



PATIENT PRESENTING CLINICAL SIGNS

Mako Khouri History: Non-ambulatory, head tilt to the left. Had a seizure over the weekend. Recently diagnosed with hypothyroidism. Previous spinal surgery.

SPECIES Abnormal PE/Chem/CBC/UA Results: HCT 34% unremarkable chemistry T4 <0.5

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL**

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

BREED
COMPUTED TOMOGRAPHIC FINDINGS

Labrador Retriever

The tip of the crown of triadan 104 is absent and the pulp cavity is in contact with the surface and is mildly widened. A mild to moderate periapical widening of the periodontal space of triadan 104 is visible, perforating the nasal cavity. Generalized abrasion of the crowns of triadan 204, 304 and 404 is visible.

SEX

Intact Male

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

AGE

13 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; multiple incidental small tympanic bone spicules are seen in the tympanic bulla bilaterally. The external ear canals present a mild thickening of the wall with mild shell-like mineralization.

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.

HOSPITAL NAME

The ventricular system is non-dilated and symmetric.

Mobile Pet Imaging

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

Meaux

The thyroid glands bilaterally present a moderately reduced volume. The right thyroid gland presents a mild heterogeneous contrast enhancing nodular lesion, protruding beyond the margins of the right thyroid gland, measuring approximately 6 mm in diameter.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

10/19/21

- Nodular lesion right thyroid gland
- Bilateral thyroid hypoplasia – history of hypothyroidism
- Periapical granuloma 104 due to complicated dental fracture and oronasal fistula formation
- Abrasion of the crowns of triadan 204, 304 and 404

DATE

10/19/21



PATIENT

Mako Khouri

- Bilateral chronic otitis externa
- Structural normal brain
- Structural normal middle and inner ear

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

An underlying macromorphological cause of the current neurological deficits is not detected. However, according to the history an ischemic insult and/or geriatric vestibular syndrome is a potential differential diagnosis.

BREED

Labrador Retriever

If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out other systemic illness. MR imaging may be indicated in case of the strong suspicion of structural parenchymal changes of the brain.

SEX

Intact Male

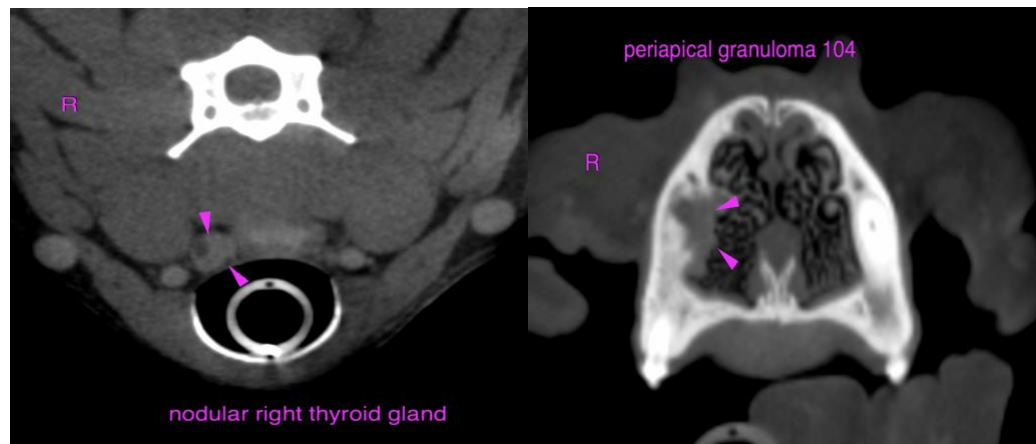
The right thyroid nodular can represent nodular hyperplasia, thyroid/parathyroid adenoma or less likely early stage of carcinoma.

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HOSPITAL NAME

Mobile Pet Imaging

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

Meaux

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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