



**PATIENT PRESENTING CLINICAL SIGNS**

**Gunner Andrews** 4 yo dog with lethargy, inappetence, reluctance to walk and fever - began 3 days ago. Liver values and WBC high with primary vet. Treated with antibiotics. Since then liver values normalized. Now has chemosis OU, inability to retropulse eyes OU at all, periorcular swelling, cervical swelling / mass effect. Some concern regarding tonsil based on CT but no overt tonsillar masses seen on oral exam.

**SPECIES**

**Canine** Abnormal PE/Chem/CBC/UA Results: Physical Exam: Chemosis OU, inability to retropulse eyes OU, periorcular swelling, cervical swelling / mass effect), patient demeanor - dull/depressed/lethargic Diagnostics: -CBC Select (Idexx) - hct 32 L, retic 4.8 L, neut 29 H, band 1.7 H, plt 113 L -Chem (Idexx) - gluc 3.4 L, creat 29 L. Urea 2.4 L, alb 21 L, ALP 184 H. CK 431 H, rest WNL -UA - cloudy, SG 1.009, pH 8.0, 3+ bld, rest neg/normal -Lepto Witness - Neg -IOP OD 15, 25, 20 -IOP OS 38, 28, 38 -Cervical swelling FNA: Limited sample. -Left mandibular LN FNA: Reactive lymph node

**BREED**

**Shih Poo**

**SEX**

**MN**

**COMPUTED TOMOGRAPHY OF THE SKULL & NECK**

A pre- and post-contrast CT study of the skull and neck in a bone and soft tissue reconstruction is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**AGE**

**4 Years**

The tooth elements 105, 206, 305, 306, 311, 406 and 411 are absent.

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

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The retrobulbar space bilaterally presents no abnormalities.

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

**HOSPITAL NAME**

Animal Health Partners

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.

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. Ashley Gold

The mandibular lymph nodes bilaterally and the left medial retropharyngeal lymph node are prominent and mildly rounded. The right medial retropharyngeal lymph node is enlarged, rounded and has a homogeneous contrast enhancement pattern. The fat in the right retropharyngeal region presents mild soft tissue striation.

**INVOICE**

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The thyroid glands bilaterally are within normal limits for size, shape and architecture.

The remainder of the osseous and soft tissue structures of the neck are within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

1-26-23

- Lymphadenopathy mandibular and medial retropharyngeal lymph nodes bilaterally, most accentuated right medial retropharyngeal lymph node, R>L
- Mild cellulitis right retropharyngeal region
- Multiple absent teeth



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Gunner Andrews

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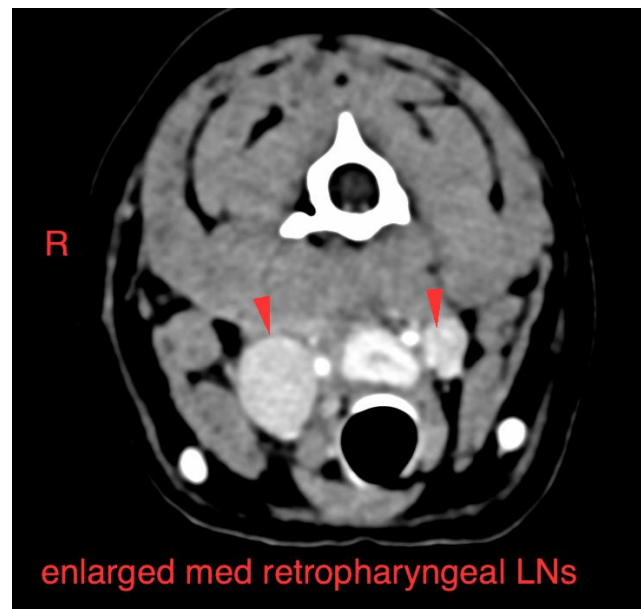
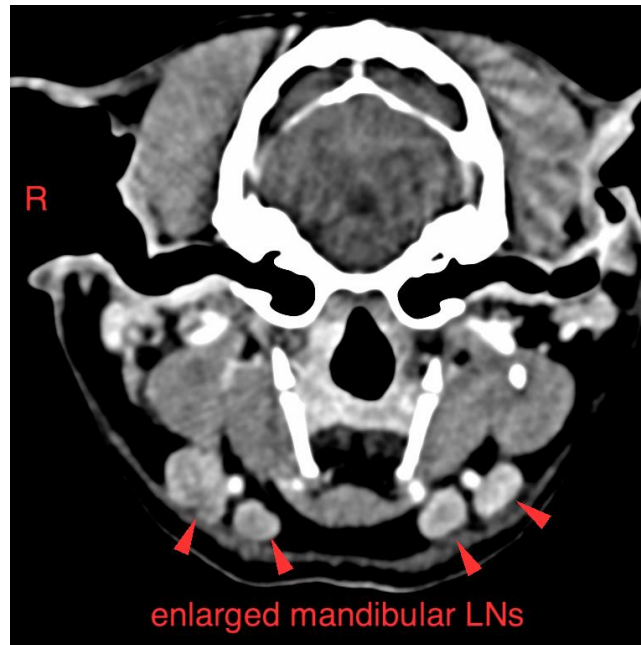
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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

An underlying cause for the enlarged lymph nodes of the skull is not appreciated and potentials include reactive hyperplasia/lymphadenitis (e.g. sterile steroid responsive lymphadenitis) or neoplastic infiltration. Further definition warrants FNA sampling ± lymph node biopsy including sampling for microbial culture.





**PATIENT**

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**SPECIES**

Canine

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**

Shih Poo

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  
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**SEX**

MN

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