



PATIENT

Angel Mcdaniel

SPECIES

Canine

BREED

Papillon

SEX

Female Spayed

AGE

13Y

WEIGHT

4.8kgs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Hector Bustillo

HOSPITAL NAME

CARE Surgery Center

REFERRING VET

Samantha Parkinson

INVOICE

73640

DATE

2-5-26

PRESENTING CLINICAL SIGNS

Patient has had a chronic cough for the last 5 years. In the past few weeks, patient started snoring while sleeping. It was reported that the snoring started light but became progressively louder. Patient was treated with a course of antibiotics & steroids. Steroids subsided the snoring but became worse once steroids were tapered.

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

Skull

Multiple teeth are absent. Mineral attenuating material is attached to the crowns of multiple buccal teeth. The periodontal space of triadan 104 is widened and the respective tooth root is perforating the right nasal cavity. Triadan 107, 108, 207, 208, 209, 308, 309, 409 and 411 present a significant widened periodontal space.

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

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 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.

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.

Thorax

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

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.

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, but small zones with dystelectasis of the lung parenchyma.

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



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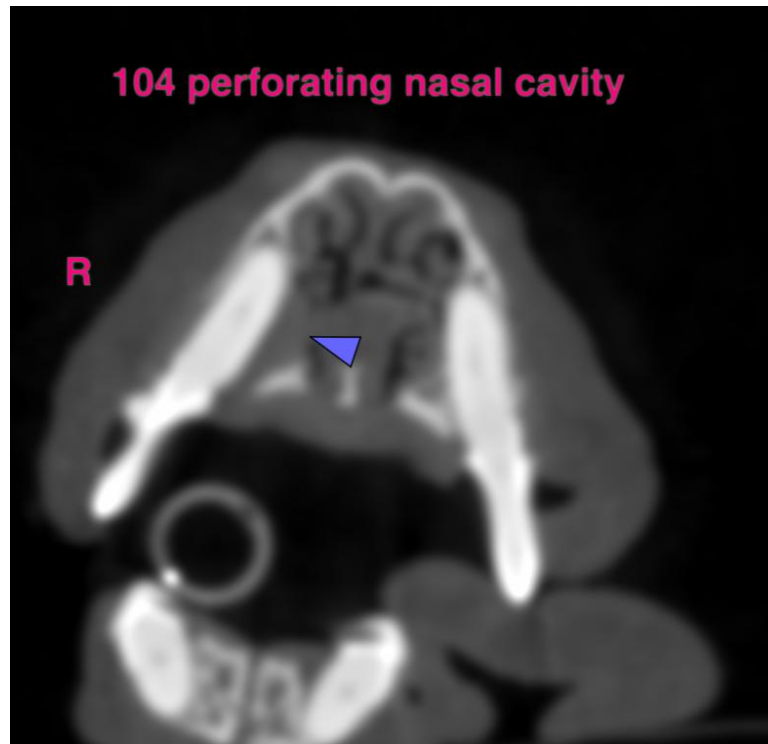
2-5-26

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Advanced periodontal disease 104, 107, 108, 207, 208, 209, 308, 309, 409 and 411 – triadan 104 is perforating the right nasal cavity
- Dental tartar
- Multiple absent teeth
- Normal thorax

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The dental disease may trigger rhinitis as possible cause for the snoring and a complete dental workup along with extraction of the affected teeth is beneficial. No additional abnormalities are appreciated that do explain the presenting clinical signs – check clinically the length of the soft palate





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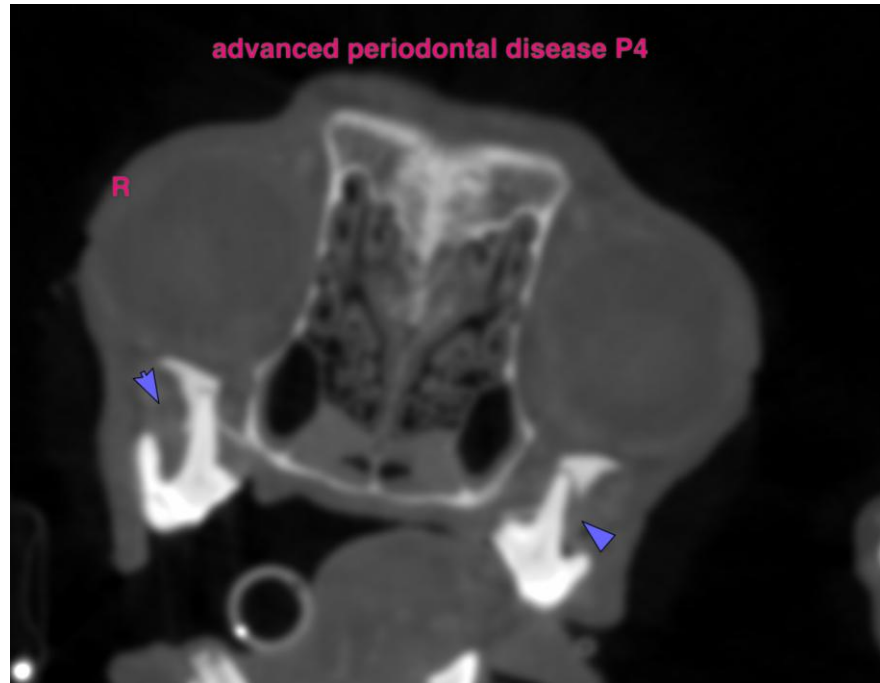
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@sonopath.com