



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Fiona Ainis History: fluid filled swelling at the rostral mandible was initially noticed August 22, 2022 with VEC dentistry service. Fiona has had a previous history of a segmental mandibulectomy between 304 and 309 for SCC in April 2022. A whole mouth extraction was performed on August 22, 2022.

SPECIES Previous Diagnostics May, 6, 2022 Excisional biopsy; resected tissue from L mandible - Neutrophilic and lymphoplasmacytic stomatitis with neutrophilic osteomyelitis July 6, 2022 incisional biopsy of oral mass - gingivitis/stomatitis, erosive and lymphoplasmacytic, chronic, diffuse, marked, with mucosal epithelial hyperplasia, collagenolysis, edema and granulation tissue formation. July 26, 2022 Aerobic culture (abscess/oral swelling) - staph pseudointermedius and enterococcus faecalis

Feline

BREED Domestic Shorthair Cytology (oral swelling) - cyst/pseudocyst; evidence of cell degeneration and inflammation suggesting sampling from an inflamed cyst or pseudocyst. Lining elements are not found to help characterize the primary cause of this lesion, nor is an associated infectious component. Most such lesions are benign, though some malignant processes may contain similar material. Sampling of the more firm, peripheral portions of the lesion for tissue biopsy and histopathology may be useful to further characterize as clinically appropriate.

SEX

Female

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX

AGE

13 Years

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

COMPUTED TOMOGRAPHIC FINDINGS

INTERPRETED BY

Skull

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

All teeth are absent. The rostral two thirds of the body of the left mandible are absent; the margins of the osteotomy are rounded. Level with the absent left body of the mandible, a uniform soft tissue attenuating and heterogeneous contrast enhancing mass is seen, measuring approximately 2.6 x 2.2 x 2.8 cm in size. In the caudal aspect, the mass is confluent with the base of the tongue.

HOSPITAL NAME

Animal Health
Partners

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

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

REFERRING VET

Debbie Reynolds

Both tympanic bullae contain a small amount of fluid attenuating, gravity dependent material. The external ear canals are within normal limits.

INVOICE

17700

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.

DATE

10/13/22



PATIENT The right mandibular lymph nodes are prominent, uniform soft tissue attenuating and contrast enhancing. The medial retropharyngeal lymph nodes are prominent.

Fiona Ainis

The left mandibular lymph nodes are not appreciated – possibly excised during preceding surgical procedure.

SPECIES

Thorax

Feline

The right superficial cervical lymph node is prominent.

BREED

Domestic Shorthair

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.

SEX

Female

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.

AGE

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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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of segmental left mandibulectomy
- Sublingual oral mass with potential local invasive growth into the base of the tongue
- Lymphadenopathy right mandibular lymph nodes, bilateral medial retropharyngeal and right superficial cervical lymph node
- History of full mouth dental extraction
- Normal thorax, no evidence of pulmonary metastatic disease

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Debbie Reynolds

The oral mass in combination with the biopsy results might present kind of inflammatory pseudotumor that might be supported by the lack of overt aggressive osseous lesions of the associated segments of the mandible. However, in combination with the history, reoccurrence of squamous cell carcinoma is a potential as well. Recommend repeating biopsy of the oral mass.

INVOICE

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Recommend complementing workup by FNA sampling of the regional lymph nodes to differentiate between reactive hyperplasia or metastatic disease.

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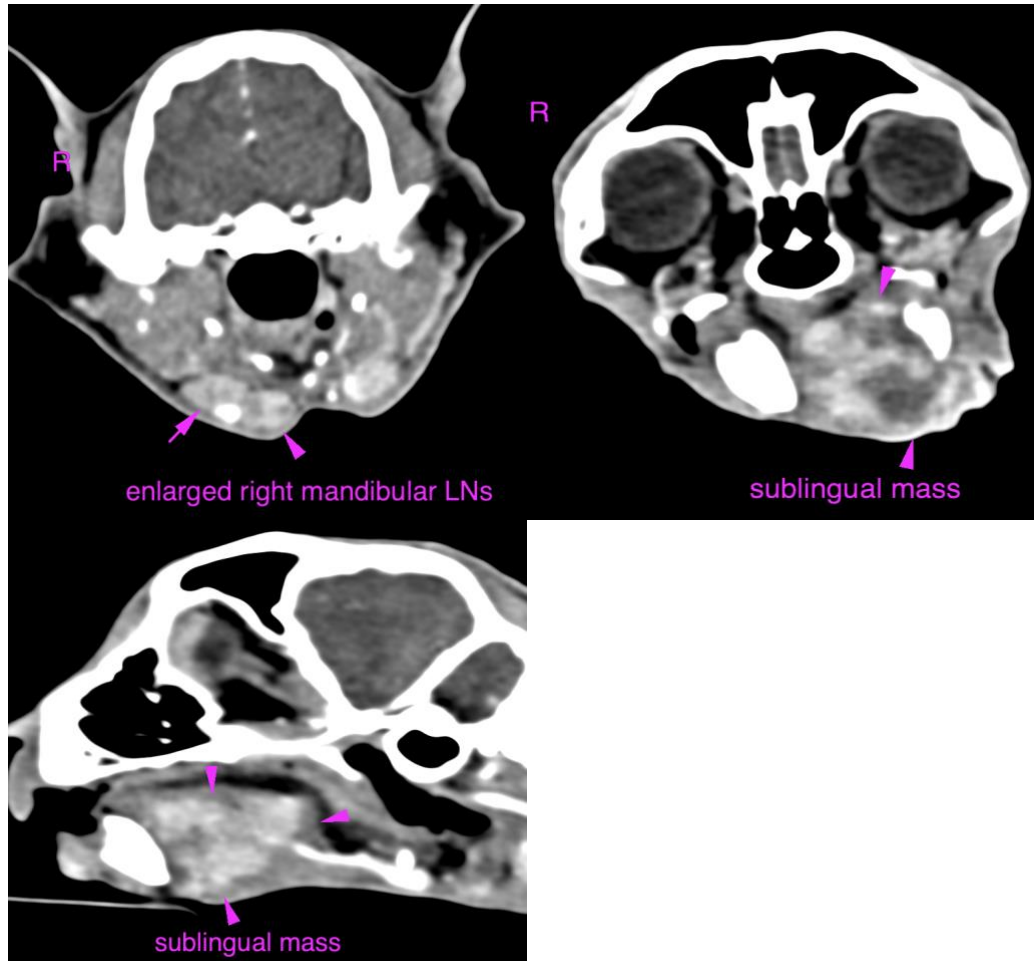
Debbie Reynolds

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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
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