



**PATIENT PRESENTING CLINICAL SIGNS**

Mr. Waffles Diaz History: Mr. Waffles present for second opinion to evaluate a mass over the head that has been there for more than a year and owner suspect is growing in size. Owner has a referral for CEVET(specialist center) from Veterinario Express but no radiographs were done only bloodwork (attached document). Mr. Waffle has been doing well no V/D, eating well no neurologic sign noted. Owner interested in surgical removal if possible.

Canine

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- unremarkable

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

Neutered Male

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.

**AGE**

8 Years

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 external ear canals are within normal limits.

**HOSPITAL NAME**

Veterinary Image  
Center

Protruding from the right parietal bone, a well-defined, granular mineralizing mass is appreciated, measuring 4.3 x 2.6 x 3.5 cm. The mineralizing mass is very mildly bulging into the cranial fossa, distorting the right parietal lobe at the same level. The coronoid process of the right ramus of the mandible is deviated laterally by the mass effect. In the rostral aspect, the mineralizing mass is bulging into the caudal aspect of the right orbital cavity.

**REFERRING VET**

Dr. J. Walker, DVM

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.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

23051

- Monostotic semiaggressive osteoproliferative mass, arising from the right parietal bone

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**DATE**

6/23/23



**PATIENT**

Mr. Waffles Diaz

The mineralizing mass is most consistent with multilobulated osteochondrosarcoma (MLO), originating from the right parietal bone with local perforation of the cranial vault. Complete surgical excision of the mass by resection of the affected segment of the parietal ± frontal bone is considered feasible although surgical approach may be difficult in the respective region – in the rostral aspect the mass is extending up to the level of the right frontal bone, just caudal to the right frontal sinus.

**SPECIES**

Canine

Although in case of MLO, the risk for metastatic spread is low consider full tumor staging.

**BREED**

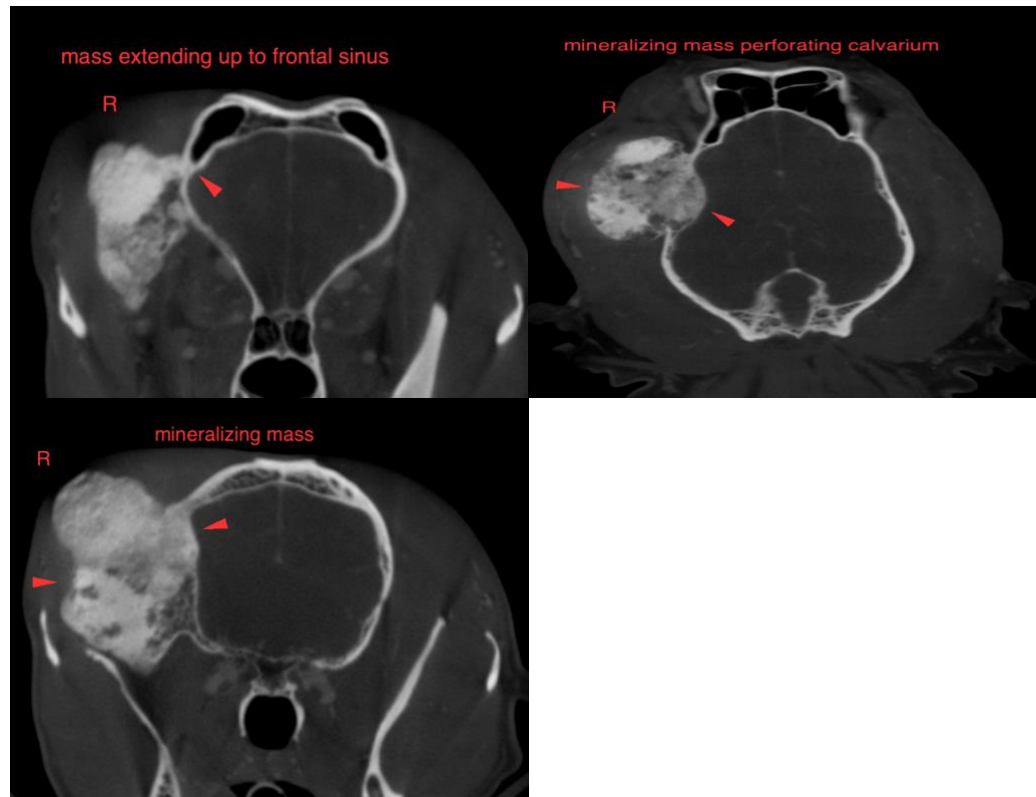
Schnauzer

**SEX**

Neutered Male

**AGE**

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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.**

**REFERRING VET**

Dr. J. Walker, DVM

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  
info@sonopath.com

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**PATIENT**

Mr. Waffles Diaz

**SPECIES**

Canine

**BREED**

Schnauzer

**SEX**

Neutered Male

**AGE**

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