



PATIENT PRESENTING CLINICAL SIGNS

Rilo Gains History: History of swelling around maxillary canine tooth and facial swelling since April 2021. Diagnosed with histologically low grade biologically high grade fibrosarcoma by biopsy and histopathology on July 17, 2021.

SPECIES Abnormal PE/Chem/CBC/UA Results: Oral cavity: 3 x 3.4 cm mass hard left mid maxilla July 14, 2021 - CBC: Eosinophilia (1.42) - Chemistry: Elevated ALT (196)

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX

BREED A pre- and post-contrast CT study of the skull and thorax in a soft tissue, lung and bone reconstruction are provided for review.

Mixed Breed

COMPUTED TOMOGRAPHIC FINDINGS

SEX Skull:

Neutered Male Associated with the maxillary bone level with the alveolar crest of triadan 204, plaque-like, a homogeneous soft tissue attenuating and moderate contrast enhancing soft tissue swelling is visible, measuring approximately 28 x 7 x 32 mm in size. The buccal osseous lamella of the alveolar crest of triadan 204 presents aggressive osteolysis with mild expansile character of the alveolar crest of triadan 204.

AGE

7 Years

The nasal cavity presents the expected aerated spaces between thin and even conchae and turbinates with smooth mucosal lining.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

HOSPITAL NAME

Animal Health
Partners

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.

REFERRING VET

Dr. Jerome Gagnon

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 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:

INVOICE

12483

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

DATE

8/9/21



PATIENT 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.
Rilo Gains

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

SPECIES 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.
Canine

The lung parenchyma presents the expected architecture and attenuation behavior.

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

SEX Neutered Male

- History of fibrosarcoma associated with the buccal aspect of the maxillary bone level 204
- Structural normal thorax, no evidence of pulmonary metastatic disease

AGE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

7 Years The soft tissue swelling at the buccal aspect of the alveolar bone of triadan 204 has already been diagnosed as fibrosarcoma. Complete surgical resection by left sided rostral hemilaminectomy is a potential treatment option, potential osteotomy lines are in the midline between 101 & 201, at least distal to triadan 206 in the caudal aspect and in the dorsal aspect osteotomy should be performed in the midline – adjacent to the nasal septum – level with triadan 204 and can be directed more ventrally distal to the alveolar crest of triadan 204.

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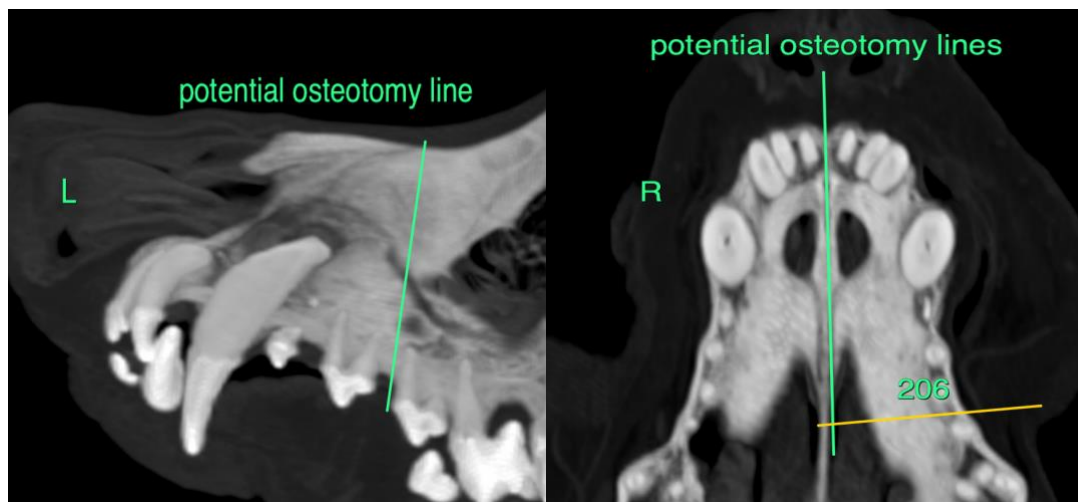
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Rilo Gains

SPECIES

Canine

BREED

Mixed Breed



SEX

Neutered Male

AGE

7 Years

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.

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