



PATIENT

Yuno Hess

PRESENTING CLINICAL SIGNS

Presented for discharge from the right ear and a fleshy mass protruding from right side. Obtained biopsies after ct.
Abnormal PE/Chem/CBC/UA Results: Nort

SPECIES

Feline

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A high resolution pre- and post-contrast CT study of the abdomen and a post-contrast CT study of the thorax are provided for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Skull

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

SEX

FS

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

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Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The right external ear canal is obliterated by a mild heterogeneous soft tissue attenuating and irregular contrast enhancing expansile mass. The medial wall of the vertical segment of the right external ear canal is indistinct and merges with the mass.

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

Northeast Veterinary
Referral Hospital

The submandibular, medial retropharyngeal lymph nodes bilaterally and the right lateral retropharyngeal lymph node are prominent and have a mild heterogeneous contrast enhancement pattern.

Thorax

The right superficial cervical lymph node is prominent.

REFERRING VET

Dr. Runde

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

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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.

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The lung parenchyma presents the expected architecture and attenuation behavior; compression atelectasis of the caudodorsal dependent aspects of the lung parenchyma is noted.

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



PATIENT abnormal dilation.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Intraluminal soft tissue mass right external ear canal with possible perforation of the wall of the external ear canal
- Lymphadenopathy right lateral retropharyngeal & superficial cervical lymph node, mandibular and medial retropharyngeal lymph nodes bilaterally
- Structural normal thorax, no evidence of pulmonary metastatic disease

BREED

DSH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mass originating from the right external ear canal is concerning for primary neoplasia of the right external ear canal – such as ceruminous gland adenocarcinoma, squamous cell carcinoma. However, primary inflammatory polypoid lesion of the right external ear canal is a consideration. The indistinct wall with the mass potentially perforating the wall is increasing the odds for neoplastic transformation. The therapy of choice is right sided total ear canal ablation.

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The prominent regional lymph nodes are not specific and reactive hyperplasia or metastasis need to be differentiated by FNA sampling.

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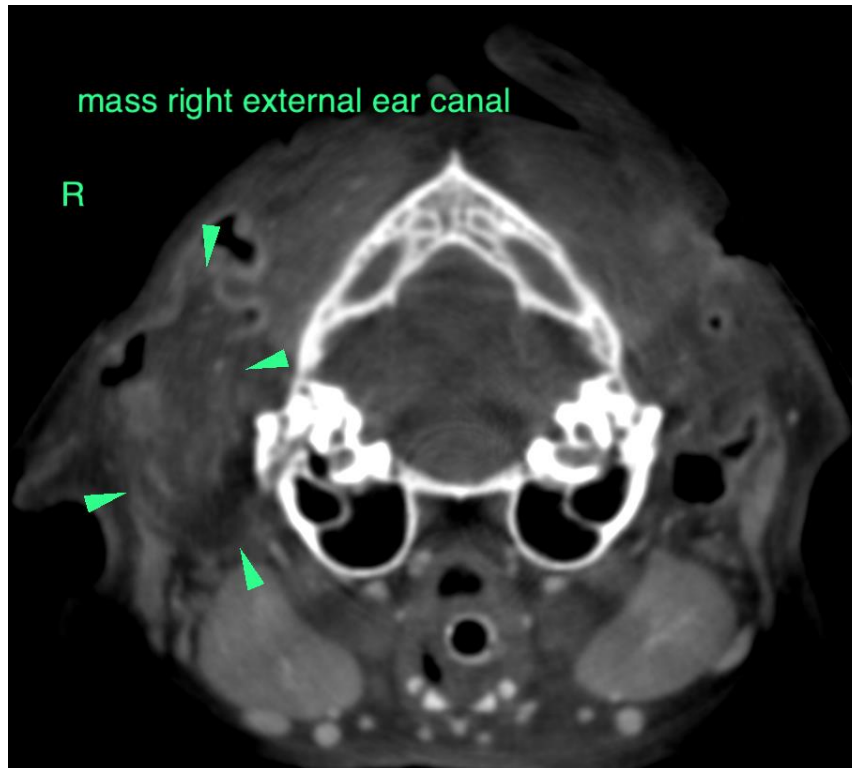
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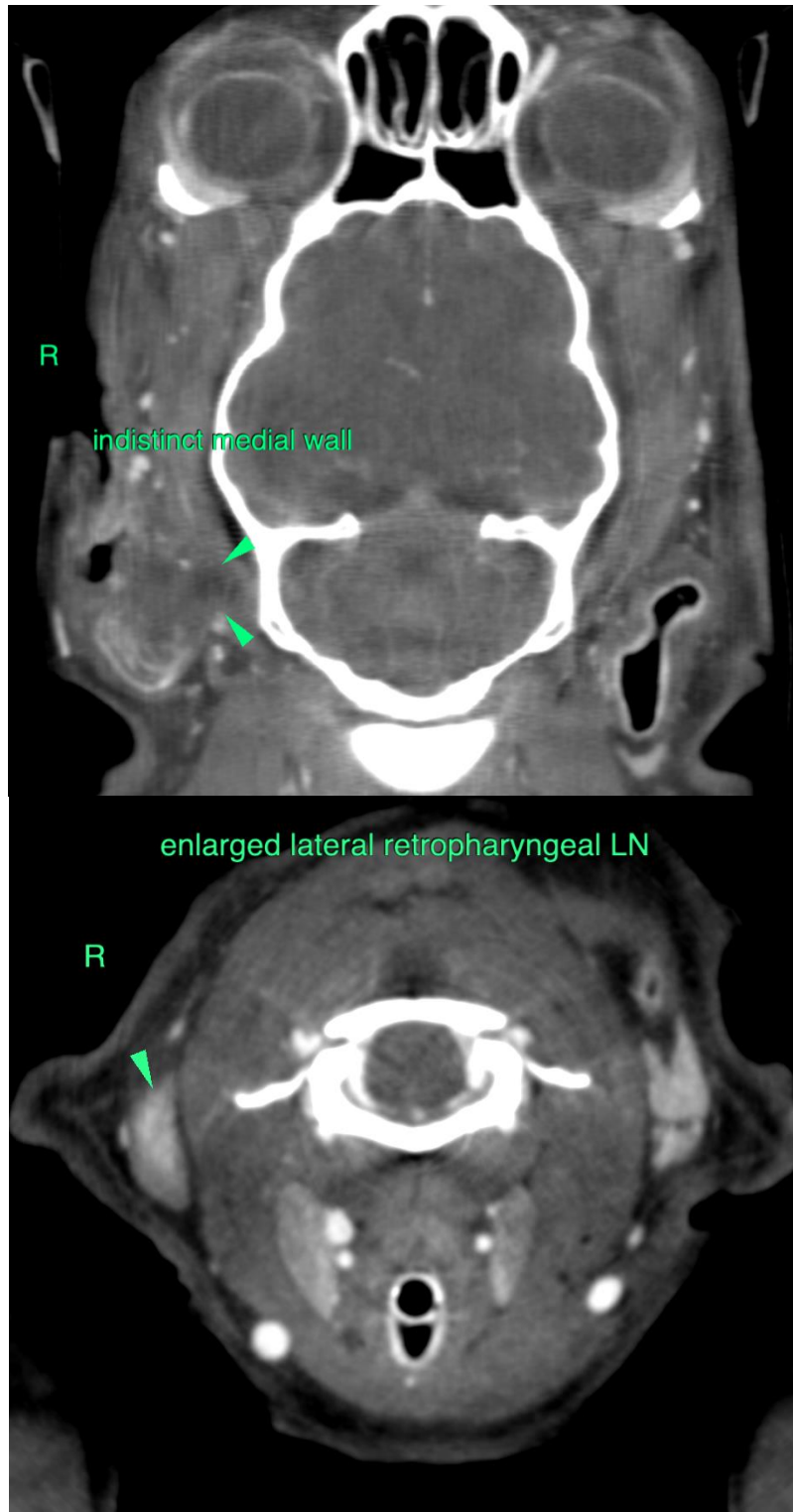
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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