

**PATIENT**

Princess Cruz

**PRESENTING CLINICAL SIGNS**

Seizures, Cushings Rule out pituitary tumor

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Pre/post contrast studies provided for review.

**BREED**

Chihuahua

**COMPUTED TOMOGRAPHIC FINDINGS**

There is a rounded to amorphous shaped mass detected in the area of the left olfactory bulb causing mass effect on the midline and the adjacent cerebral structures measuring 2.6 x 1.3 cm with a strong, mildly irregular enhancement. Integrity of the cribriform plate is questionable. Marked hyperostosis of the basal meninges and the sphenoidal bone is recognized. Changes extend caudally reaching the area of the hypophyseal fossa. The bony outline of the latter is clearly defined. The pituitary gland is not identified.

**SEX**

Female Spayed

Both tympanic bullae are completely ventilated with a regular tympanic bulla wall.

**AGE**

12 Years

External ear canals are ventilated in all sections, walls of the external ear canals, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

**INTERPRETED BY**

Sebastian Jawinski,  
German Board  
Certified Vet  
Specialist in  
Diagnostic Imaging

Frontal sinuses and the orbital contents are laterally symmetrical without evidence of a retrobulbar lesion. Nasal cavities are ventilated regularly.

Post contrast images show no pathological enhancement. Soft tissues of the head and neck are symmetrical and of homogeneous density, especially the mandibular and medial retropharyngeal lymph nodes.

**HOSPITAL NAME**

Mobile Pet Imaging

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Extra-axial mass in the area of the left olfactory bulb, compressing the latter and causing midline shift to the right with marked hyperostosis of the basisphenoid bone

**REFERRING VET**

Meaux

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

CT findings likely represent a basal meningioma rostral to the pituitary gland. The latter is not clearly identified but the unilateral appearance, the hyperostosis and location of the mass are not typical for a pituitary neoplasia. The reported symptoms of seizures do match with the detected lesion.

**INVOICE**

49515

**DATE**

1-12-22



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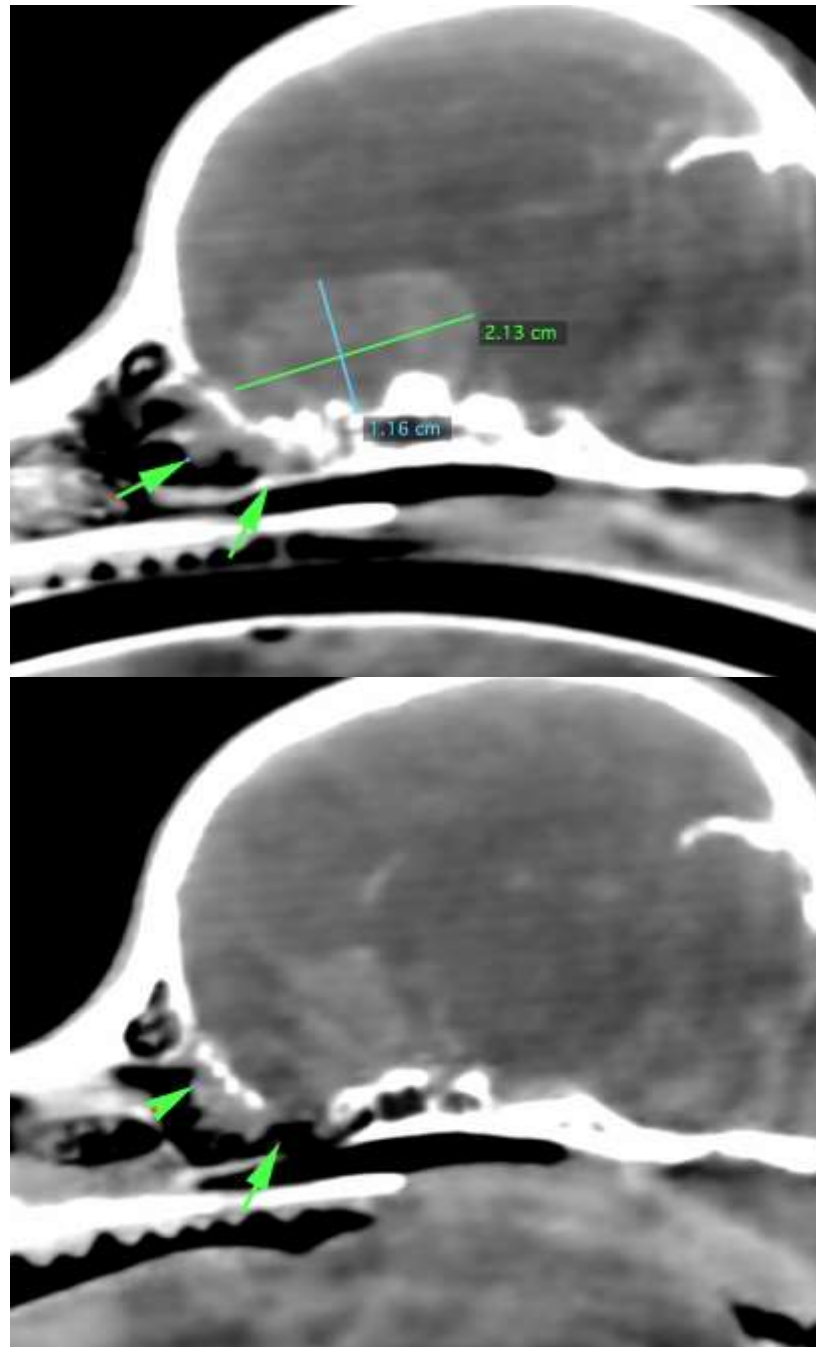
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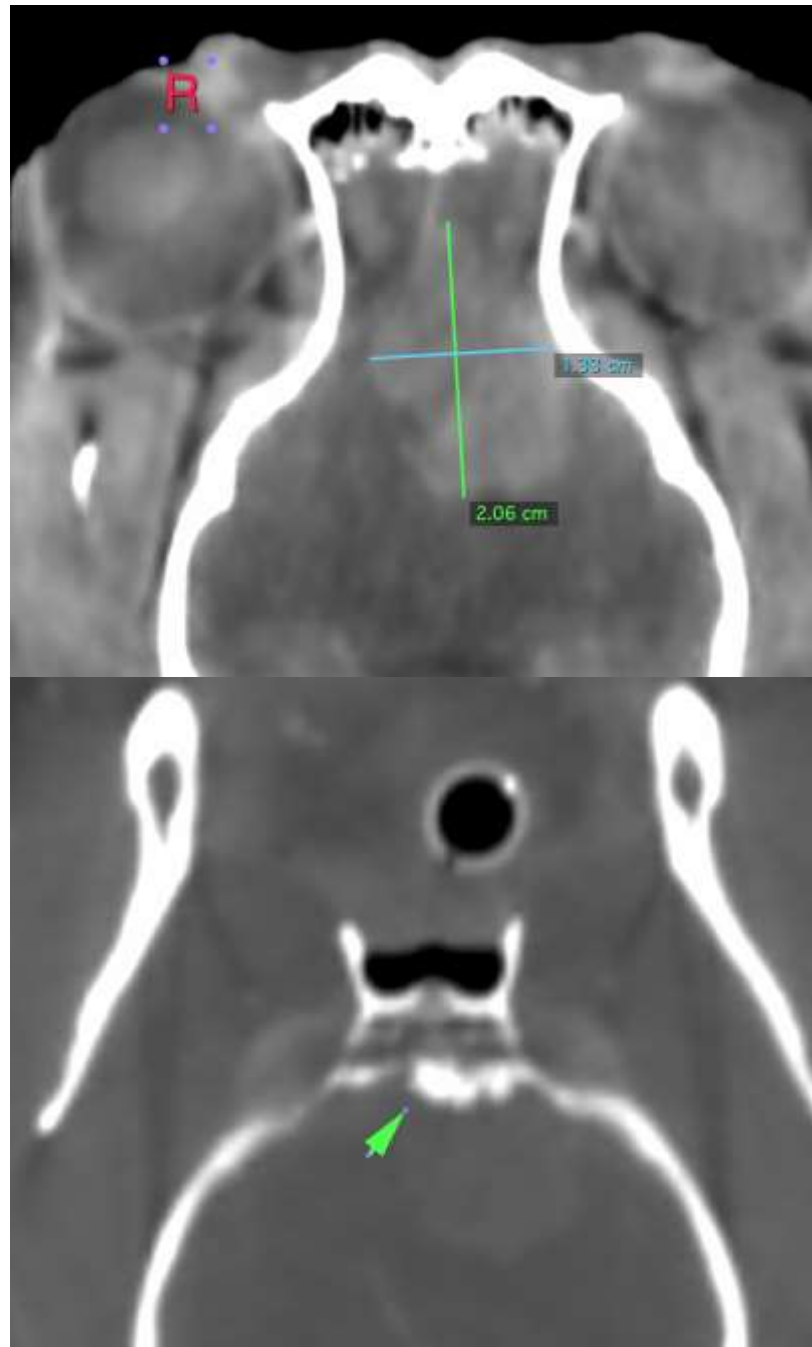
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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 Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging**  
Sebastian.Jawinski@sonopath.com

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