



PATIENT PRESENTING CLINICAL SIGNS

Charlie Brown Nasal discharge and congestion. Owner reports difficulty breathing at times.
Abnormal PE/Chem/CBC/UA Results: Elongated soft palate noted during intubation.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Shih Tzu Multiple teeth are absent. The mesiobuccal root of triadan 109 presents a significant periapical widening of the periodontal space. The root of triadan 202 presents a transverse fracture. The root of triadan 104 presents a plumb apical ending; the pulp cavity of triadan 104 is mildly widened in comparison to triadan 204.

SEX

Neutered Male In both nasal cavities, a moderate amount of fluid attenuating material is attached to the nasal mucosal lining.

AGE

10 Years 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.

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI 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 lateral ventricles are prominent. A supracollicular fluid accumulation is seen.

HOSPITAL NAME

Mobile Pet Imaging CFL 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 periarticular bones of both shoulder joints present moderate osteophyte new bone formation.

REFERRING VET

Meaux 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.

INVOICE

57472 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.

DATE

3-27-23 Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Rhinitis



PATIENT

Charlie Brown

- Periodontal abscess/granuloma 109
- Fractured root triadan 202
- Mild distorted root triadan 104 – suspect early trauma
- Incidental ventriculomegaly and supracollicular fluid accumulation
- Multiple absent teeth

SPECIES

Canine

- Bilateral moderate degenerative osteoarthritis shoulder joints
- Normal lung, no evidence of inflammatory or metastatic lower airway disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Shih Tzu

The computed tomographic findings are suggestive for non-specific rhinitis (e.g. lymphocytic plasmocytic, eosinophilic) ± bacterial superinfection. The changes noted are not typical of fungal rhinitis, foreign body related rhinitis or underlying dental disease. Rhinoscopy including sampling for histopathology and microbial can be used as advanced diagnostic test.

SEX

Neutered Male

Although no oronasal fistula formation is appreciated, a complete dental workup might be beneficial to rule out dental disease as trigger for the rhinitis.

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

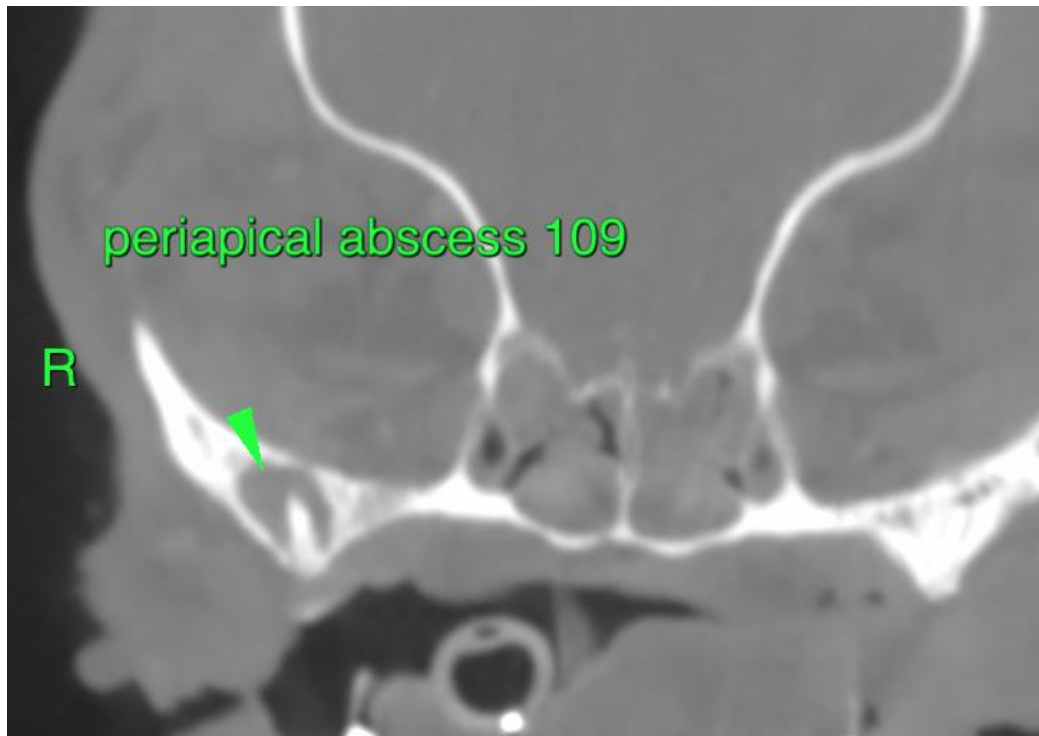
Meaux

INVOICE

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PATIENT

Charlie Brown

SPECIES

Canine

BREED

Shih Tzu

SEX

Neutered Male

AGE

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CFL

REFERRING VET

Meaux

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
sebast.schaub@gmail.com

INVOICE

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