



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Wolf Stewart

SPECIES
Canine

BREED
Chinese Crested

Wolf a 11 year old, MN Chinese Crested Dog, presented to the AHP Neurology Service on October 6, 2021 for a scheduled MRI. Wolf's first seizure occurred Sept 30th 2021 at age 11 years old and at that time he woke up at 5am in the morning and started pacing and falling over and at 10am, he was on his side and his limbs were fully extended and he was drooling. That episode lasted for about 1-2 min. After the episode he was anxious for about 1 hour. He was seen by his family veterinarian on the same day, he was hospitalized for monitoring. Blood work done at that time was unremarkable. Saturday Oct 2nd, he had 6-7 focal seizures and showed chattering of the teeth. Upon consultation with his veterinarian, he was started on levetiracetam. He has had no new seizures, but he is more anxious and restless than usual. Between episodes, Wolf has been clinically normal at home. Wolf has been tolerating the medications well

MAGNETIC RESONANCE IMAGING STUDY OF THE BRAIN

SEX
T2, T2-Star, FLAIR, Diffusion weighted, T1 plain and post contrast, and FLAIR plain and post contrast studies available for review.

MN

MAGNETIC RESONANCE IMAGING FINDINGS

AGE
11

The MRI study of the brain reveals a large irregular shaped suprasellar mass in the ventral midline with multicystic appearance. The tissue components of the mass are isointense in T1 and T2 weighted images with multiple cystic lesions of varying size containing fluid intense material. The mass measures approximately 17mm in length, 13mm in height, and 8mm in width. Strong nonuniform contrast enhancement is noted on the post-contrast study as well as long dural tails on the right side as well as cranially and caudally. The perilesional edema appears to be minimal. No evidence of intralesional hemorrhage or restricted diffusion is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is a strong mass effect onto the surrounding neuroparenchymal anatomy including the interthalamic adhesion, third ventricle, thalamus, and hypothalamus.

HOSPITAL NAME

Animal Health
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No evidence of significant ventricular dilation is noted at this point and there is no evidence of cerebellar herniation.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Large suprasellar mass with multicystic appearance and dural tails meeting neoplastic criteria.

REFERRING VET

Dr. Little

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI findings are compatible with an extra-axial neoplasia in the suprasellar region. Based on the multicystic appearance and presence of dural tails, cystic meningioma is the main differential diagnosis here. However, pituitary adenoma, pituitary adenocarcinoma, and round cell neoplasia are theoretical differential diagnoses. At this point, there is evidence of obstruction hydrocephalus internus, cerebellar herniation, or other high pressure signs.

INVOICE

47720

DATE

10-7-21



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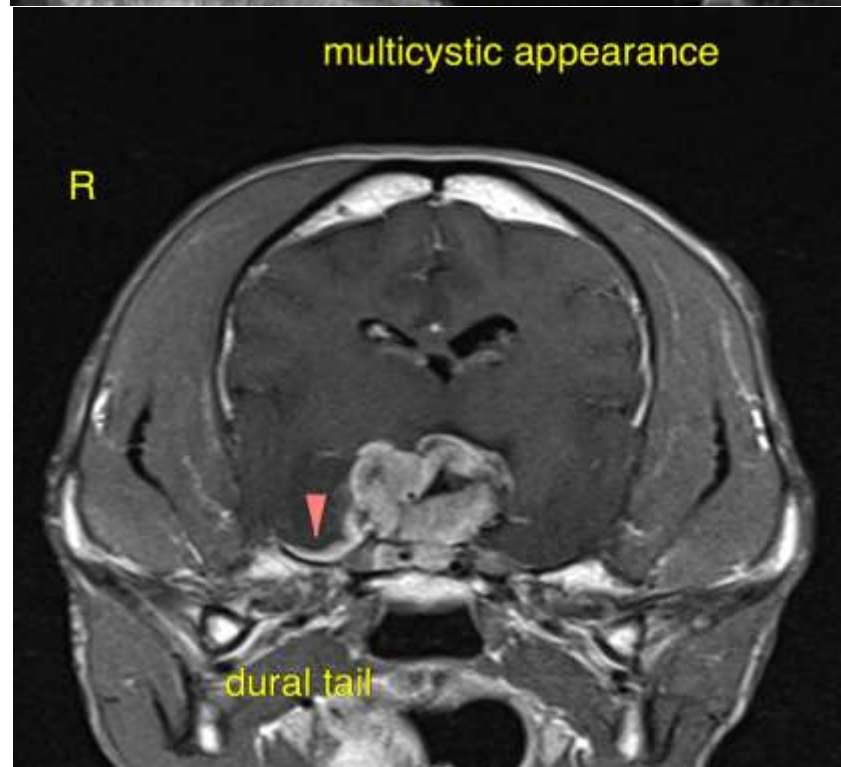
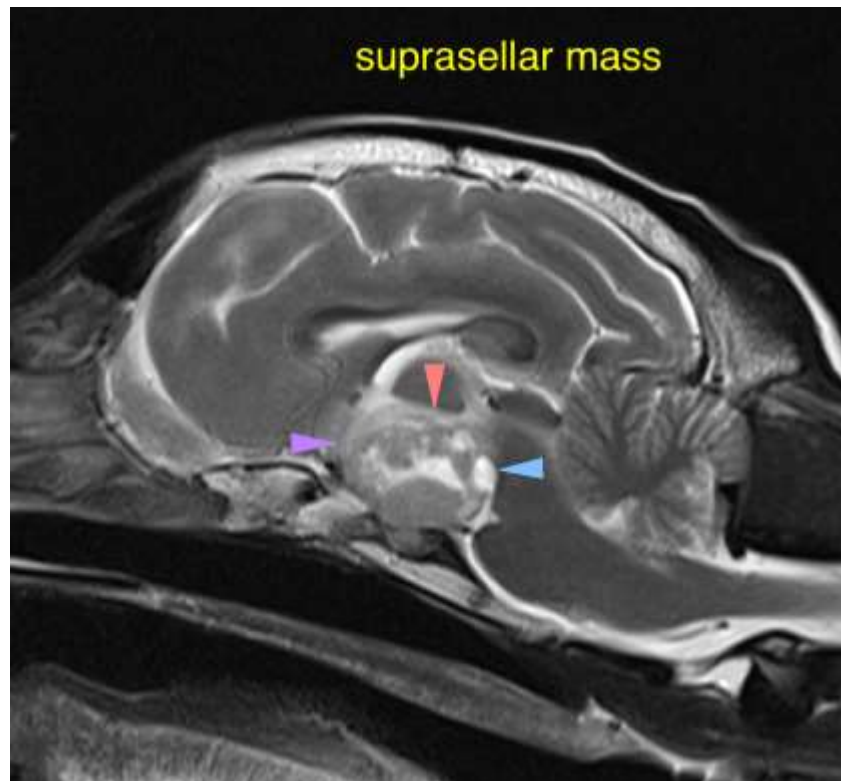
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

BREED

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