



PATIENT PRESENTING CLINICAL SIGNS

Buddy Gitlin Presented for an acute onset of sneezing and labored breathing. has a left sided nasal discharge. Is doing ok otherwise. Owner suspects inhalation of grass seed.
Abnormal PE/Chem/CBC/UA Results: Normal

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Chihuahua Skull

The tooth elements 101, 102, 105, 106, 109, 110, 201, 203, 206, 209, 210, 305, 306, 310, 311, 402, 405, 406 and 411 are absent.

SEX Triadan 104, 204, 208, 309, 403, 409 and 410 present a moderate widening of the periodontal space. There is evidence of a connection between the alveolar crest of triadan 204 with the nasal cavity.

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AGE In the left nasal cavity, a moderate amount of fluid attenuating material is attached to the nasal mucosal lining.

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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.

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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 mandibular lymph nodes are prominent.

Thorax

The intervertebral disc space C6/C7 is collapsed.

REFERRING VET

Dr. Runde

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.

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.

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The lung parenchyma presents the expected architecture and attenuation behavior.

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



PATIENT

Buddy Gitlin

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Advanced periodontal disease 104, 204, 208, 309, 403, 409 and 410
- Oronasal fistula formation 204
- Left sided odontogenic rhinitis
- Lymphadenopathy mandibular lymph nodes
- Multiple absent teeth
- Chronic discopathy C6/C7
- Structural normal thorax, no evidence of pulmonary metastatic disease

SPECIES

Canine

BREED

Chihuahua

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The left sided rhinitis can be triggered by oronasal fistula formation originating from triadan 204. However, this does not rule out possibly inhaled nasal foreign body entirely. If there is strong suspicion for nasal foreign body, considered rhinoscopy.

SEX

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A complete dental workup, with extraction of the affected teeth should be considered.

Secondary reactive hyperplasia of the mandibular lymph nodes.

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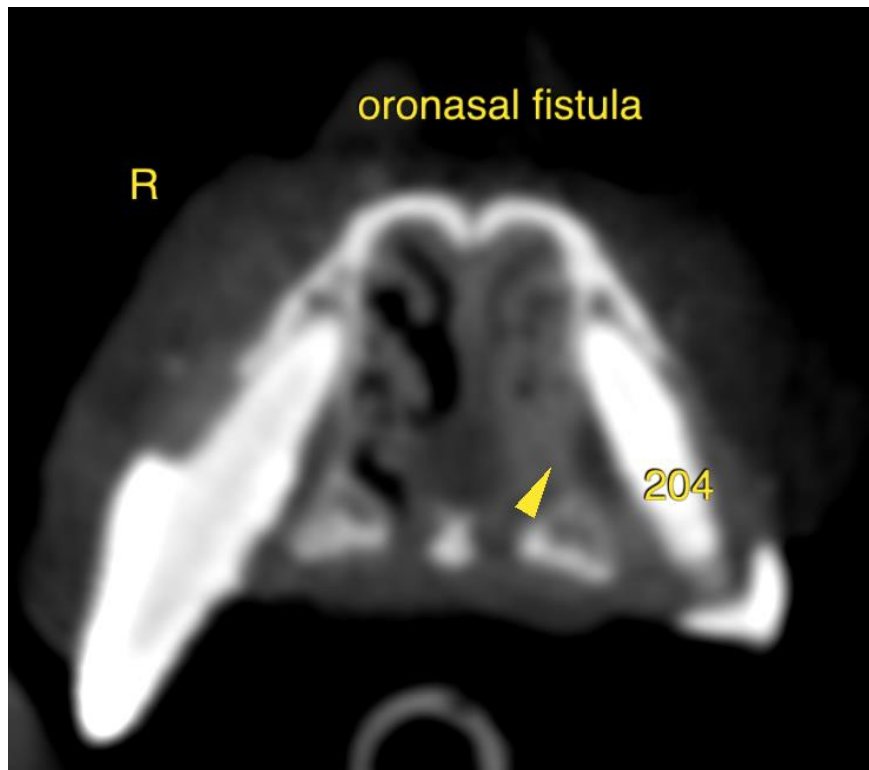
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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