



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Moja Tobias presented to her regular veterinarian in Nov 2022 for suspected ear infection along with weight loss, with clinical signs consisting of head shaking and itching. Has dealt with ear problems for a long time, but worsened in November. In house cytology revealed cocci and debris and Moja was treated for otitis externa. Seen two weeks later when a mass was noted in her right ear described as "1 cm firm growth attached to opening of canal, it's very erythemic and there is also otitis with discharge brown, and pruritus". Punch biopsy was performed in January with histopathology describing a poorly differentiated neoplasm with a solid basal cell carcinoma being the top differential.

**SPECIES**

Feline

**BREED**

DSH

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX**

Plain and post contrast studies in bone and lung windows available for review.

**SEX**

FS

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

The CT study reveals an irregular shaped and ill-defined soft tissue attenuating mass of approximately 3.5 cm length and 1.0 cm diameter at the base of the right pinna which appears to be broadly attached to the ventral internal surface of the pinna and extends into the vertical part of the right external auditory meatus. Moderate nonuniform contrast enhancement is seen on the post-contrast study. The horizontal part of the right external auditory meatus is mostly patent. A mild amount of hypodense material is seen at the entrance to the right tympanic bulla. Both tympanic bullae and the left external auditory meatus present within normal limits.

The right parotid lymph node is enlarged and rounded and measures 1.5 cm in diameter.

The dentition is incomplete. Horizontal atrophy of the alveolar crest is seen in all quadrants.

**AGE**

17 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Health Partners

**Thorax**

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 are uniform and considered within normal limits.

**REFERRING VET**

Lea Mehrkens

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

**INVOICE**

56896

A mild generalized bronchial lung pattern and occasional peribronchial interstitial infiltrates are seen accentuating the ventral aspect of the right cranial lung lobe.

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

**DATE**

2-22-23



**PATIENT**

Moja Tobias

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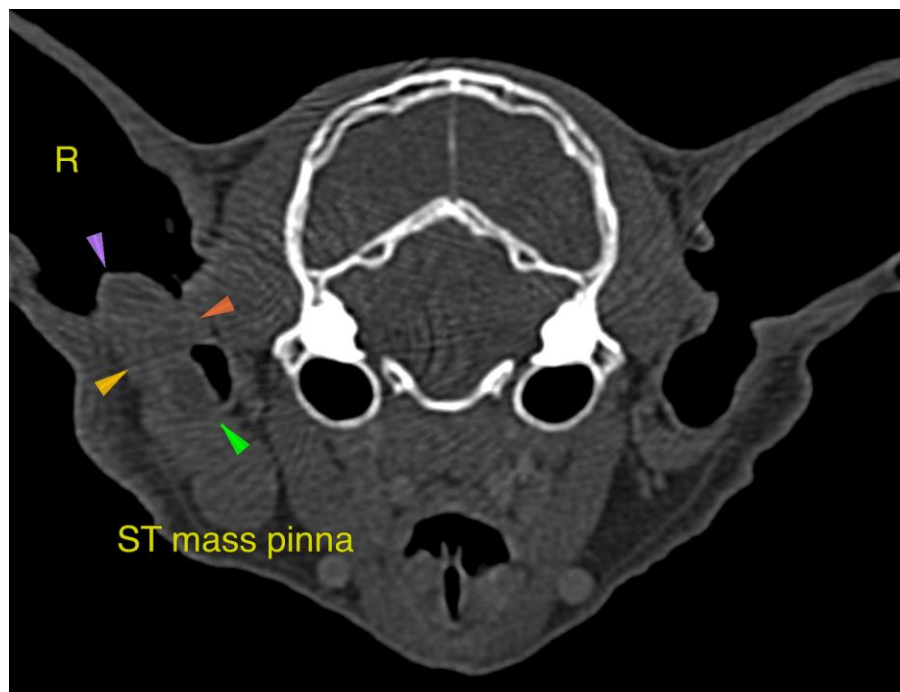
**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass of the right pinna.
- Moderate right parotid lymphadenomegaly.
- Mild right hand sided otitis externa.
- No evidence of metastases to the lung.
- Bronchopneumopathy: Differential diagnosis prior bronchopneumonia versus allergic or infectious bronchitis.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals a soft tissue mass of the right pinna. Differential diagnosis includes squamous cell carcinoma, fibroma, fibrosarcoma, and other neoplasia. The findings are not typical for a polyp or granuloma. Final diagnosis will require tissue sampling for histology. No middle ear involvement and no evidence of metastatic disease was found.

The right parotid lymph node enlargement is highly suggestive for metastatic disease. Reactive hyperplasia is unlikely. FNA recommended for further definition if not performed already.





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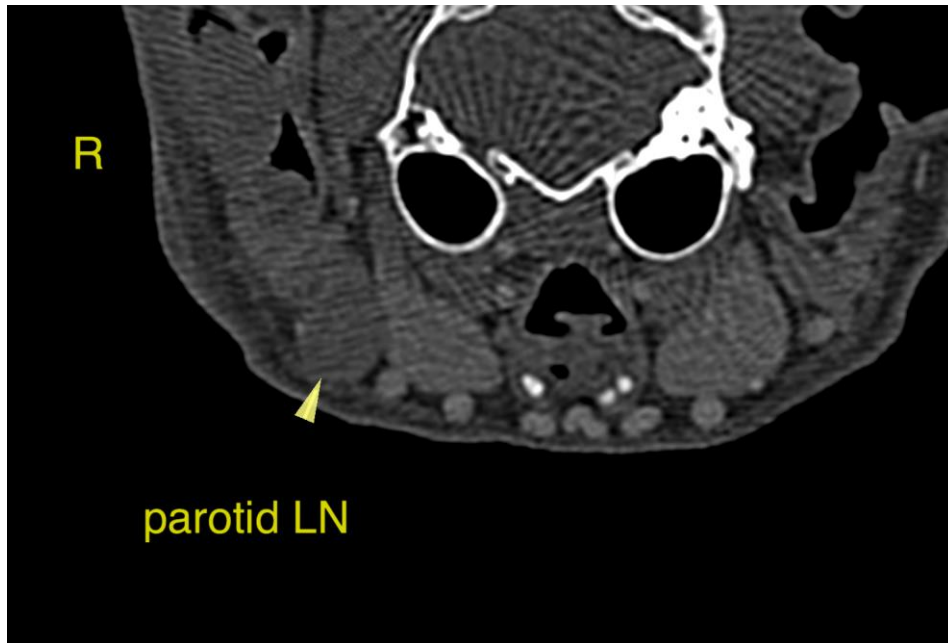
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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