



PATIENT PRESENTING CLINICAL SIGNS

Pyari Yap Pyari's first seizure occurred January 2023 at age 11 yrs. - has continued to have seizures since. In March started circling to the right and displaying left sided deficits. Treated with prednisone.

SPECIES MAGNETIC RESONANCE IMAGING OF THE SKULL

Canine T2 weighted, FLAIR, diffusion weighted, T1 pre- and post-gadolinium sequence in multiple imaging planes are provided for review.

MAGNETIC RESONANCE IMAGING FINDINGS

BREED

Mixed Breed Medium

The right temporal and right parietal lobe, predominantly the grey matter, present a diffuse hyperintense signal in T2 and FLAIR weighted images, hypointense in T1 weighted images. Following the gyri of the affected areas of the right cerebral hemisphere a curvilinear area of T1 hyperintense signal is seen. In the rostral aspect of the right parietal lobe, also including the right frontal lobe, a heterogeneous area presenting mixed T2 hyper- to hypointense regions - including the right caudate nucleus - are visible; in SWI multiple susceptibility artefacts are seen throughout the caudal aspect of the right parietal lobe and frontal lobe. In the diffusion weighted images, there is no evidence of restricted diffusion. Post contrast administration, mild increased contrast uptake by the leptomeninges along the right parietal/temporal lobe is seen as well as intraparenchymal ill-defined contrast enhancing areas level with the capsula interna.

SEX

FS

AGE

11 Years

The tympanic bullae are aerated, and the bony lining is thin.

Surrounding soft tissue structures in the head region are within normal limits.

INTERPRETED BY

MAGNETIC RESONANCE IMAGING DIAGNOSIS

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

- Chronic territorial infarct area of the right middle cerebral artery and likely acute 'hemorrhagic infarct' rostral aspect right parietal lobe/caudal aspect right frontal lobe

HOSPITAL NAME

Animal Health Partners

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI changes are consistent with a large territorial infarct of the area of the right middle cerebral artery and acute hemorrhagic infarction in the rostral aspect of the right parietal lobe/caudal aspect right frontal lobe. The T1 hyperintense line following the gyri is suggestive for secondary cortical laminar necrosis. The appreciated changes are atypical for neoplastic or inflammatory brain disease.

REFERRING VET

Dr. Alison Little

Check for possible underlying hypercoagulable state (e.g. hyperadrenocorticism, immune mediated disease) ± systemic hypertension.

INVOICE

57419

DATE

3-23-23



PATIENT

Pyari Yap

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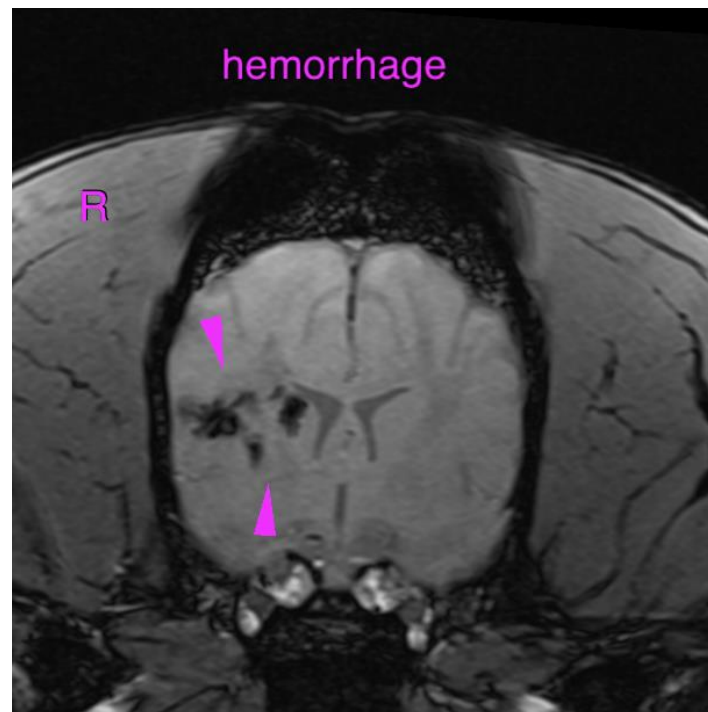
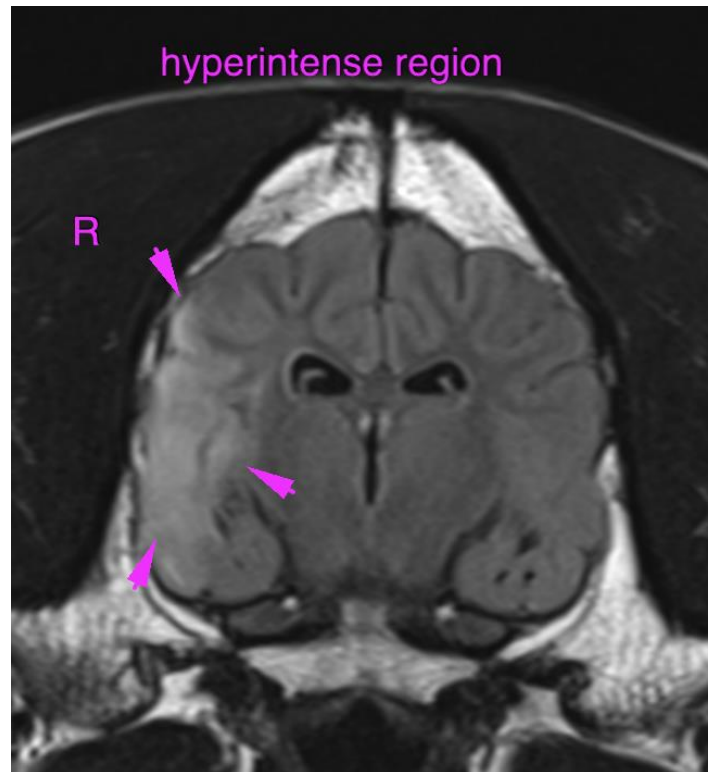
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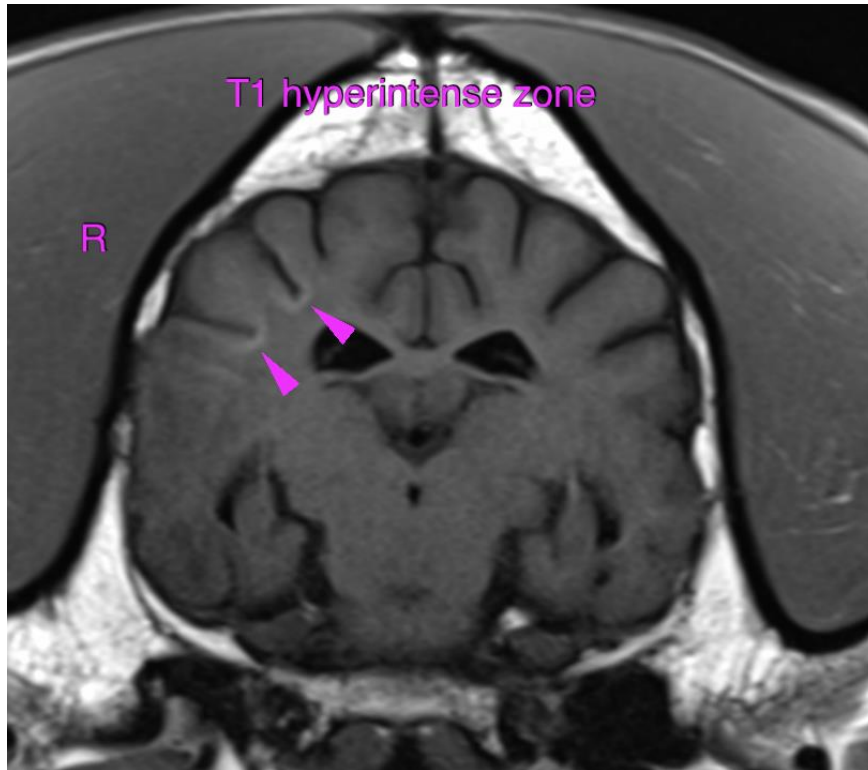
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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