



PATIENT PRESENTING CLINICAL SIGNS

Lunna Hannaford History: O reports that Luna has a mass in her mouth which was found at previous vets, they had a biopsy which has come back on a malignant mass which they have been told is inoperable.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Great Dane Triadan 210 and 311 are absent.

SEX
Female Centered on the caudal aspect of the alveolar process and caudal segment of the infraorbital canal of the left maxillary bone, an ill-defined, soft tissue attenuating and peripheral contrast enhancing mass is visible, measuring approximately 2.7 x 2.9 x 3.6 cm in size. The mass is extending caudally into the rostroventral aspect of the left orbit, displacing the left ocular bulb dorsally and the left zygomatic gland caudally. The mass is occupying the caudal segment of the left infraorbital canal. The associated osseous structures present permeative osteolytic lesions and the mass is perforating the left nasal cavity.

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

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

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 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.

Animal Trust-Ellesmere Port The mandibular lymph nodes bilaterally are prominent, uniform soft tissue attenuating and contrast enhancing.

REFERRING VET

Dr. Laura Hughes

COMPUTED TOMOGRAPHIC DIAGNOSIS

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DATE

4/7/22

- Soft tissue mass centered on the caudodorsal aspect of the alveolar process of the left maxillary bone extending into the left orbit
- Secondary monostotic aggressive osteolytic lesions of the left maxillary bone with perforation of the left nasal cavity
- Lymphadenopathy mandibular lymph nodes bilaterally
- Absent triadan 210 and 311



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Lunna Hannaford
SPECIES Canine
 The findings are fitting the history of a local invasive growing soft tissue mass associated with the alveolar process of the left maxillary bone – such as fibrosarcoma, osteosarcoma, chondrosarcoma, melanoma, other. Complete surgical excision of the mass would warrant aggressive surgery by the means of left sided caudal hemimaxillectomy – rostral osteotomy line should be mesial to triadan 208. Radiation therapy can be considered as treatment option as well and the chances can be discussed with surgeon and oncologist.

BREED Great Dane
 The prominent regional lymph nodes are equivocal for age related reactive hyperplasia or metastatic disease – consider FNA sampling for further definition.

Recommend complementing full tumor staging by 3-view thoracic radiographs.

SEX

Female

AGE

1 Year

INTERPRETED BY

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

HOSPITAL NAME

Animal Trust-
 Ellesmere Port



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.

REFERRING VET

Dr. Laura Hughes

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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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
 sebast.schaub@gmail.com

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PATIENT

Lunna Hannaford

SPECIES

Canine

BREED

Great Dane

SEX

Female

AGE

1 Year

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