



**PATIENT PRESENTING CLINICAL SIGNS**

Chip Brown History: Right eye has been swollen off and on for 3-4 weeks. 1/5/22 the eye tripled in size rapidly. Abnormal PE/Chem/CBC/UA Results:

**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**

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

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

**SEX**

Neutered Male In the caudodorsal aspect of the right orbit, a roundish multilobulated ,moderate contrast enhancing mass is visible; measuring 3.6 x 3.3 x 4.9 cm in size is visible. The right ocular bulb is displaced rostrally and ventrally and distorted by the mass effect. The lateroventral wall of the right frontal sinus is depressed by the right orbital mass.

**AGE**

8 Years 4 Months 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 left external ear canal presents a moderately thickening of the wall and the lumen of the horizontal segment of the left external ear canal is moderately narrowed and filled with mild heterogeneous hypoattenuating, non-contrast enhancing material.

**HOSPITAL NAME**

Neel VH

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 submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**REFERRING VET**

Dr. Ellen Domnick

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Right sided retrobulbar soft tissue mass with secondary exophthalmos and pressure atrophy of the associated osseous margin of the right frontal sinus
- Left sided chronic otitis externa

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

1/6/22

There is a primary soft tissue neoplasm originating from the right retrobulbar space and differentials include melanoma, fibrosarcoma, adenocarcinoma, other. Ultrasound guided FNA sampling from a



**PATIENT**

lateral dorsal aspect of the right orbit can be used as an advanced diagnostic test. Surgical evisceration ± adjuvant radiation therapy can be considered as treatment option.

Chip Brown

Consider full tumor staging.

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Neutered Male

**AGE**

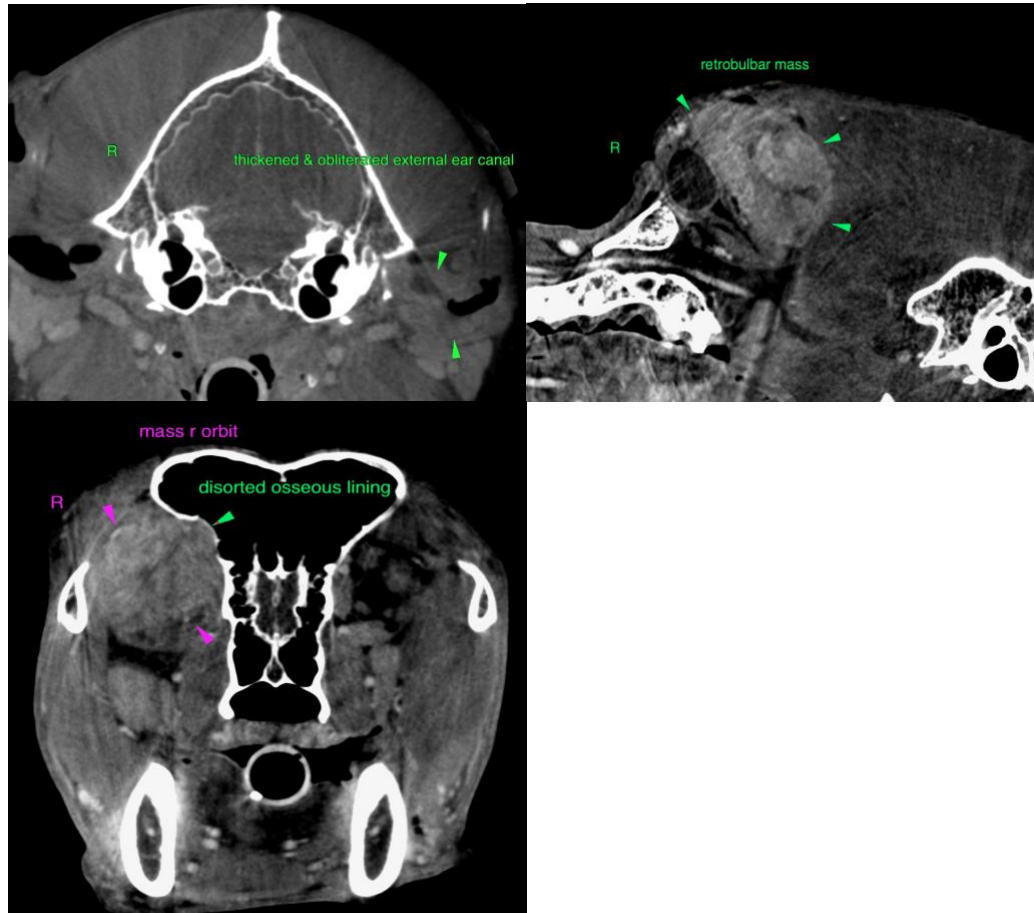
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

**REFERRING VET**

Dr. Ellen Domnick

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

**DATE**

1/6/22



**PATIENT**

Chip Brown

**SPECIES**

Canine

**BREED**

Mixed

**SEX**

Neutered Male

**AGE**

8 Years 4 Months

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