



PATIENT

Lucky Torres

PRESENTING CLINICAL SIGNS

Pet presented for CT Scan with history of oral mass. See attached Medical Record with pictures. November 16, 2021 Histopathology of oral growth: ameloblastic/odontogenic fibroma, extensively ulcerated with surface necrosis/bacterial colonization. - Mass has recurred and is now much larger. See photo attached that was taken during CT scan.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

BREED

Hound Mix

COMPUTED TOMOGRAPHIC FINDINGS

The patient has a history of ameloblastic/odontogenic fibroma with surgical removal and macromorphological tumor recurrence.

SEX

MN

Head

A large ill-defined soft tissue attenuating mass with lobulated appearance is seen in the left caudal maxilla with extension into the left orbita, lateral and ventral of the zygomatic arch, as well as extension into the nasal and oral cavities. Owing to the ill-defined margins of the soft tissue mass, accurate measurements are not entirely possible; however, the mass appears to be approximately 7.5 cm in length and 6.0 cm in width as well as 3.5 cm in height. Bone lysis of the left maxilla starting from the distal margin of the triadan 207 is seen as well as aggressive lysis of the rostral part of the zygomatic arch, nasal and lacrimal bones of the left orbita, hard palate, and hamulus of the pterygoid bone. There is a mild left sided exophthalmos. The nasal and oral components of the mass cause partial upper airway obstruction.

AGE

7 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

HOSPITAL NAME

Mobile Pet Imaging
CFL

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

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.

REFERRING VET

Borecky

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.

INVOICE

49140

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.

DATE

12-20-21



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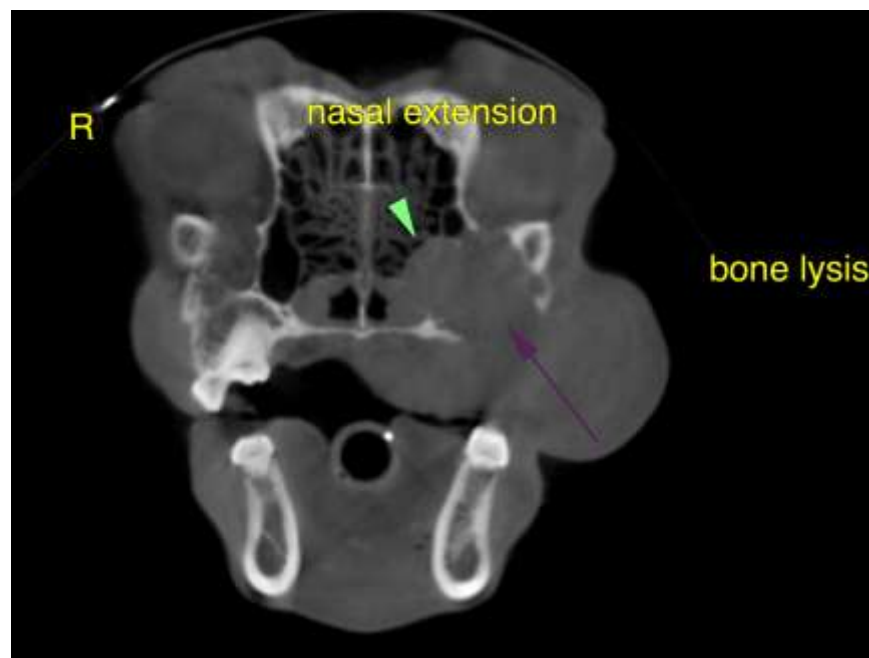
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large lobulated soft tissue mass of the alveolar crest of the left maxilla with orbital, nasal, and oral extension.
- No evidence of metastatic disease of the regional lymph nodes or lung.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for aggressive biological behavior. The pattern of bone lysis is not typical for pressure related atrophy as typical in benign masses and next to the reported fibroma, the mass is with locally invasive growth such as ameloblastoma and malignant masses such as fibrosarcoma, lymphosarcoma, and other should be considered. Consider also repeating the histology.

The extensive anatomic distribution of the tumor to the orbital, oral, and nasal cavities with crossing of the midline may pose limitations to a new a surgical resection.



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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