



PATIENT

Pancakes Berceau

PRESENTING CLINICAL SIGNS

Pancakes presented about 2 weeks ago for weakness in rear leg(s). Dr Burton noted delayed righting response in L. Her R leg TPLO was in Nov 2020.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: OBJECTIVE Eyes: bright and clear Ears: clean with no inflammation Nose and throat: no abnormality Heart: No noted arrhythmia or pulse deficits, normal subjective peripheral circulation Lungs: normal respiratory sounds, rate and effort Abdomen: soft and non-painful with no noted abnormalities Musculoskeletal: No significant musculoskeletal abnormalities or lameness. The fore limbs are normal. No neck or back pain. The right stifle is mildly thickened with a palpable previous TPLO, the left stifle is unremarkable.

BREED

American Staffordshire Terrier

Integument: Clean and smooth hair coat Lymph Nodes: Normal size and firmness Neurological: No mentation, cranial nerve abnormalities are noted. There is a mild left front cp delay. There is mild hind limb ataxia at a walk. The left hind leg shows a cp delay, no delay is noted on the right hind leg.

SEX

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MAGNETIC RESONANCE IMAGING STUDY OF THE BRAIN & CERVICAL SPINE

T2, T1-plain, and T1-post contrast images of the brain and T1-weighted images of the cervical spine available for review.

MAGNETIC RESONANCE IMAGING FINDINGS

AGE

3 Years

Brain

A well delineated ovoid mass is seen within the hypothalamus to the right of the midline. The mass measures approximately 13mm in length and 9mm in diameter. The mass is completely embedded within the neuroparenchyma. No contact to the third ventricle or mesencephalic aqueduct is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Signal intensity is T2 hyperintense, weakly T1 hypointense, and there is strong uniform contrast enhancement within the lesion center. A very thin T2 and T1 hypointense rim appears to be present.

HOSPITAL NAME

Mountain West
Veterinary Hospital

Cervical Spine

The presentation of the cervical spine is within normal limits. All intervertebral discs are in situ. There is no evidence of compressive or other myelopathy.

REFERRING VET

Andrew Burton

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Intra-axial contrast enhancing mass within the right hypothalamus.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

47050

Based on the MRI features, the right hypothalamic mass is most likely representing intra-axial neoplasia. Germinoma, glioma, neuroblastoma, and round cell neoplasia are considered most likely. The findings are not compatible with a cyst owing to the strong contrast enhancement. Granuloma, secondary to meningoencephalitis, is thought very unlikely too based on the strong contrast enhancement. An acutely hemorrhagic lesion with ongoing hemorrhage in the lesion center such as a hemorrhagic infarct or tumor with vessel erosion and intralésional hemorrhage cannot be ruled out entirely.

DATE

8-19-21



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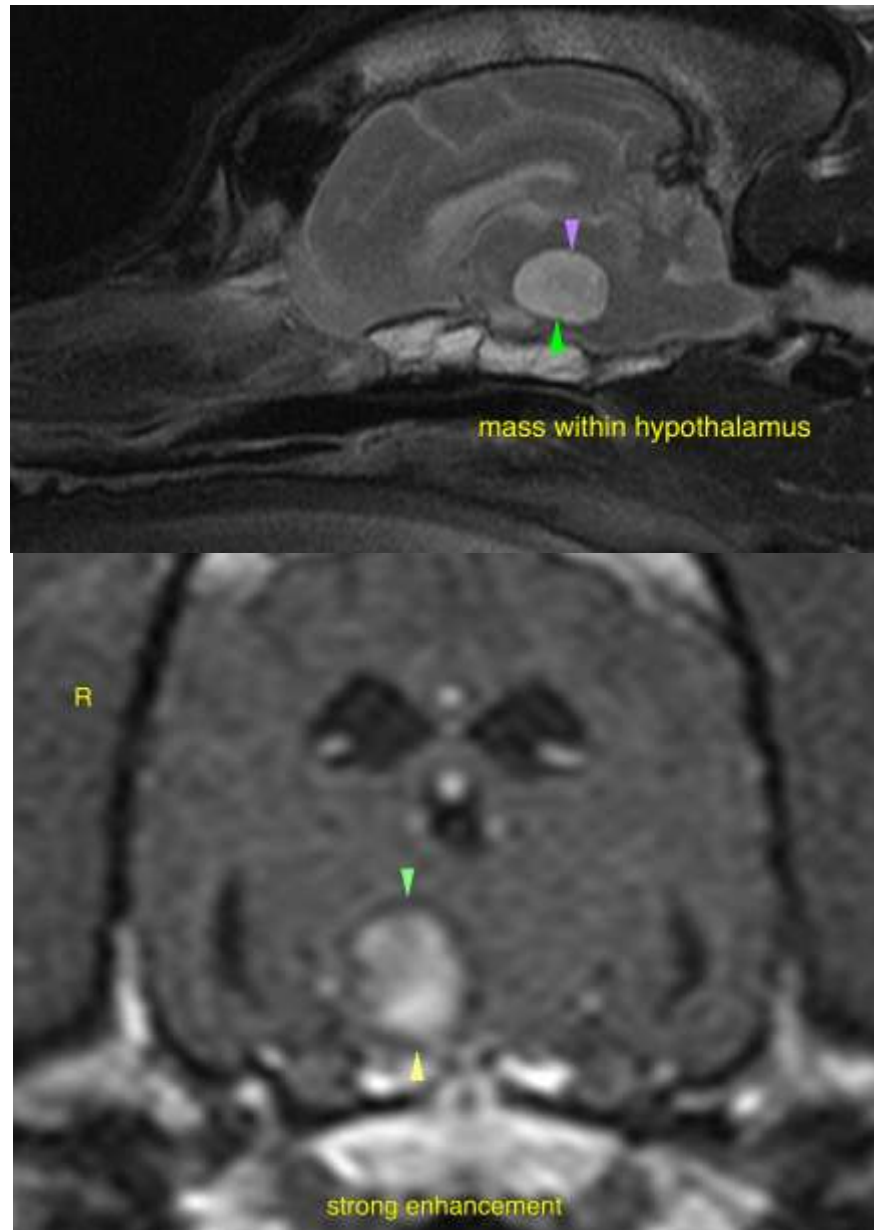
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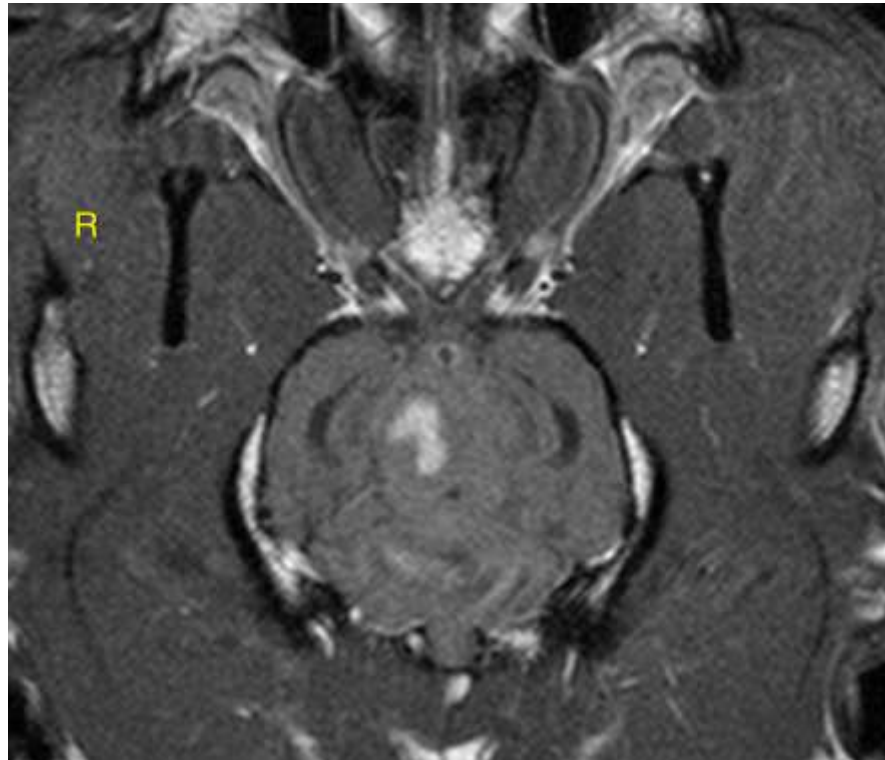
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Mountain West
Veterinary Hospital

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