



PATIENT PRESENTING CLINICAL SIGNS

Kyra Ortiz History: Patient presents to ER with seizures two days after head trauma. Medication: Keppra 100mg/mL TID, Gabapentin 50mg/mL BID and Meclizine 25mg SID

SPECIES Abnormal PE/Chem/CBC/UA Results: CBC --- mild thrombocytosis CHEM --- ALT mild increased

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

Chihuahua Multiple retained deciduous teeth are seen throughout all jaw quadrants. Multiple permanent teeth are absent.

SEX

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

AGE

1 Year Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.
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 Incomplete ossification of the bregmatic fontanelle is seen.
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.

HOSPITAL NAME

Veterinary Image Center A keyhole malformation of the foramen magnum is appreciated.
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. J Morales, DVM **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Multiple persistent deciduous teeth
- Multiple absent permanent teeth
- Keyhole formation foramen magnum
- Structural normal brain

INVOICE

16626 **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

DATE

7/29/22



PATIENT In the present study of the brain there is no evidence of macromorphological disease, which supports the presumptive diagnosis of idiopathic epilepsy.

Kyra Ortiz

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 hepatoencephalopathy and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

SPECIES

Canine

A dental workup with extraction of the persistent deciduous teeth is considered beneficial.

BREED

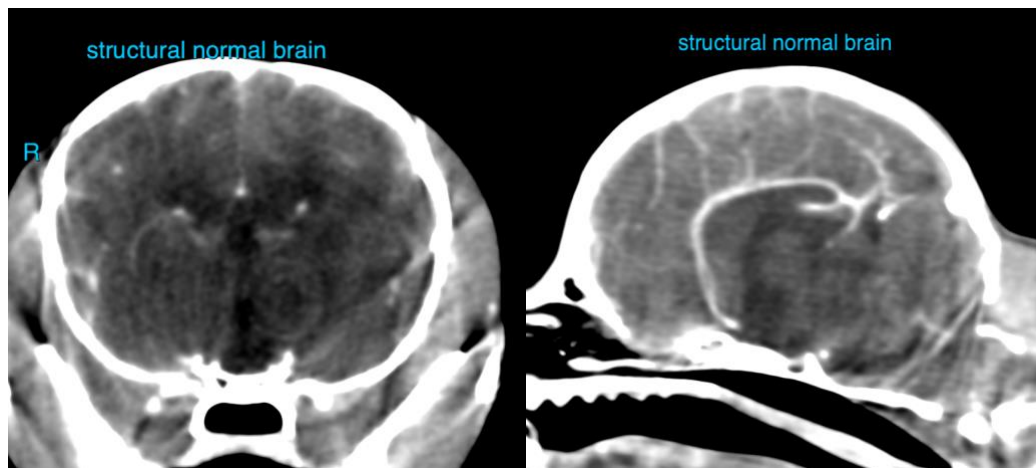
Chihuahua

SEX

Female

AGE

1 Year



INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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.

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.

HOSPITAL NAME

Veterinary Image
Center

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