



**PATIENT PRESENTING CLINICAL SIGNS**

Gemma Calvey History: Presented 09/26 for first episode of cluster seizures  
Abnormal PE/Chem/CBC/UA Results:

**SPECIES MAGNETIC RESONANCE IMAGING OF THE SKULL**

Canine T2 weighted, FLAIR, T1 pre- and post-gadolinium sequence in multiple plane ares provided for review.

**MAGNETIC RESONANCE IMAGING FINDINGS**

**BREED**

Boxer

The left piriform, extending up into the parietal lobe are T2 and FLAIR moderate to marked hyperintense and T1 hypointense with mild ill-defined margins. The volume of the left piriform lobe is mild to moderately increased and a mild midline shift of the brain to the right is visible. Post contrast administration no contrast enhancement is appreciated.

**SEX**

Intact Female

**MAGNETIC RESONANCE IMAGING DIAGNOSIS**

- Intracranial intraaxial non-contrast enhancing T2 and FLAIR hyperintense lesion left piriform lobe

**AGE**

7 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Due to the only mild mass effect and acute onset of clinical signs the first diagnosis is territorial acute ischemic infarction of the piriform/temporal lobe (supplied by the middle cerebral artery). However, a non-contrast enhancing glioma or round cell neoplasia cannot be ruled out entirely. Consider complementing workup by a CSF tap. Based on the clinical development of the dog, a follow up MRI study in 3 -4 weeks may help to differentiate between the entities. If possible diffusion weighted imaging of the brain can help to differentiate between acute infarction or other lesions as well.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Mountain West VH

**REFERRING VET**

Dr. Melanie  
Thompson

**INVOICE**

13435

**DATE**

10/1/21



**PATIENT**

Gemma Calvey

**SPECIES**

Canine

**BREED**

Boxer

**SEX**

Intact Female

**AGE**

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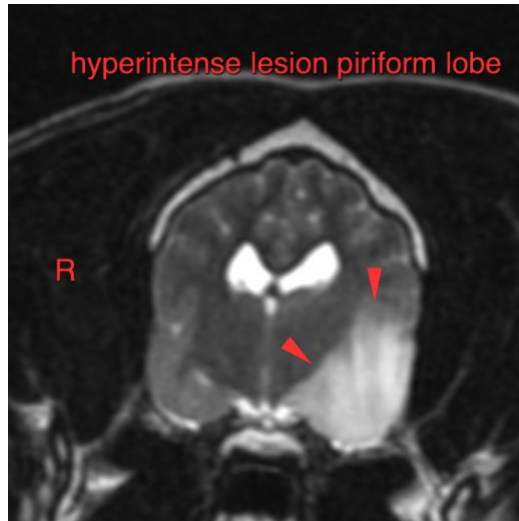
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**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

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