

**PATIENT**

Abigail Stachnik

PRESENTING CLINICAL SIGNS

Mass biopsy from below the left eye 1/19/22 confirmed osteosarcoma. CT for surgical planning

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL

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

BREED

Pit Bull Mix

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

SEX

Female Spayed

Centered on the dorsal aspect of the rostral third of the left zygomatic arch – level with the left orbit – a soft attenuating mass with mild amorphous mineralization, measuring 3.0 x 2.1 x 4.0 cm in size is visible. The mass presents a broad base to the zygomatic arch with permeative osteolytic lesions. Post contrast administration the mass presents moderate heterogeneous contrast enhancement.

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

AGE

6 Years

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

INTERPRETED BYSebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Monostotic aggressive osteolytic mass left zygomatic arch

HOSPITAL NAMEWilson Veterinary
Hospital**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The mass originating from the left zygomatic arch is fitting the history of osteosarcoma, originating from the rostral third of the left zygomatic arch. Complete surgical excision by resection of the rostral segment of the left zygomatic arch appears feasible – osteotomy lines should be level with the rostral base of the left zygomatic arch and caudally approximately level with the caudal margin of the left ramus of the mandible.

REFERRING VET

Dr. Nick Vitale

If not done so yet, recommend complete tumor staging.

INVOICE

49990

DATE

1-31-22



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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.

SPECIES

Canine

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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