



**PATIENT**

Luna Beuchaw

**PRESENTING CLINICAL SIGNS**

Jan. 28th 2022 Luna presents today for not eating much, and facial swelling. Owner states that the left side of her face is swollen and her eye is watering. Lethargic Eating halfway normal. Normally she eats like a horse. but stopped. Urinating and defecating normally. Started a couple days ago, and didn't improve. Methimazole 1/2 of a 5 mg po bid (for 16 years); Phenobarbital 1/2 of a 16.5 mg tab po bid, Renal K (has not had today), phos-bind supplements; gives 150-200 ml sqfl twice weekly; miralax 1/8 tsp daily. Dr. Young repeats BW every 4-6 weeks; O says chronic azotemia but TT4 always wnl. Only feeds wet food Merrick or Weruva. Occasionally gets a Weruva stew cat food.

**SPECIES**

Feline

**BREED**

Domestic Shorthair

Abnormal PE/Chem/CBC/UA Results: Elevated BUN, CREA. GLOB borderline high. Low Potassium 19.3% HCT Low HGB, RBC, EOS

**COMPUTED TOMOGRAPHY OF THE SKULL**

**SEX**

Spayed Female

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

**COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 307&407 are absent.

**AGE**

18 Years, 9 Months

A moderate soft tissue swelling is seen along the region of the left zygomatic arch, post contrast administration a hypoattenuating and peripheral mild contrast enhancing lesion can be appreciated along the rostral third of the left zygomatic arch – up to the level of the zygomatic process of the left frontal bone. In the rostral part, the left zygomatic arch presents evidence of moth eaten osteolytic lesions.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

**HOSPITAL NAME**

Neel Veterinary  
Hospital

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 external ear canals are within normal limits.

**REFERRING VET**

Dr. Ellen Domnick

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 left mandibular lymph nodes are prominent.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Monostotic semi-aggressive mild osteolytic lesion rostral segment left zygomatic arch with attached soft tissue mass and moderate swelling along the left side of the viscerocranium
- Mild lymphadenopathy left mandibular lymph nodes
- Absent triadan 307&407

**DATE**

1-31-22



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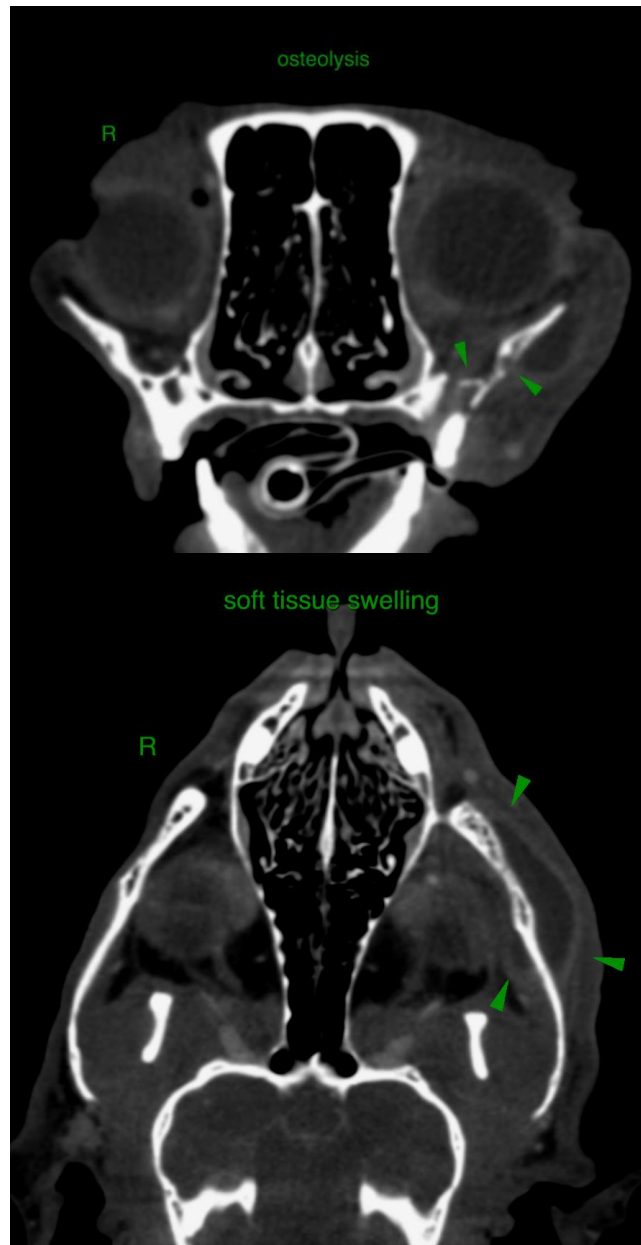
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The soft tissue swelling along the left zygomatic arch with signs of aggressive biological behavior is concerning for neoplastic disease – such as squamous cell carcinoma, fibrosarcoma, myxosarcoma, other. Regarding the contrast enhancement pattern, abscess formation is a consideration as well, but the odds are considered low. If not done so yet, recommend FNA sampling of the soft tissue mass along the left zygomatic arch.

Consider FNA sampling of the tributary lymph nodes as well to rule in/out metastatic spread.





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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.

**BREED**

Domestic Shorthair

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

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