



PATIENT PRESENTING CLINICAL SIGNS

Louis Forman Right nasal congestion
Abnormal PE/Chem/CBC/UA Results: missing teeth

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND THORAX

Canine A pre- and post-contrast study of the head and thorax is provided for review. One pre-contrast series of the head, one post-contrast series of the head and one post-contrast series of the thorax.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Chihuahua **Head**

Turbinate architecture is asymmetric, and mild loss of turbinate architecture is seen in the left nasal cavity, predominately more rostral and ventral, and adjacent to the absent tooth, triadan 204. In addition, adjacent to this absent tooth, a focal osteolytic lesion is seen in the incisive and maxillary bone, causing an oronasal communication.

SEX

Neutered Male There is accumulation of mild hypoattenuating fluid material in the nasal cavity, more ventral and rostrally. No mass effect is seen.

AGE

13 Years, 5 Months Multiple absent teeth are noted, especially in the maxillary arcade. The missing maxillary teeth include the triadans 101, 102, 105, 106, 201, 202, 204, 205, 206 and 110. The missing triadans in the mandibular arcade include 301, 302, 305, 401 and 402. A few fragments of their retained root are also seen. Moderate horizontal and vertical bone loss along the present teeth is seen. More, demarcated geographic lysis in the alveolar bone adjacent to the triadans 108 and 208 is noted.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The choana, nasopharynx, and larynx are normal.

The cribriform plate is intact.

HOSPITAL NAME

Mobile Pet Imaging

The frontal sinuses are rudimentary, incidental.

The tympanic bullae and external auditory canals are normal.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are normal.

REFERRING VET

Meaux

The retrobulbar spaces and globes are intact.

No mass effect is seen in the brain.

The temporomandibular joints are bilaterally congruent.

INVOICE

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Mild periarticular ossification is seen at the caudal aspect of the right shoulder joint.

Multifocal intervertebral cervical disc spaces are collapsed with incomplete bridging spondylosis.

DATE

4-20-23

Thorax

The trachea is normal in luminal diameter and position.

**PATIENT**

Louis Forman

The lumen of the left main bronchus is moderately reduced, collapse (grade 1/3).

The tracheobronchial lymph nodes are normal.

The pulmonary expansion and attenuation are normal.

SPECIES

Canine

The cardiac silhouette and pulmonary vessels are normal. The contrast media adequately fills the cardiac chambers and vessels on post-contrast series.

BREED

Chihuahua

The mediastinal space and cranial mediastinal lymph nodes are unremarkable.

The pleural space and diaphragm are normal.

The collimated musculoskeletal structures are unremarkable.

SEX

Neutered Male

On the collimated abdomen, a hyperattenuating rounded structure is seen within the gallbladder in the ventral dependent portion.

COMPUTED TOMOGRAPHIC DIAGNOSIS**AGE**

13 Years, 5 Months

- Mild destructive rhinitis and minor nasal fluid accumulation, more in the left nasal cavity, and especially adjacent to the region of absent tooth, triadan 204.
- No nasal mass effect is seen.
- Moderate chronic periodontal disease, multiple absent teeth, tooth root periapical reabsorption or abscess in the triadans 108 and 208.
- Moderate reduction of the luminal left main bronchus, differential diagnosis bronchomalacia or artifact.
- Otherwise, normal thorax.
- Gallbladder lithiasis in the collimated abdomen.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**HOSPITAL NAME**

Mobile Pet Imaging

The differential diagnosis for mild destructive rhinitis includes bacterial, viral, and lymphocytic plasmocytic. Early infectious fungal disease cannot be ruled out. An association of the nasal flush biopsy is suggested.

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Moderate periodontal disease is seen. A correlation between severe periodontal disease and infectious rhinitis could occur. An odontology treatment is suggested in association with rhinitis treatment.

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SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

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13 Years, 5 Months

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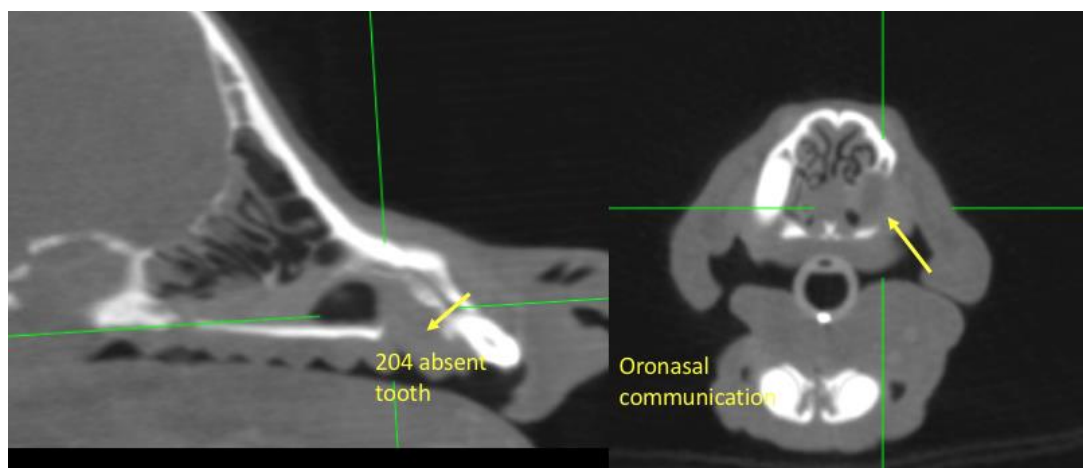
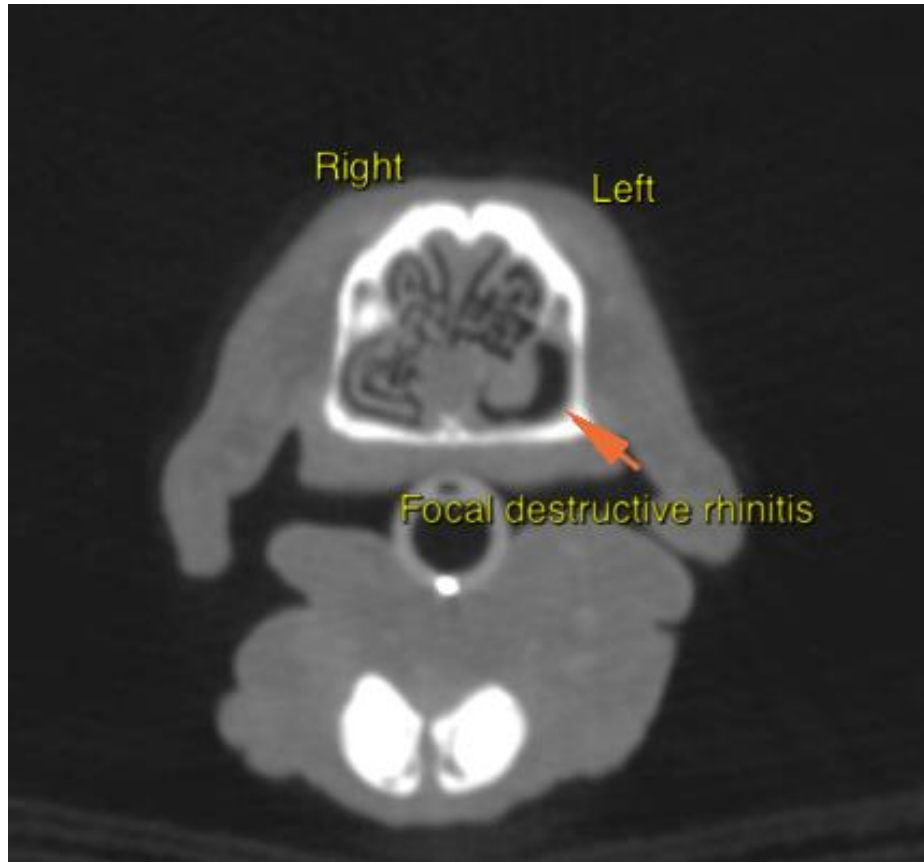
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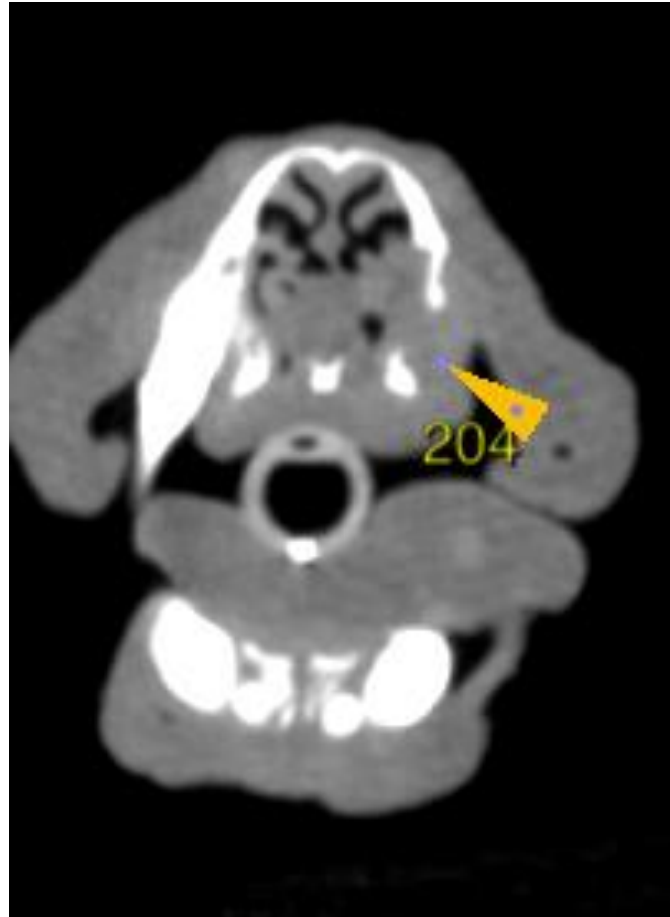
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

HOSPITAL NAME

Mobile Pet Imaging

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