



**PATIENT PRESENTING CLINICAL SIGNS**

**Mawdi Hodge** History: Mawdi presented for chronic left nasal discharge that has not responded to antibiotics. On CT and oral exam an abscess was seen at the tooth root of the left upper corner incisor (203). The abscess was penetrating the nasal cavity. The lower incisors were very worn due to underbite, and the right central incisor tooth root was exposed. Both teeth were extracted.

**SPECIES**

Canine

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

A high resolution pre- and post-contrast CT study of the skull and thorax are provided for review.

**BREED**

Mixed Medium Breed

**COMPUTED TOMOGRAPHIC FINDINGS**

**Skull**

**SEX**

Neutered Male

Triadan 301, 302 and 402 are absent. The mandibular incisors are oriented nearly horizontally and present generalized widened periodontal space. Triadan 203 presents a significant widening of the periodontal space and is perforating the left nasal cavity; an intranasal soft tissue swelling is seen level with the root of triadan 203. Mild destruction of the left nasal conchal structures is appreciated. Triadan 402 presents complete loss of the alveolar crest and is located within the soft tissues.

**AGE**

2 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 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.

**HOSPITAL NAME**

Critical Vet  
Care/Suncoast Vet

The mandibular lymph nodes are prominent.

**Thorax**

The spinous processes of T1 to T6 are incompletely fused in the midline.

**REFERRING VET**

Dr. Young

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.

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

**DATE**

1/6/23



**PATIENT**

Mawdi Hodge

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**

Mixed Medium Breed

- Periodontal abscess triadan 203 with oronasal fistula formation
- Secondary left sided odontogenic destructive rhinitis
- Advanced periodontal disease 402
- Periodontal disease mandibular incisor teeth
- Lymphadenopathy mandibular lymph nodes
- Spina bifida occulta T1 to T6

**SEX**

Neutered Male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

2 Years

The clinical signs can be appreciated by the oronasal fistula formation of triadan 203 with secondary rhinitis. The enlarged mandibular lymph nodes are most consistent with secondary reactive hyperplasia to the dental disease.

Extraction of the affected dental elements has already been performed, regarding the history, as indicated.

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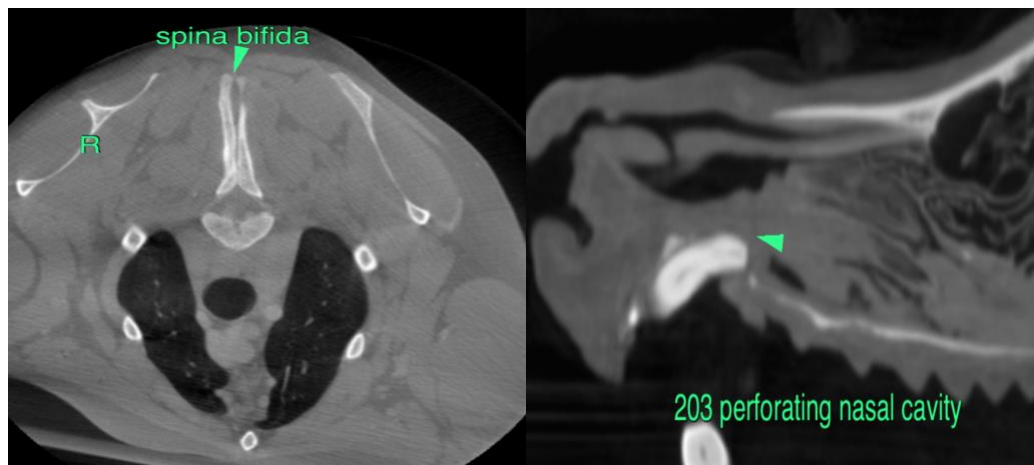
The thorax presents without clinically relevant pathologies.

**HOSPITAL NAME**

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**REFERRING VET**

Dr. Young



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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.

**DATE**

1/6/23



**PATIENT**

Mawdi Hodge

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

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**BREED**

Mixed Medium Breed

**SEX**

Neutered Male

**AGE**

2 Years

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DVM Dr. med. vet.  
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**HOSPITAL NAME**

Critical Vet  
Care/Suncoast Vet

**REFERRING VET**

Dr. Young

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