



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Lucy Nipper History: O presented PT for teeth and mouth being painful. Pt has been panting alot, has very bad breath (since checkup) and has been drooling on her left side a lot more. Tongue will be out at times with mouth being open, showing that mouth is painful. All is abnormal for PT. Leans head to one side when eating. Been drinking water. Asked for an extra bordetella vaccination.

SPECIES Canine DENTAL: drooling, left side with some blood present / discolored left lower canine - some inflammation along the gingiva with premolar 1/2 region.304 is discolored, likely is becoming nonvital . Firm bony swelling, left rostral mandible and thickening of the chin LYMPH NODES: may left submandibular slightly enlarged, firm, symmetrical

BREED Lab Mix Abnormal PE/Chem/CBC/UA Results: chem, cbc values all wnl, except for mild increased globulin

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

SEX A high resolution pre- and post-contrast CT study of the skull is provided for review.

Spayed Female **COMPUTED TOMOGRAPHIC FINDINGS**

AGE 9 Years 8 Months The dentition is complete. The left body of the mandible, level with 304 to 308 presents extensive permeative osteolysis and amorphous periosteal new bone formation. Post contrast administration, the lytic left mandibular segment presents moderate to marked contrast enhancing. The alveolar bone of triadan 404 presents a lytic lesion medially with contrast enhancing material crossing the mandibular symphysis.

INTERPRETED BY Sebastian Schaub, DVM Dr. med. vet. DipECVDI 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.

HOSPITAL NAME Neel VH 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. Ellen Domnick 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 left mandibular lymph nodes are moderately enlarged, rounded and present a heterogeneous contrast enhancement pattern.

INVOICE 13897 **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Polyostotic aggressive osteolytic lesion left body of the mandible with evidence of crossing the mandibular symphysis

DATE

2/11/22



PATIENT • Lymphadenopathy left mandibular lymph nodes

Lucy Nipper

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The findings are consistent with primary mandibular neoplasia and potentials include squamous cell carcinoma, fibrosarcoma, osteosarcoma, chondrosarcoma, other. FNA sampling or biopsy can be performed as advanced diagnostic test. The odds for metastatic spread to the mandibular lymph nodes are high – recommend FNA sampling for further workup.

BREED

Lab Mix

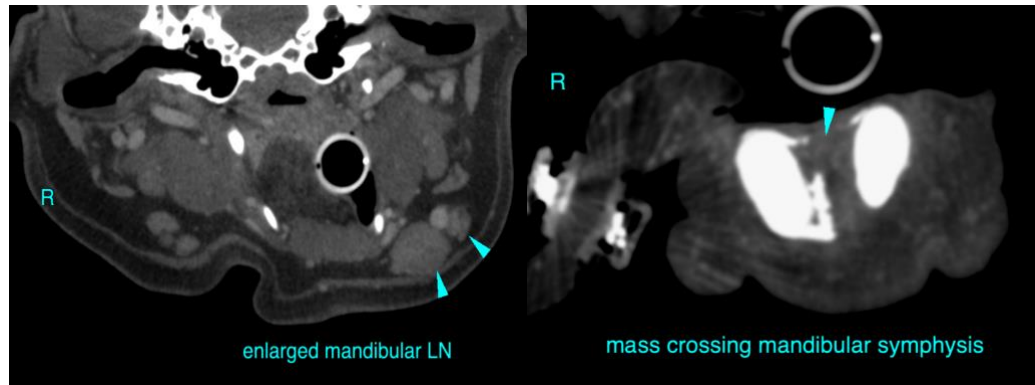
Complete surgical resection of the mandibular mass appears feasible, potential osteotomy lines are distal to triadan 309 and distal to triadan 406 in the right mandible. Consider full tumor staging.

SEX

Spayed Female

AGE

9 Years 8 Months



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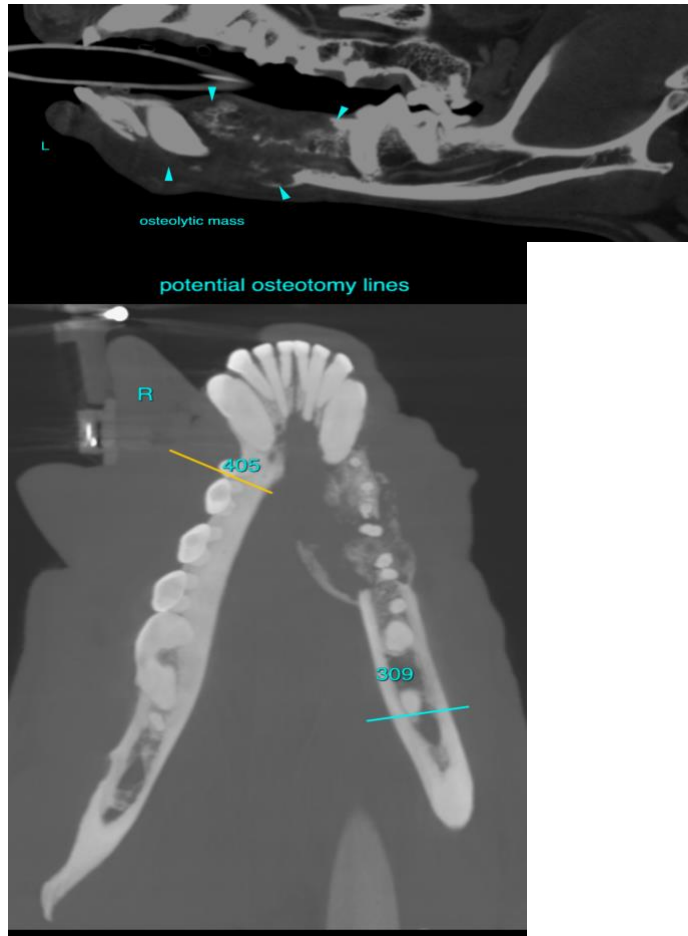
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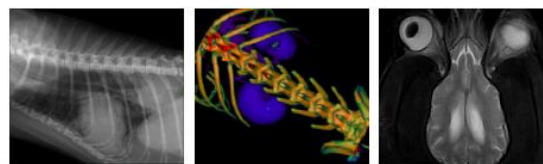
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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



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