



**PATIENT PRESENTING CLINICAL SIGNS**

Ness Smith Focal firm, "boney" like growth ~1.5" in diameter in LSM LN region, no overt pain with handling. Opens jaw without issue. Noted on first visit at our clinic 8/26/2020 3/10/20: Left submandibular mass hard moderately painful 5x5cm. Recent wt loss

**SPECIES** Abnormal PE/Chem/CBC/UA Results: Chem: NSF CBC: hemoconcentration

Canine **COMPUTED TOMOGRAPHY OF THE SKULL&THORAX**

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

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

GSD Skull

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

Female Spayed 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.

**AGE** In the left retropharyngeal region, an ill-defined soft tissue swelling/mass with a focal semicircular peripheral heterogeneous mineralization is visible. The retropharyngeal mass/swelling is measuring approximately 6.5 x 4.8 x 7.2 cm in size. The pharynx is distorted by the mass effect and the larynx is displaced to the right.

**INTERPRETED BY** Sebastian Schaub, DVM Dr. med. vet. DipECVDI The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**HOSPITAL NAME** Thorax

State Avenue Vet Clinic The most dorsal aspects of the thorax are cropped by the field of view.

The sternal, cranial mediastinal and tracheobronchial 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.

**REFERRING VET** Dr. Shelley Lenz 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.

**INVOICE** 50995 The lung parenchyma presents the expected architecture and attenuation behavior with sporadic interspersed punctuate mineralization.

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

3-17-22



**PATIENT**

Ness Smith

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Left sided retropharyngeal soft tissue mass with dystrophic mineralization
- Pulmonary osteomas
- No evidence of pulmonary metastatic disease

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Potentials for the left sided retropharyngeal mass include granuloma or low grade neoplasia with dystrophic mineralization. Unfortunately, further definition or determining potential organ of origin (e.g. salivary gland, lymph nodes) is not possible in the plain CT study. Recommend FNA sampling for further definition. Complete surgical excision of the mass appears feasible – I do not see connection with the left external ear canal.

**BREED**

GSD

**SEX**

Female Spayed

**AGE**

9 Years, 4 Months

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

State Avenue Vet  
Clinic

**REFERRING VET**

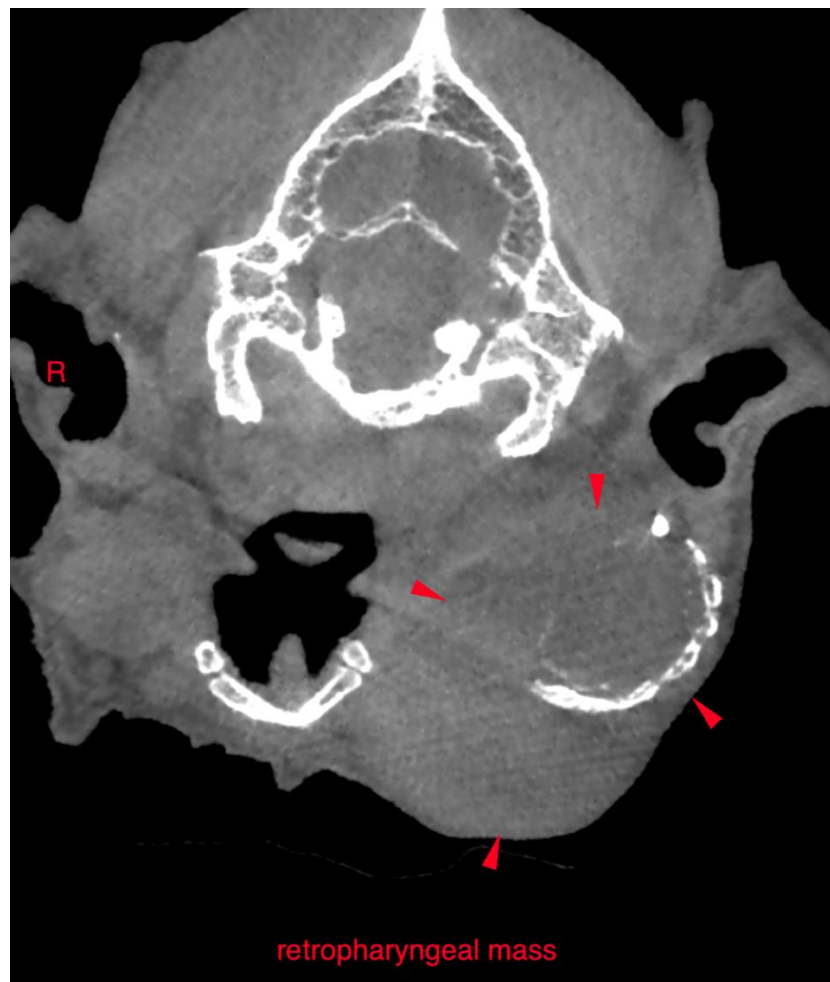
Dr. Shelley Lenz

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**SPECIES**

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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**

Canine

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**

GSD

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
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**SEX**

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