



PATIENT PRESENTING CLINICAL SIGNS

River Kohl April 6, acute onset left head tilt and facial paralysis that then resolved quickly although the head tilt persists. January 2022: History of one month oral mass-like ulcerated right upper caudal lip with radiolucent alveola on x-rays and friable buccal gum lesion - 2/3 cm.

SPECIES Histopathology:ULCERATIVE, NEUTROPHILIC CHEILITIS, GINGIVITIS, PERIODONTITIS AND OSTEO-CHEILITIS WITH BONE SEQUESTRA (109 and 308/309) - surgery end of January
 Canine Currently yelping in pain intermittently. Cannot determine where the pain is coming from.

COMPUTED TOMOGRAPHY OF THE SKULL

BREED A pre- and post-contrast CT study of the skull in a bone and soft tissue reconstruction is provided for review.
 Border Collie X

COMPUTED TOMOGRAPHIC FINDINGS

SEX The tooth element 109 is absent. Triadan 108, 308 and 309 present a moderate widening of the periodontal space. Level with triadan 308&309 solid periosteal new bone formation is appreciated.
 FS

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

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

INTERPRETED BY 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.

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. Level with the basal nuclei bilaterally symmetric hyperintense, mild ill-defined foci are visible. After contrast administration, no pathologic contrast enhancement pattern of the brain parenchyma is appreciated. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME 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.
 Animal Health Partners

COMPUTED TOMOGRAPHIC DIAGNOSIS

- REFERRING VET**
- Periodontal disease 108, 308 and 309 and mild periosteal new bone formation at the same level
 - Bilateral symmetric mineralization of the basal nuclei/globus pallidus
- Dr. Kilburn

INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

51742 No specific abnormality can be appreciated, explaining the potential pain but the periodontal disease, fitting the history of local inflammation and osteomyelitis level with triadan 109, 308 and 309.

DATE The mineralization level with the basal nuclei is very rare and I could only find respective description in human medicine and considered as a sequela to neurodegenerative disorder, hereditary disorder, hypoparathyroidism (can cause paresthesia and mineralization of the brain suspected secondary to hyperphosphatemia), pseudohypoparathyroidism, other.
 4-25-22



PATIENT

If not done so yet, recommend complementing workup by complete blood work including Ca-levels.

River Kohl

SPECIES

Canine

BREED

Border Collie X

SEX

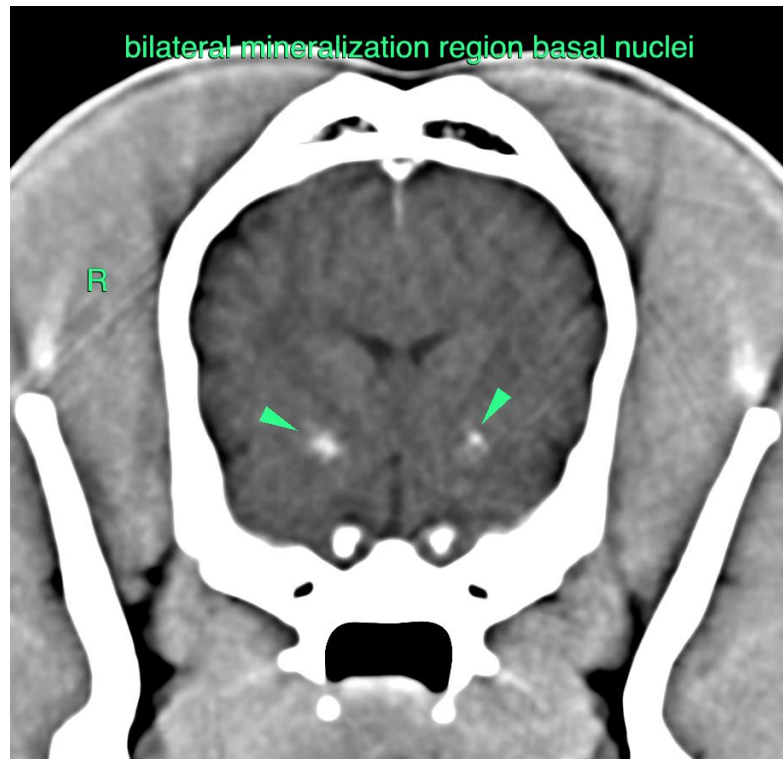
FS

AGE

6 Years

INTERPRETED BY

Sebastian Schaub, DVM
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HOSPITAL NAME

Animal Health
Partners

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. Kilburn

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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INVOICE

51742

DATE

4-25-22