



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Panther Bialek Rescued 10 months ago, intermittent ear infections since then. Ear infection has never resolved, now progressed to serious abscessation needing regular draining and causing significant discomfort. Would like to know if possible surgical candidate.

SPECIES Abnormal PE/Chem/CBC/UA Results: Increased WBC $27.5 \times 10^9/L$, PCT 1.03%, globs 59 g/L, Na 167 mmol/L

Feline

COMPUTED TOMOGRAPHY OF THE SKULL

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

BREED

COMPUTED TOMOGRAPHIC FINDINGS

DSH

The periodontal space of the distal root of triadan 207 is moderately widened and advanced resorption of the respective root is noted.

SEX

In the left nasal cavity, advanced destruction of the nasal conchal & turbinate structures is seen. The osseous lining of the left nasal cavity presents multicameral osseous new bone formation and hyperostosis – including the left frontal sinus. In the right nasal cavity, mild destruction of the nasal conchal structures is appreciated.

MN

AGE

8.5 Years

Centered on the region of the right external ear canal and along the subcutaneous tissues along the right aspects of the neurocranium, a large, ill-defined, soft tissue attenuating and heterogeneous contrast enhancing mass is noted. The mass is extending caudally up to the level of C1 and rostrally up to the level of the zygomatic process of the right frontal bone. In the medial aspect, the mass is extending along the rostral aspect of the right tympanic bulla. The mass is measuring approximately 5.5 x 6.2 x 7.0 cm in size. The mass is extending into the right tympanic bulla. The right aspect of the occipital bone presents small moth eaten osteolytic lesions of the outer cortex and moderate sclerosis.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The base of the left pinna is moderately thickened and presents moderate mineralization.

HOSPITAL NAME

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Bridgwater
Veterinary Hospital
and Wellness Centre

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.

REFERRING VET

Dr. R. Perrault

The right medial retropharyngeal lymph node is markedly enlarged and rounded and presents a heterogeneous contrast enhancement pattern. The right deep cervical lymph node is moderately enlarged and rounded.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

52167

DATE

5-30-22

- Large soft tissue mass in the region of the right external ear canal/subcutaneous tissue right aspect of the neurocranium
- Monostotic semiaggressive osteolytic lesions occipital bone
- Lymphadenopathy right medial retropharyngeal and deep cervical lymph node
- Chronic destructive rhinitis – L>>>R – with hyperostosis and chronic osseous remodeling of the osseous lining of the left nasal cavity
- Suspect chronic othematoma left pinna with dystrophic mineralization
- Periodontal disease 207



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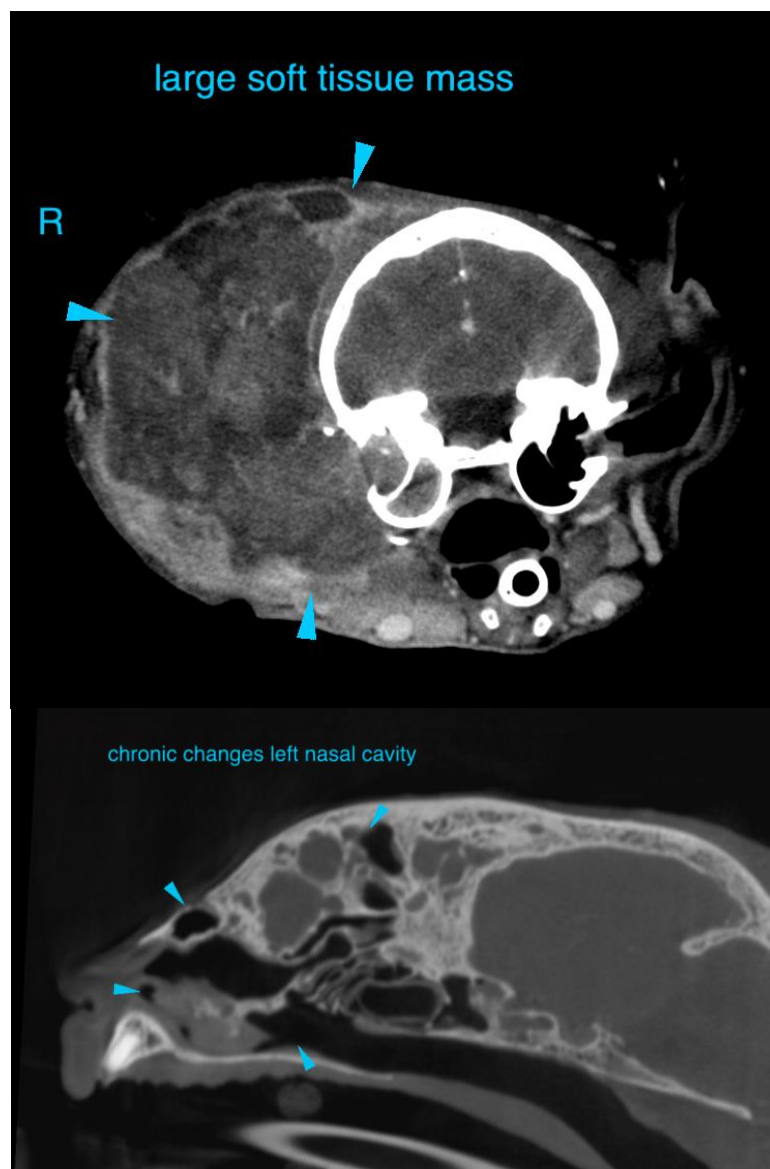
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The large mass at the right aspect of the skull is concerning for primary neoplastic transformation of the right external ear canal – such as ceruminous gland adenocarcinoma or squamous cell carcinoma. Recommend biopsy for further definition. Due to the extent of the mass and osseous involvement, complete surgical excision of the mass is considered as not feasible.

The enlarged tributary lymph nodes are compatible with secondary metastatic spread.

The changes of the nasal cavity are consistent with chronic destructive rhinitis with secondary osseous remodeling; primary viral rhinitis ± bacterial or mycotic superinfection is most common.





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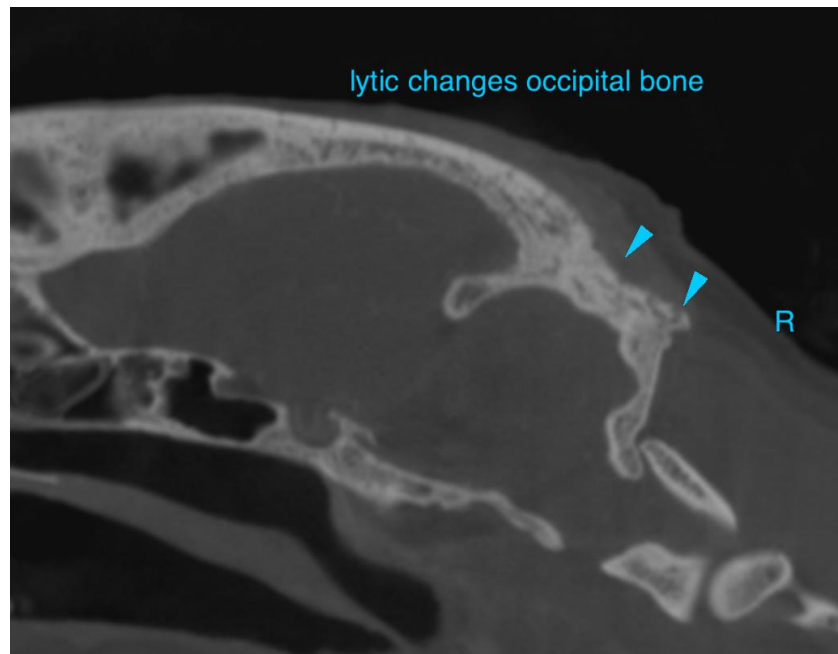
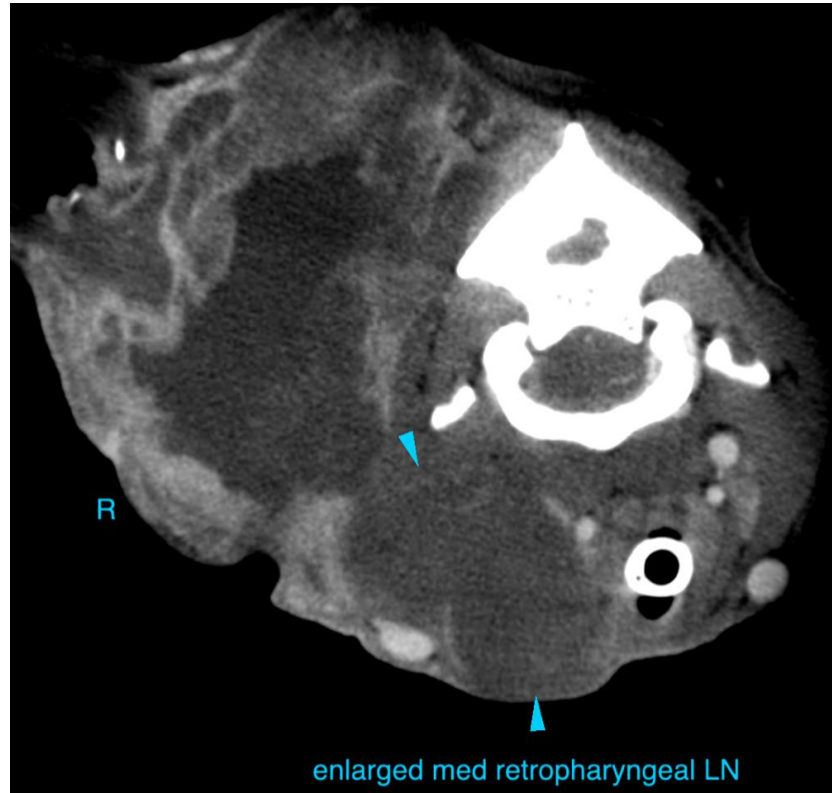
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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.

BREED

DSH

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