



**PATIENT PRESENTING CLINICAL SIGNS**

**Astro Fletcher** Presented about 3 months ago with swelling on Left mandible. Cyst-like structure encountered during biopsy, with yellow fluid, and blood. This deflated at the moment of biopsy sampling. What appeared to be a cyst capsule was surgically removed.

**SPECIES COMPUTED TOMOGRAPHY OF THE SKULL**

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

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED** A supernumerary triadan 105 is appreciated. Triadan 311 and 411 are absent. Triadan 305 is retained within the alveolar bone and at the same level and expansile, geographic osteolytic bone lesion is appreciated, measuring 2.3 x 2.6 x 3.3 cm in size – perforating the lateral cortex of the mandible at the same level and causing pressure erosion of the medial cortex of the mandible at the same level. The tooth roots of triadan 304, 306 and 307 are in contact with the expansile bone lesion. Triadan 307 is deviated distally and mildly rotated. The expansile bone lesion presents a fluid attenuating centered, demarcated by a thin contrast enhancing capsule.

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

**AGE** 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 present mild mineralization, and the wall is mildly thickened bilaterally.

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 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.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Impacted triadan 305
- Monostotic benign expansile osteolytic lesion rostral segment body of left mandible, level with triadan 305
- Absent triadan 311 and 411
- Supernumerary triadan 105
- Suspect bilateral otitis media with mild dystrophic mineralization of the external ear canals

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The cavitory bone lesion of the rostral segment of the mandible is highly suggestive for retention cyst due to non-erupted triadan 305. Removal of the retained dental element 305 and curettage of the capsule is the therapy of choice and the roots of triadan 304 and 306 are in contact with the cavitory mass extraction of the respective teeth might be indicated – discuss with dentist. Theoretically squamous cell carcinoma might present with an expansile cystic bone lesion as well, but I consider the odds low – biopsy has already been performed.

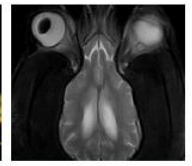
**INTERPRETED BY**  
Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**  
Mobile Pet Imaging

**REFERRING VET**  
Meaux

**INVOICE**  
55075

**DATE**  
11-9-22



**PATIENT**

Astro Fletcher

**SPECIES**

Canine

**BREED**

Boxer

**SEX**

Neutered Male

**AGE**

4 Years, 1 Month

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

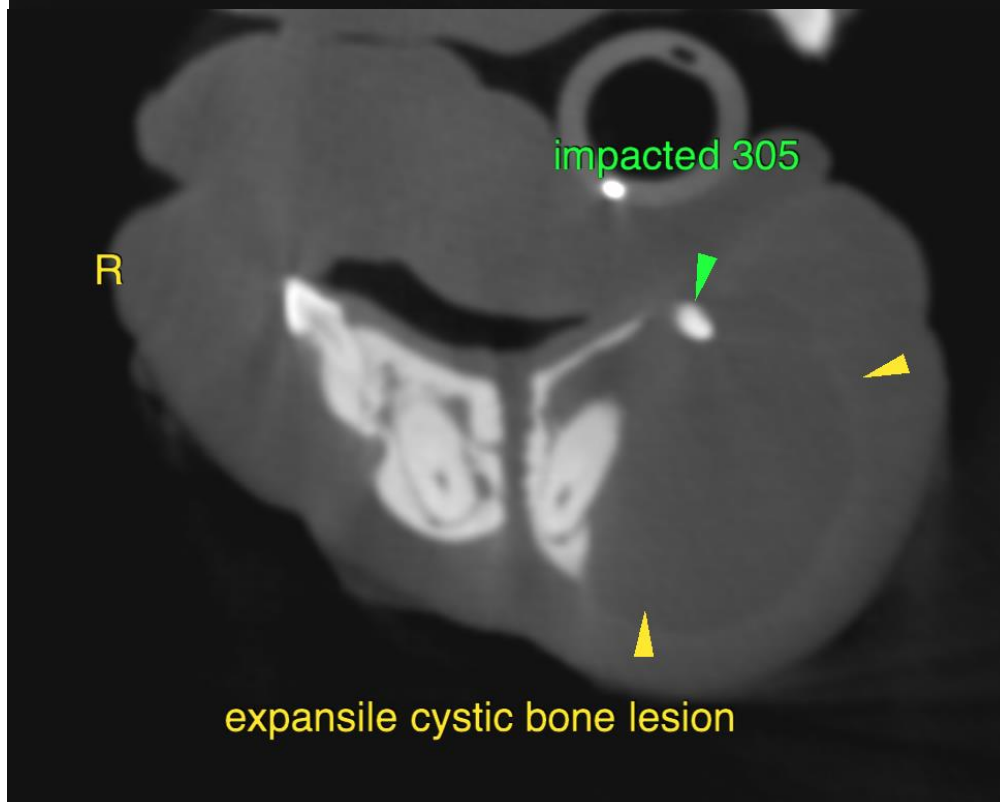
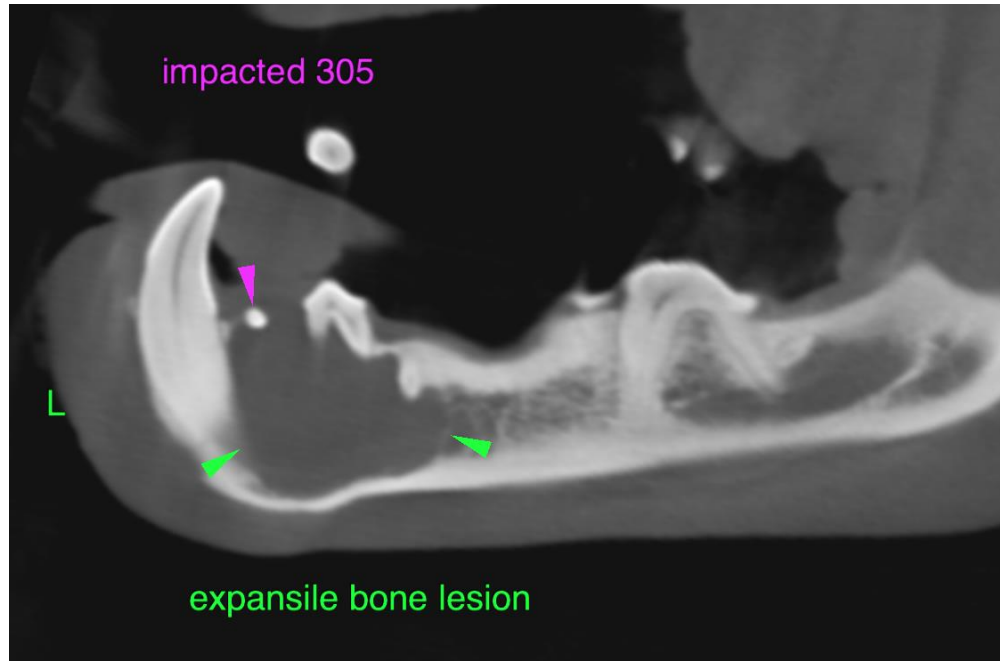
Meaux

**INVOICE**

55075

**DATE**

11-9-22





**PATIENT**

Astro Fletcher

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**

Boxer

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

**SEX**

Neutered Male

**AGE**

4 Years, 1 Month

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

Meaux

**INVOICE**

55075

**DATE**

11-9-22