



PATIENT

Tweak Gloffke

PRESENTING CLINICAL SIGNS

Presented for suspected bilateral ear polyps with the right on oozing and foul smelling at this time
Abnormal PE/Chem/CBC/UA Results: Normal

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post-contrast studies of the head and post-contrast study of the thorax available for review.

BREED

DSH

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

MN

Expansion of the right ear canal with fluid and tissue is seen. Nonuniformly enhancing soft tissue is seen at the transition between the horizontal and vertical part of the right external auditory meatus measuring approximately 1.0 cm in diameter and 2.0 cm in length. The remainder of the right external auditory meatus is filled with fluid attenuating contrast negative material. Severe thickening of the epithelial lining and of the ear canal and pinna with increased contrast enhancement is seen. The right and left tympanic bulla present within normal limits. A mild amount of hypoattenuating material is present within the medial horizontal part of the left external auditory meatus. The ear canal wall presents moderate irregular thickening with increased contrast enhancement.

AGE

3

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The right medial retropharyngeal lymph node is severely enlarged with heterogeneous contrast enhancement a large central fluid attenuating cavity. The lymph node measures 2.7 x 2.5 x 2.3 cm. The right parotid and submandibular lymph nodes are moderately enlarged.

Thorax

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

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

Dr. Runde

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

A mild generalized bronchial lung pattern is noted. Mild multifocal peribronchial interstitial infiltrates are seen. Bronchial mucus plugging and regional bronchial microlithiasis are present in the left caudal lung lobe.

INVOICE

51114

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

3-24-22

- Right ear canal soft tissue mass and expansion with fluid of the right external auditory meatus.
- Bilateral signs of chronic otitis externa.
- Hypoattenuating material within the medial aspect of the left external auditory meatus.



PATIENT

Tweak Gloffke

- Severe right medial retropharyngeal lymphadenomegaly with cavitation.
- Moderate right parotid and submandibular lymphadenomegaly.
- Signs of chronic lower airway disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Feline

A contrast enhancing soft tissue mass appears to be present within the vertical part of the right external auditory meatus. The changes are not necessarily typical for a polypoid mass and other soft tissue neoplasia including ceruminous cell carcinoma, adenocarcinoma, squamous cell carcinoma, and round cell neoplasia cannot be ruled out entirely as a differential diagnosis. Consider sampling / excisional biopsy for further definition.

BREED

DSH

The cavitating lymphadenomegaly of the right retropharyngeal lymph node may represent abscessation of the lymph node as well as metastases with tumoral necrosis. Further definition by means of sampling is strongly recommended. The diagnostic yield with blind puncture may be low. Ultrasound guided aspiration or excisional biopsy of the lymph node could be considered.

SEX

MN

The moderate lymphadenomegaly of the right submandibular and parotid lymph nodes may represent reactive hyperplasia versus early metastatic disease. Consider fine needle aspiration for further definition.

AGE

3

The hypoattenuating material within the left external auditory meatus is likely to represent debris or cerumen. The changes are not typical for a polypoid mass; however, early epithelial hyperplasia cannot be ruled out.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

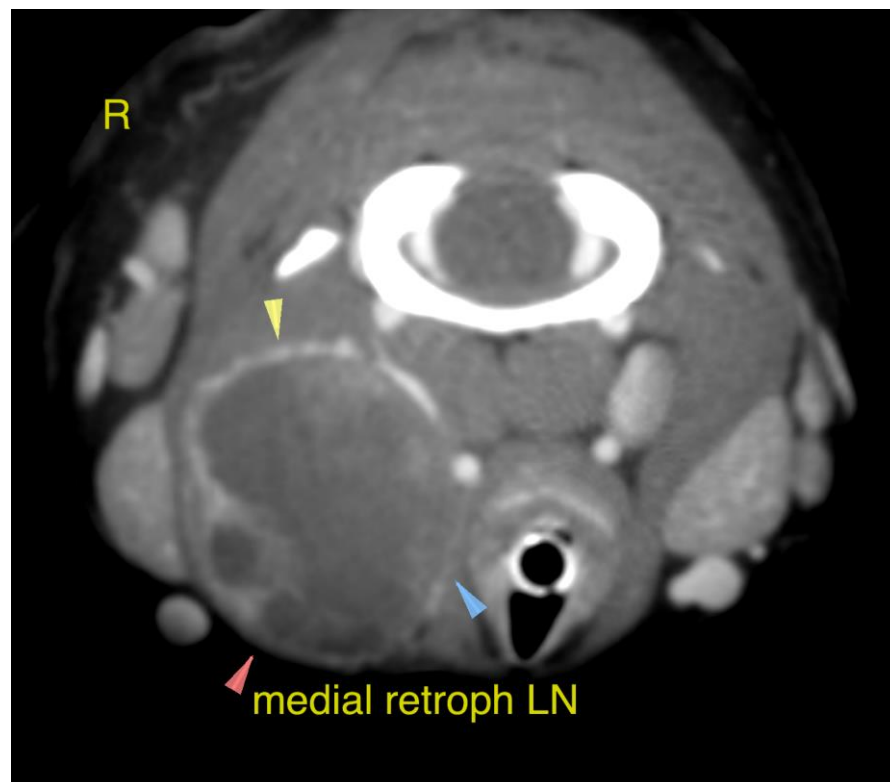
Dr. Runde

INVOICE

51114

DATE

3-24-22





PATIENT

Tweak Gloffke

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

3

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

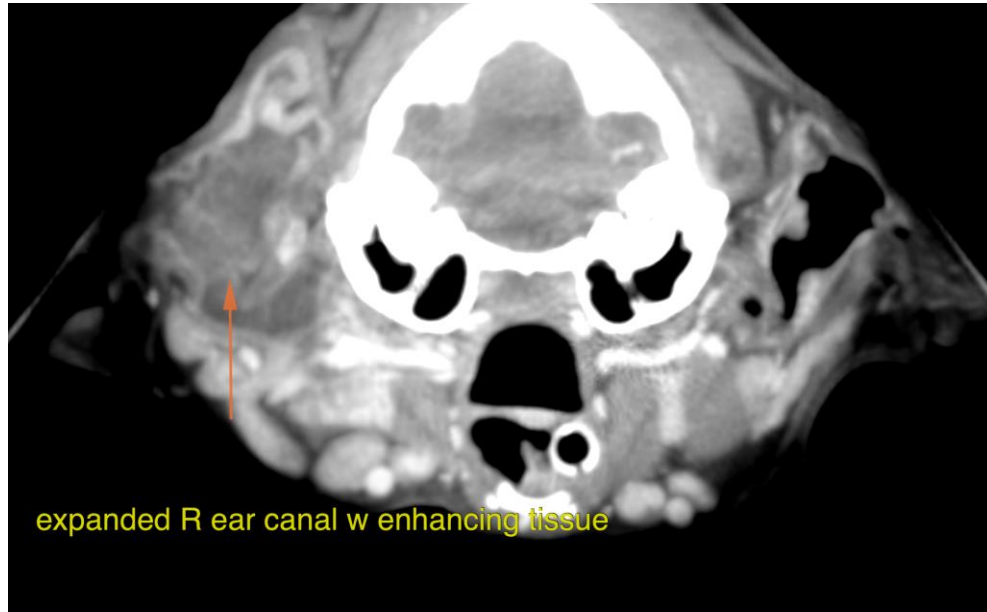
Dr. Runde

INVOICE

51114

DATE

3-24-22



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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com