

**PATIENT**

Chanel Zamora

SPECIES

Canine

BREED

Maltese

SEX

FS

AGE

15 Years, 9 Months

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI**HOSPITAL NAME**South Bay Animal
Hospital**REFERRING VET**Ravinder Atwal, DVM,
CCRP**INVOICE**

49147

DATE

12-20-21

PRESENTING CLINICAL SIGNS

Patient had 4 seizures at home starting at 9pm, each one was around 10-15 seconds and 5-10 minutes apart. Patient had 3 seizures in parking lot around 15 seconds each (2 minutes apart). Thoracic and abdominal survey radiographs NSF. Rule out intracranial mass, MUE, other neoplasia, vascular event less likely.

Abnormal PE/Chem/CBC/UA Results: Labwork shows mild to moderate elevation of liver enzymes, borderline azotemia and slight hypokalemia

MAGNETIC RESONANCE IMAGING STUDY OF THE BRAIN

T2, T2-star, FLAIR, T1-plain and post contrast studies, and diffusion weighted available for review.

MAGNETIC RESONANCE IMAGING FINDINGS

Moderate generalized atrophy of the neuroparenchyma is seen.

The interthalamic adhesion is 4mm in height and presents focal T2 hyperintensity.

Mild bilaterally symmetric periventricular hyperintensity is seen on FLAIR and T2-weighted images. No evidence of pathologic contrast enhancement is seen.

Multifocally distributed focal areas of signal void are seen randomly throughout both cerebral hemispheres on the T2 star weighted sequence.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Suspect multifocal cerebral microbleeds.
- Generalized brain atrophy - presumably age related.
- Periventricular hyperintensity compatible with leukoaraiosis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MRI findings are highly suggestive for multiple cerebral microbleeds which may be the underlying cause of the recent seizure activity. Moreover, there is generalized brain atrophy which appears to be still within age related normal limits. However, the reduced height of the interthalamic adhesion is borderline and may be concurred by cognitive dysfunction. The same applies to the presumed leukoaraiosis which is typically associated with reduced density of the white matter of the brain and may be accompanied by cognitive deficits as well.



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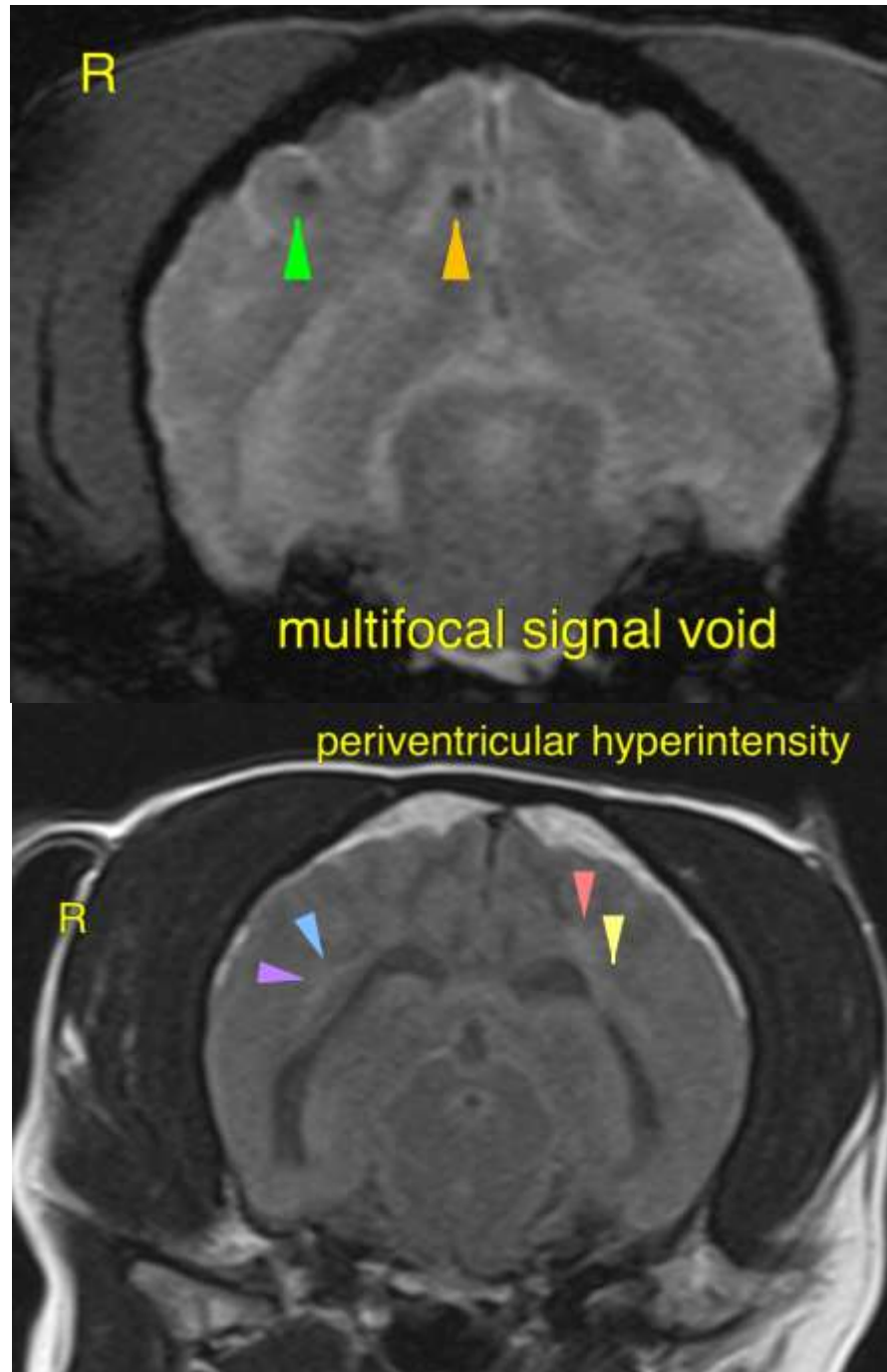
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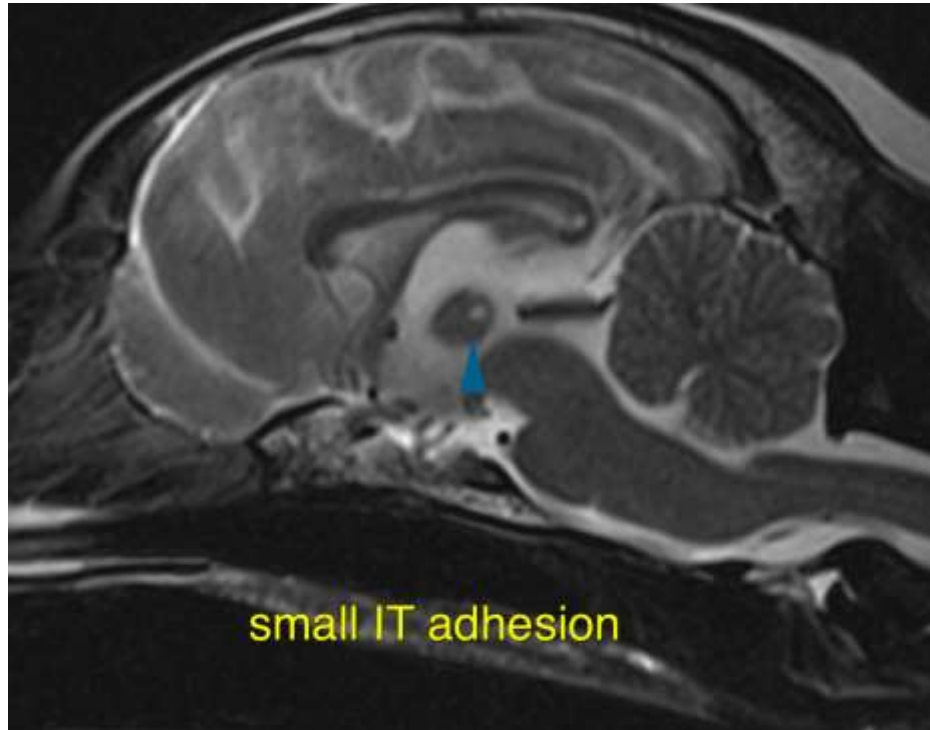
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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Hospital

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