



PATIENT PRESENTING CLINICAL SIGNS

Penny Jones Maxillary mass around k9 tooth (104).

COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

SPECIES 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.

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Skull

Pitbull Mix Triadan 103 is absent. The proximal two thirds of the crown of triadan 104 are absent and the pulp cavity is exposed to the dental surface.

SEX Centered on the alveolar bone level with triadan 103/104, a amorphous mineralizing mass is seen. Major parts of the mass are protruding into the rostral segment of the right nasal cavity and a smaller part into the oral cavity; the mass is measuring approximately 3.4 x 2.6 x 3.8 cm in size. The associated right maxillary bone, right palatine bone and incisive bone present peremative osteolytic lesions. The rostral aspect of the right nasal cavity is obliterated by the mass.

SF

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

10 Years

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.

HOSPITAL NAME

Mobile Pet Imaging
CFL

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 lateral of the mandibular lymph nodes bilaterally are prominent.

Thorax

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

REFERRING VET

Xavier 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.

INVOICE

56357

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.

DATE

1-24-23

The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization.

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



PATIENT

Penny Jones

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Polyostotic aggressive mixed osteolytic and osteoproliferative mass rostral aspect right upper jaw quadrant
- Secondary obstruction right nasal cavity
- Complicated dental fracture 104
- Lymphadenopathy mandibular lymph nodes bilaterally
- Absent 103
- Pulmonary osteomas
- No evidence of pulmonary metastatic disease

SPECIES

Canine

BREED

Pitbull Mix

SEX

SF

AGE

10 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The mass centered on the rostral aspect of the right upper jaw quadrant is most suggestive for primary osseous neoplasia – such as osteosarcoma, chondrosarcoma. Differentials for the mass include fibrosarcoma, squamous cell carcinoma, other. FNA sampling and/or biopsy can be used for further differentiation. Complete surgical excision of the mass by rostral maxillectomy is considered feasible – potential osteotomy lines are distal to triadan 105 or better 106 and distal to triadan 203 or 204. The chances of radiation therapy can be discussed with oncologist alternatively, based on results of the advanced diagnostic tests.

Recommend FNA sampling of the mandibular lymph nodes to rule out metastatic disease.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

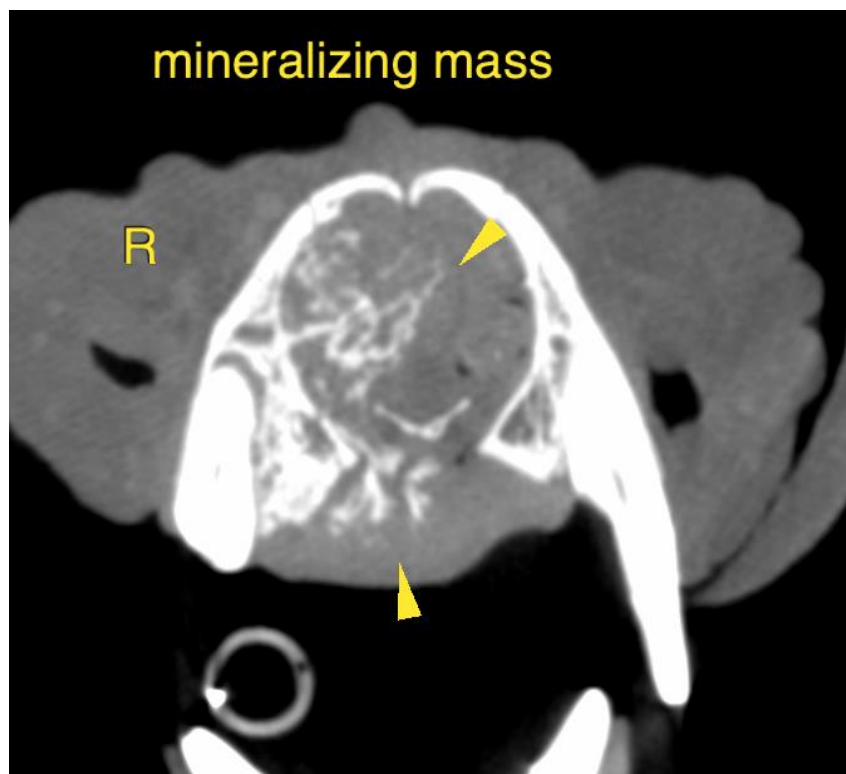
Xavier Meaux

INVOICE

56357

DATE

1-24-23





PATIENT

Penny Jones

SPECIES

Canine

BREED

Pitbull Mix

SEX

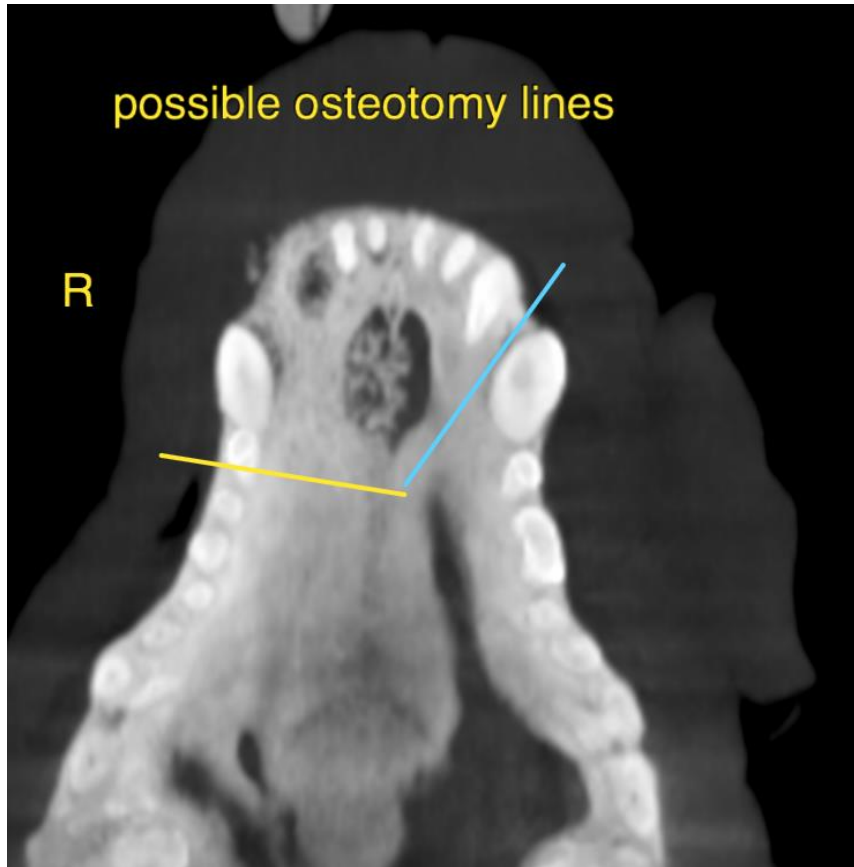
SF

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI



HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

Xavier Meaux

INVOICE

56357

DATE

1-24-23

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