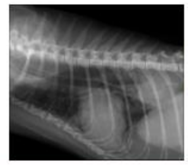
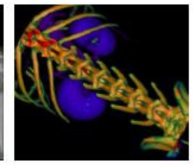
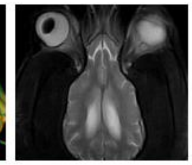

SonoPath.com™
1-800-838-4268 info@sonopath.com

PATIENT

Roscoe Opapha

SPECIES

Canine

BREED

Terrier X

SEX

Neutered Male

AGE

12 Years

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

HOSPITAL NAME

Bridgwater VH & WC

REFERRING VET

Dr. Pura

INVOICE

21436

DATE

3/2/23

PRESENTING CLINICAL SIGNS

History: Chronic ear infections. Rt ear issues began July 2022 as decreased hearing and bleeding episodes. Diagnosed with ceruminous adenocarcinoma of the right ear canal on Sept 8/2022. Biopsy/Debulking procedure performed at WCVM on Sept 28/2022. Initiated NSAID (meloxicam) therapy on Dec 13/2022. Referral from Tuxedo Animal Hospital for CT. Owner is interested in curative surgery.

Abnormal PE/Chem/CBC/UA Results: ALKP=332 U/L

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

Triadan 206, 210 are absent. Triadan 109, 110, 208 and 209 present a moderate widening of the periodontal space. The remaining teeth present evidence of mild to moderate periodontal disease. 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 vertical segment of the right external ear canal is obliterated by soft tissue attenuating and mild heterogeneous moderate contrast enhancing material – protruding beyond the level of the external opening of the right external ear canal. The wall of the vertical segment of the right external ear canal is indistinct and the soft tissue mass is extending into the periauricular soft tissues, resulting in a moderate circumferential soft tissue swelling. The horizontal segment of the right external ear canal is filled with fluid attenuating material. Moderate mineralization of the right external ear canal is seen. The left external ear canal is unremarkable.

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 mandibular lymph nodes are prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass vertical segment right external ear canal with perforation of the wall
- Dystrophic mineralization right external ear canal
- Advanced periodontal disease 109, 110, 208 and 209
- Generalized mild to moderate periodontal disease

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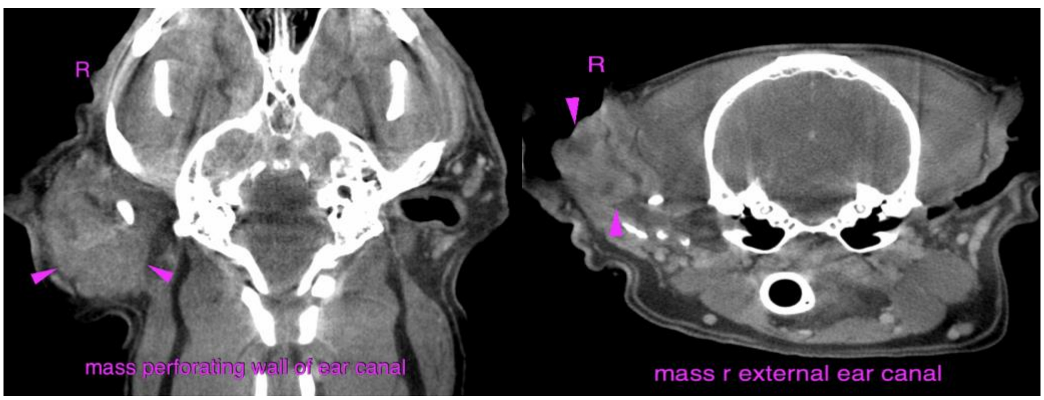
- Absent triadan 206 and 210

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The soft tissue mass originating from the right external ear canal is fitting the history of ceruminous gland adenocarcinoma, with evidence of perforation of the wall of the right external ear canal. The prominent right mandibular lymph nodes are equivocal for reactive hyperplasia or metastatic disease – FNA sampling is recommended for further workup.

Complete surgical excision of the mass of the right external ear canal by right sided total ear canal ablation is considered feasible.

Consider full tumor staging.



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
sebast.schaub@gmail.com