



**PATIENT PRESENTING CLINICAL SIGNS**

Jake Brilliant Hard palate mass rule out neoplastic

**COMPUTED TOMOGRAPHY OF THE SKULL**

**SPECIES** A high resolution plain CT study of the skull is provided for review.

Canine **COMPUTED TOMOGRAPHIC FINDINGS**

The tooth elements 205, 305, 401 are absent. Triadan 201 and 410 present a marked widened periodontal space.

**BREED** Centered on the horizontal plate of the palatine bone bilaterally, an amorphous mineralizing, expansile mass is appreciated, protruding into the nasal cavity dorsally and the oral cavity ventrally. The associated segment of the palatine bone bilaterally present advanced aggressive osteolysis. The mineralizing mass of the hard palate is extending from the level of the first maxillary premolar teeth caudally up to the level of the fourth premolar teeth. The mass is occupying approximately up to two third of the cross-sectional area of the nasal cavity; destruction of the associated nasal conchal & turbinate structures is seen. Soft tissue material is attached to the remaining conchal & turbinate structures.

**SEX** Male

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

9 Years 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.

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

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

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- HOSPITAL NAME** Animal Surgical Center - Oceanside
- Polyostotic aggressive predominant osteoproliferative mass centered on horizontal plate palatine bone bilaterally
  - Periodontal disease 201 and 410
  - Absent triadan 205, 205 and 401

**REFERRING VET INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Infernuso The appreciated mineralizing mass is consistent with primary osseous neoplasm, originating from the hard palate - differentials include osteosarcoma, chondrosarcoma, osteochondrosarcoma, other. Biopsy can be performed for further differentiation. The chances of radiation therapy can be discussed with oncologist, based on biopsy results.

**INVOICE** Consider full tumor staging.

59777

**DATE**

8-17-23



**PATIENT**

Jake Brilliant

**SPECIES**

Canine

**BREED**

Yorkie

**SEX**

Male

**AGE**

9 Years

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

**HOSPITAL NAME**

Animal Surgical  
Center - Oceanside

**REFERRING VET**

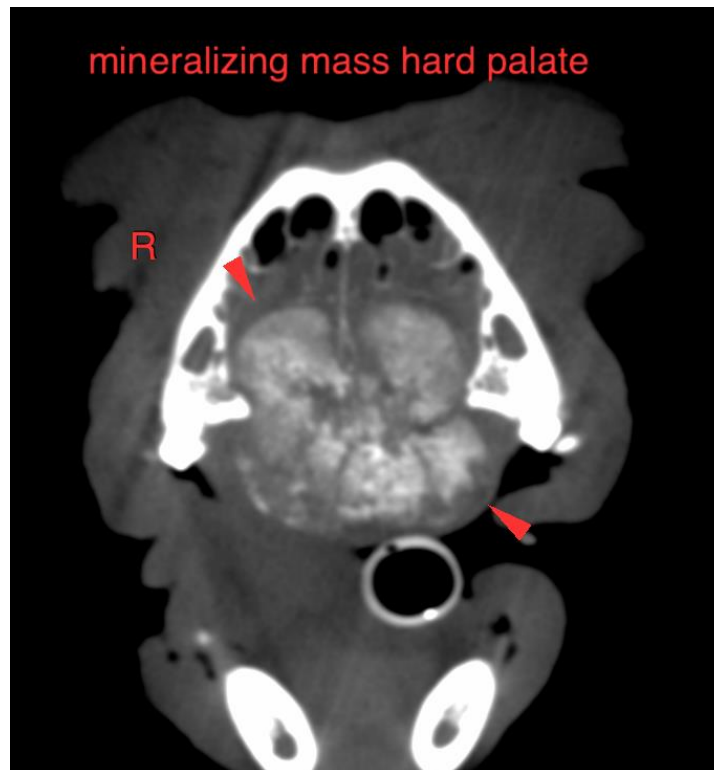
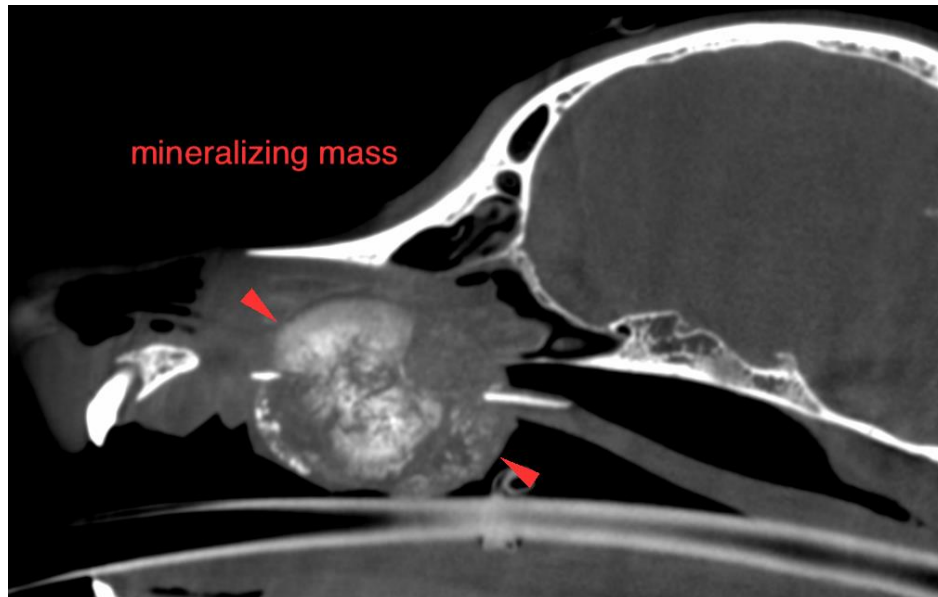
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**PATIENT** The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Jake Brilliant

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.

**SPECIES**

Canine

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[info@sonopath.com](mailto:info@sonopath.com)

**BREED**

Yorkie

**SEX**

Male

**AGE**

9 Years

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