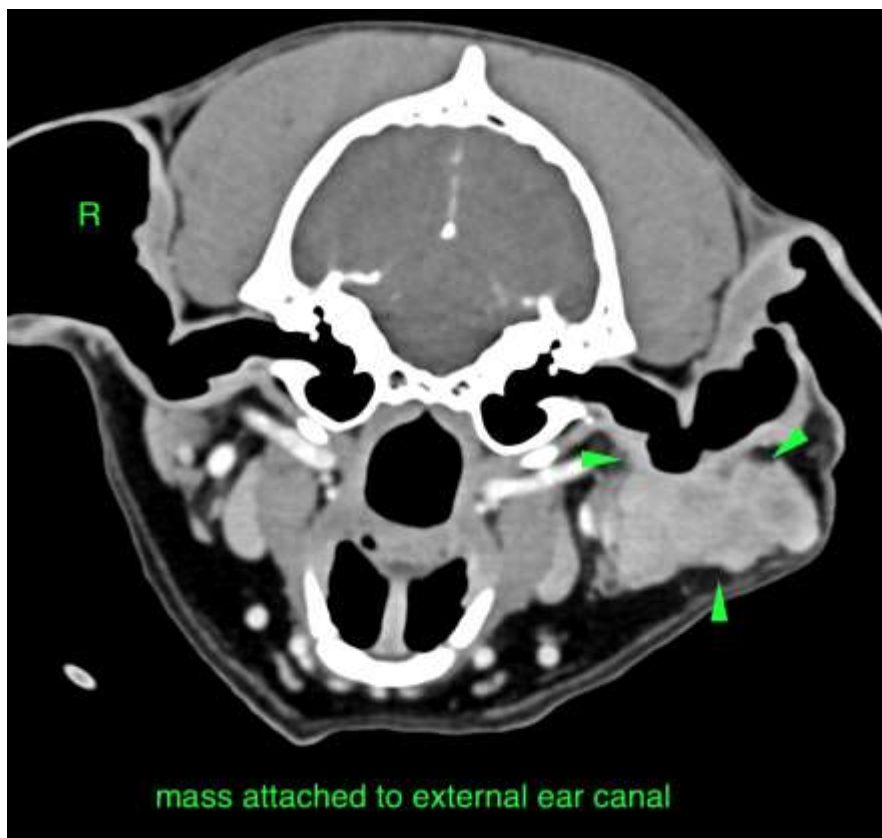
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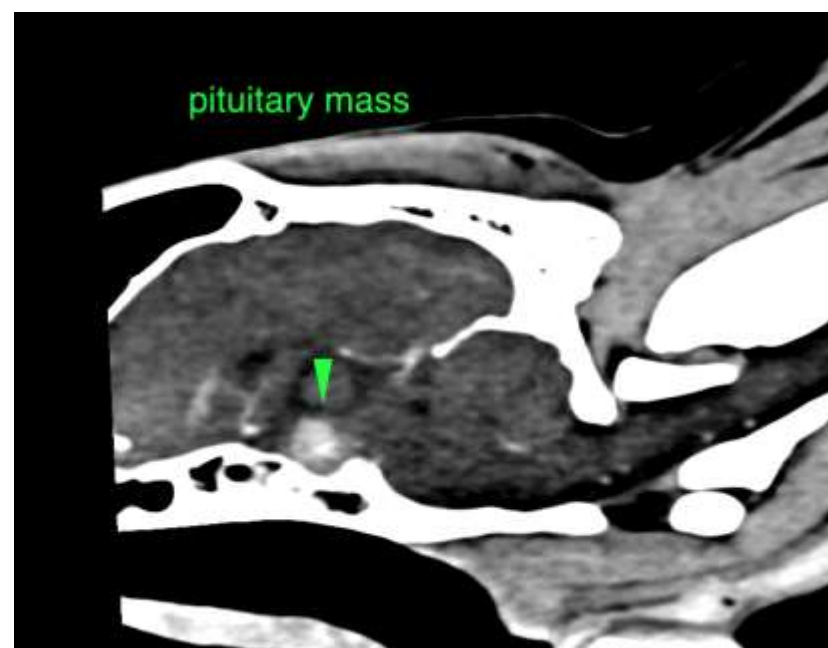
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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