



**PATIENT PRESENTING CLINICAL SIGNS**

Coup Megenity 3 months of nasal discharge, more noted from the right nostril. 6 months of coughing. Blood work including a CBC/Chemistry were wnl. HWT- negative. Respiratory PCR for infectious disease was negative. Radiographs on 12/7/21 revealed : 1. Normal thorax with no signs of pulmonary metastases, intrathoracic lymphomegaly, or cardiovascular disease. 2. Radiographically unremarkable head and neck. Sedated exam on 12/6/21 revealed: No FB or masses found in oral cavity or oropharynx. Small piece of fresh grass in tonsil area. Tonsils appear normal. Throat without inflammation. Spay hook used to look around/under larynx area, no masses or discharge found. Otoscope with small cone used to view visible nasal passages, nasal discharge observed in right nostril, no FBs or obvious masses found.

**SPECIES**

Canine

**BREED**

Border Collie

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain studies available for review in two image stacks.

**SEX**

FS

**COMPUTED TOMOGRAPHIC FINDINGS**

Mild periapical alveolar bone loss with loss of the lamina dura is seen around the triadans 105 and 106. Periapical inflammation with swelling of the mucosal lining is seen within the nasal cavity and extends into the ventral nasal concha of the right nasal cavity.

**AGE**

13

There is a moderate amount of fluid attenuating material and mucosal swelling noted within both nasal cavities with mostly symmetric multifocal distribution. No evidence of turbinate or conchae destruction is noted. The cribriform plate is intact. The mucosal lining of both maxillary sinuses is mildly swollen. There is polypoid swelling of the mucosal lining within the rostroventral aspect of both frontal sinuses in combination with mild fluid accumulation.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Mild thickening of the epithelial lining and luminal hypoattenuating material are seen within the medial aspect of both external auditory meatuses. A mild amount of hypoattenuating material is seen within the mesotympanum of the left tympanic bulla.

**HOSPITAL NAME**

Animal Dental Clinic

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Moderate bilateral nondestructive rhinosinusitis.
- Periodontal disease with periodontal rhinitis associated with the triadans 105 and 106.
- Bilateral otitis externa.
- Mild left-sided otitis media.

**REFERRING VET**

Donald Otten

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

49445

The CT findings are compatible with bilateral nondestructive rhinosinusitis. Infectious rhinitis such as viral, bacterial, or mixed is considered by far most likely. There is no evidence of a mass or fungal rhinitis. The dental disease with bone loss which appears to accentuate the triadans 105 and 106 may have triggered the rhinitis. However, at this point, the nasal and paranasal sinus inflammation has extended to global rhinosinusitis. Consider further definition by means of rhinoscopy with sampling for culture if not performed already.

**DATE**

1-10-22

Dental and otoscopic workup should be considered as well.



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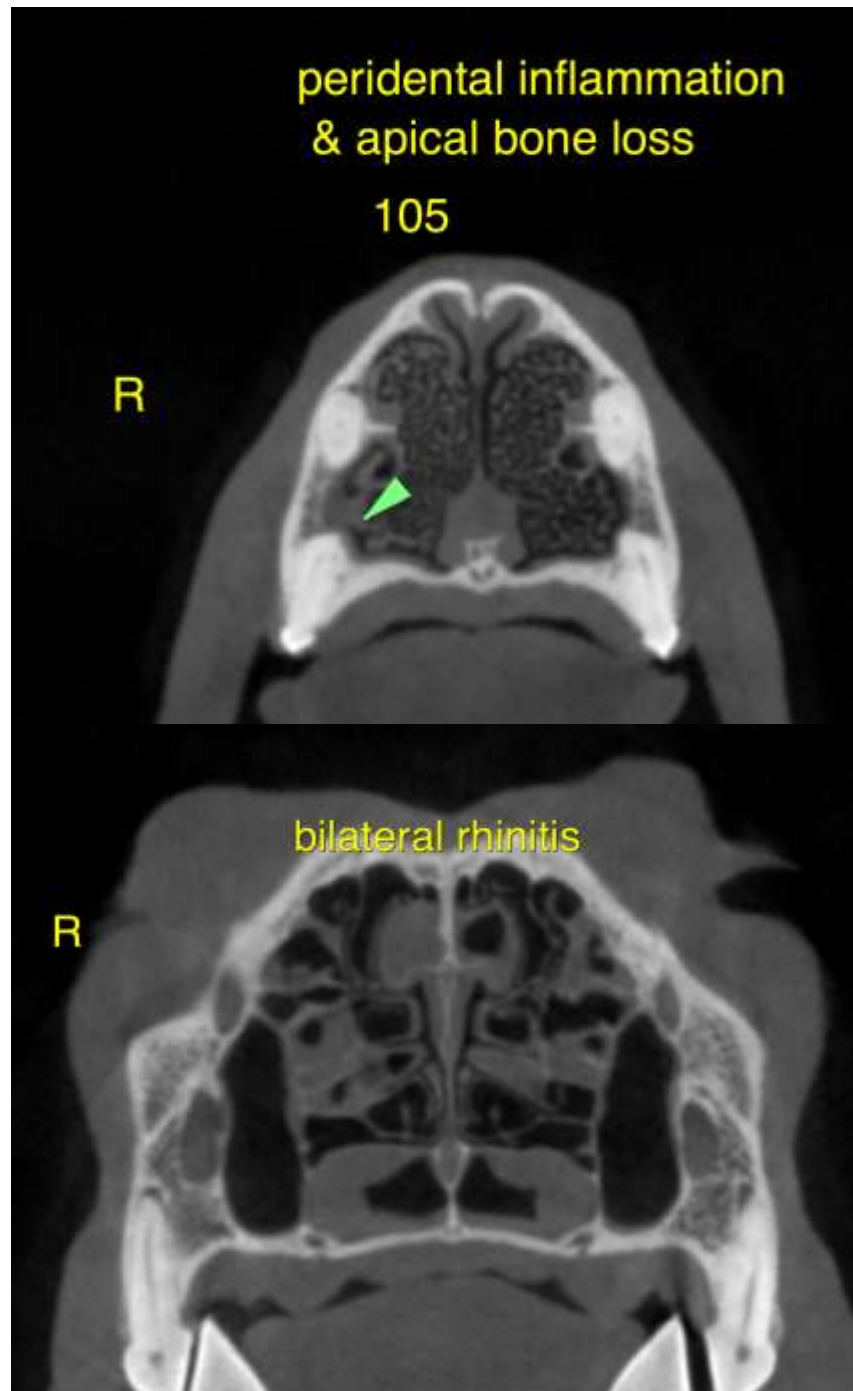
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**PATIENT**

Coup Megenity

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

**SPECIES**

Canine

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