



**PATIENT PRESENTING CLINICAL SIGNS**

Angeline Levinson History: 4x6x7 cm firm mass effect non movable arising from the right facial region. The tumor was non painful and not inflamed.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: adnormal wbc, lym, mono, total protein, globulin, cholesterol

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX**

A high resolution plain CT study of the skull and thorax are provided for review.

**BREED** **COMPUTED TOMOGRAPHIC FINDINGS**

Doberman

**Skull**

**SEX** Triadan 110 presents a moderate widening of the periodontal space of the palatine root. Two supernumerary dental elements 111 are seen.

Female

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

**AGE**

8 Years

Along the right aspect of the skull – starting rostral to the right external ear canal up to the level of the ramus of the right mandible – a diffuse moderate subcutaneous swelling & fat-stranding is appreciated.

**INTERPRETED BY**

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

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. In the medial aspect of the right external ear canal, a small amount of soft tissue attenuating material is appreciated.

**HOSPITAL NAME**

Animal Surgical  
Center

The mandibular lymph nodes bilaterally and the right medial retropharyngeal lymph node are prominent.

**Thorax**

**REFERRING VET**

The caudal third of the thorax is cropped by the field of view.

Dr. Infernuso

The bony and surrounding soft tissue structures are within normal limits.

**INVOICE**

16744

The sternal and cranial mediastinal lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform and considered within normal limits.

**DATE**

7/21/22



**PATIENT**

Angeline Levinson

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

**SPECIES**

Canine

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

**BREED**

Doberman

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Diffuse soft tissue swelling right aspect of the skull – rostral to right external ear canal – and surrounding steatitis
- Lymphadenopathy mandibular lymph nodes bilaterally & right medial retropharyngeal lymph node
- Suspect small amount of cerumen in right external ear canal
- Normal thorax

**SEX**

Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The diffuse swelling at the right aspect of the skull in combination with the steatitis is suggestive for being inflammatory in origin (e.g. abscess formation), which would also explain the appreciated leukocytosis. However a differential is neoplasia with secondary edema or hemorrhage (e.g. mast cell tumor). Unfortunately, further differentiation is not possible in plain CT only. An ultrasound examination of the respective region would be ideal to screen for potential fluid pockes ± foreign material supporting the diagnosis of abscessation.

**AGE**

8 Years

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

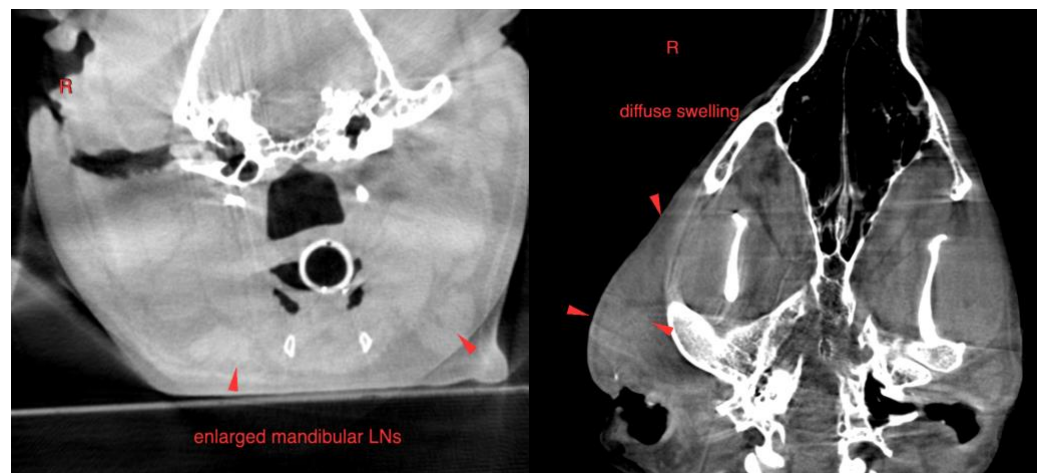
The enlarged tributary lymph nodes can be a sequela to reactive hyperplasia – recommend FNA sampling to confirm the diagnosis and ruling out malignant infiltration (e.g. in case of mast cell tumor).

**HOSPITAL NAME**

Animal Surgical  
Center

**REFERRING VET**

Dr. Infernuso



**INVOICE**

16744

**DATE**

7/21/22



**PATIENT** 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.

Angeline Levinson

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.

**SPECIES**

Canine

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

**BREED**

Doberman

**SEX**

Female

**AGE**

8 Years

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Animal Surgical  
Center

**REFERRING VET**

Dr. Infernuso

**INVOICE**

16744

**DATE**

7/21/22