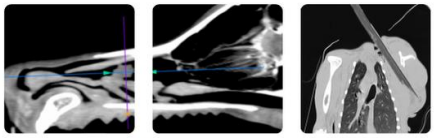

PATIENT

Luna-tic Rothman

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

10

WEIGHT

5

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

David

HOSPITAL NAME

Animal Surgical Center - Oceanside

REFERRING VET

Kam

INVOICE

74166

DATE

3-11-26

PRESENTING CLINICAL SIGNS

- AD: moderate discharge inside the horizontal canal, mass inside the horizontal ear canal
- AS: wnl

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

Skull

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

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.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The horizontal segment of the right external ear canal is partially obliterated by irregular marginated. soft tissue attenuating and moderate contrast enhancing material that is bulging into the lateral compartment of the right tympanic bulla. Within the soft tissues surrounding the horizontal segment of the right external ear canal, multiple gas inclusions are visible along with an irregular soft tissue swelling.

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.

The right medial retropharyngeal lymph node is mildly prominent.

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 is uniform and considered within normal limits.

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.

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Irregular marginated soft tissue mass horizontal segment right external ear canal
- Perforated right external ear canal with surrounding cellulitis and emphysema
- Mild lymphadenopathy right medial retropharyngeal lymph node
- No evidence of pulmonary metastatic spread

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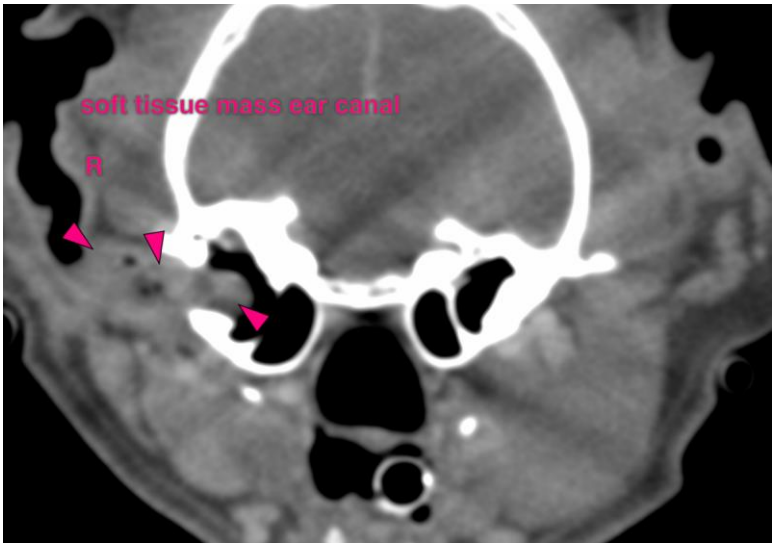
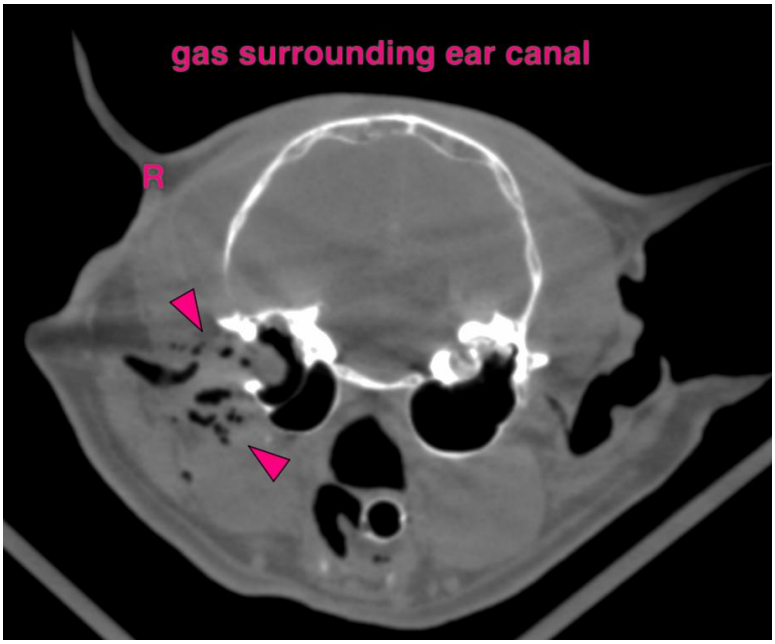
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The soft tissue mass in the right external ear canal can present benign inflammatory adenomatoid polyp formation or primary neoplastic transformation of the ear canal (e.g. ceruminous gland adenocarcinoma, squamous cell carcinoma). Due to the perforation of the right ear canal, surgical management via right sided total ear canal ablation appears beneficial.

FNA sampling of the right medial retropharyngeal lymph node can be performed to differentiate between reactive lymphoid hyperplasia versus metastatic spread.





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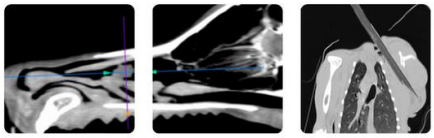

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com