



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT**  
Oliver Cotterell  
gingival mass of the right maxilla. Oliver initially that has been first noticed 2 months ago. Oliver was seen by Dufferin Veterinary Hospital and a biopsy of the mass was performed revealing fibroblastic osteosarcoma. Hypothyroid

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

**SPECIES**  
Canine  
A pre- and post-contrast CT study of the skull and thorax in a bone, lung and soft tissue reconstruction are provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**  
Boston Terrier  
Skull

Triadan 301, 305, 311, 405 and 411 are absent. Triadan 102, 105, 109, 205 and 209 present a moderate widening of the periodontal space. At the buccal aspect of the triadan 101 – 103 a mild expansile predominant osteolytic roundish lesion is appreciated, measuring approximately 8 mm in size. The

**SEX**  
MN  
The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The soft palate is moderately elongated and extending up to the level of the arytenoid cartilages of the larynx.

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

**INTERPRETED BY**  
Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI  
Both tympanic bullae are filled with non-contrast enhancing soft tissue material; the osseous lining is smooth. 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.

**HOSPITAL NAME**  
Animal Health Partners  
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.

In complete ossification of the right ventral aspect of the arch of C1 is seen.

**REFERRING VET**  
Thorax

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

**INVOICE**  
53585  
The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

**DATE**  
8-18-22  
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.  
Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of



**PATIENT** abnormal dilation.

Oliver Cotterell

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- History of fibroplastic osteosarcoma rostral aspect right maxillary incisors
- Elongated soft palate
- Bilateral otitis media – likely primary secretory
- Periodontal disease 102, 105, 109, 205 and 209
- Multiple absent teeth
- Incomplete ossification ventral arch of atlas, incidental
- Structural normal thorax, no evidence of pulmonary metastatic disease

**SPECIES**

Canine

**BREED**

Boston Terrier

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The small mass rostral to the right upper incisor teeth is fitting the history of fibroplastic osteosarcoma. Complete surgical excision of the mass by rostral hemimaxillectomy is considered feasible – osteotomy might be mesial or distal to triadan 104.

**SEX**

MN

**AGE**

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Dr. Jeffery Biskup

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**PATIENT**

Oliver Cotterell

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.

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

**BREED**

Boston Terrier

**SEX**

MN

**AGE**

9 Years

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