



PATIENT PRESENTING CLINICAL SIGNS

Chispita Agosto Patient was presented for evaluation of acute history of sneezing and mucopurulent discharge/epistaxis from left nares. CBC revealed monocytosis and thrombocytosis. Chemistry revealed azotemia. 4dx performed at the end of June was negative. Echocardiogram revealed chronic valve degenerative disease. Echocardiogram findings did not warrant cardiac medications per cardiologist.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: CBC --- monocytosis and thrombocytosis CHEM --- BUN and CREA mild to moderate increased

BREED

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Poodle Plain and post contrast studies of the head, neck, thorax, & abdomen available for review.

Interpretation of head and thorax requested.

SEX

COMPUTED TOMOGRAPHIC FINDINGS

SF

Head

AGE

Hypodontia is noted with multiple absent teeth. The remaining teeth present severe signs of periodontal disease. The most severe changes being associated with the triadans 109, 204, 309, 310, 409, & 410. A dental nasal fistula with extensive alveolar bone loss and palatal bone loss is seen associated with the triadan 204. Severe atrophy of the alveolar crest is noted in all quadrants.

13 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is severe regional turbinate destruction and fluid accumulation within the left nasal cavity. Thinning of the nasal septum is seen. The remaining turbinates within the left nasal cavity present swelling of their mucosal lining. The left frontal sinus is filled with fluid attenuating material.

HOSPITAL NAME

Vertical bone loss is seen in the depth of the alveolus of the absent triadans 207 and 208 which is associated with presence of root remnants.

Veterinary Image Center

The left submandibular and medial retropharyngeal lymph nodes are moderately enlarged. Mild enlargement of the right submandibular lymph nodes is seen as well.

REFERRING VET

The bilateral external auditory meatuses present moderate irregular thickening of their epithelial lining with increased contrast enhancement.

Dr. M. Martes, DVM

Thorax

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

INVOICE

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 are uniform and considered within normal limits.

59303

DATE

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

7-11-23

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



PATIENT normal limits.

Chispita Agosto The lung parenchyma presents the expected architecture and attenuation behavior.

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

Canine **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- BREED**
- Poodle
- Severe destructive left hand sided rhinosinusitis in conjunction with the dental nasal fistula of the triadan 204.
 - Severe multifocal periodontal disease associated with the triadans 109, root remnants 207 and 208, 204, 309, 310, 409, & 410.
 - Severe atrophy of the alveolar crest in all quadrants.
 - Moderate left sided medial retropharyngeal and submandibular lymphadenomegaly.
 - Mild right sided submandibular lymphadenomegaly.
 - Chronic bilateral otitis externa, no evidence of concurrent otitis media.
 - Normal age related thorax.
- SEX**
- SF

AGE **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

13 Years The CT study reveals severe destructive rhinosinusitis with regional accentuation circumferential to the dental nasal fistula of the triadan 204. The dental nasal fistula is likely the cause of the rhinosinusitis.

INTERPRETED BY Multifocal severe periodontal disease of the remaining premolar and molar teeth as well as of the tooth roots in the left maxilla is seen and dental revision is strongly recommended if not performed already. Note the presence of severe atrophy in all quadrants which can predispose to (pathologic) fracture of the mandibles especially.

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HOSPITAL NAME The lymph node changes are compatible with reactive lymphadenitis.

Veterinary Image Center Consider otoscopic workup.

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PATIENT

Chispita Agosto

SPECIES

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13 Years

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HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

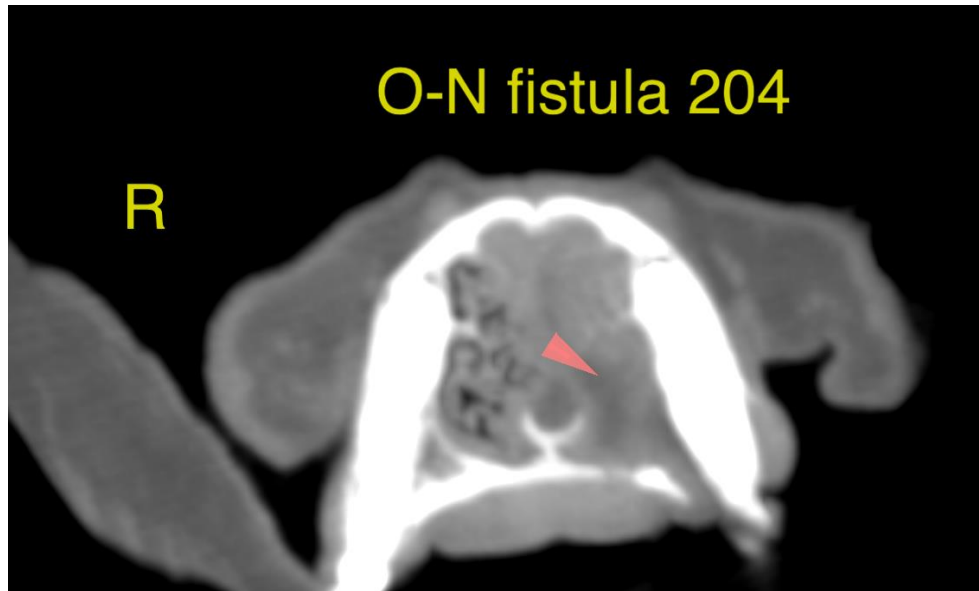
Dr. M. Martes, DVM

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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.

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