



PATIENT PRESENTING CLINICAL SIGNS

Sofi Gronowski Frequent seizures (almost every other night) started earlier in the year. Appear to be complex focal seizures. otherwise normal. Is there an abnormal hyperintensity dorsal to the trachea? Mentation: Bright, alert and responsive. Cranial nerve exam: Intermittent menace response OD. Remainder of cranial nerves within normal limits. Gait/posture: Ambulatory with no ataxia (see above gait description) Postural reactions: Proprioceptive positioning and hopping were normal in all limbs. Spinal reflexes: Normal. Sensory/nociception: No hyperesthesia elicited with palpation along the vertebral column. Sensation is intact. CSF within normal limits

SPECIES

Canine

BREED

Chihuahua X

MAGNETIC RESONANCE IMAGING OF THE SKULL

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

MAGNETIC RESONANCE IMAGING FINDINGS

SEX

FS

The brain presents the expected anatomy and bilateral symmetry with normal signal intensity and contrast enhancement. There is no evidence of abnormal meningeal enhancement.

The ventricular system presents the expected dimensions, morphology and the CSF signal is within normal limits in all sequences.

AGE

12 Years

The right tympanic bulla is filled with T2 hyperintense, Flair mild hyperintense and T1 hypointense material. The wall of the external ear canals is thickened, L>R, measuring up to 3 mm in width. Post contrast administration, the epithelial lining of the right tympanic bulla is thickened.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The temporal musculature presents multiple zones interspersed with fat. Post contrast administration, the temporal musculature has a diffuse contrast enhancement pattern.

The included parts of the dentition present evidence of advanced periodontal disease.

The soft palate is thickened and elongated.

HOSPITAL NAME

Animal Health
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In both eyes, a contrast enhancing thin lamella is paralleling the posterior surface of the eye.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

REFERRING VET

Dr. Alison Little

- Suspect bilateral retinal detachment
- Diffuse mild heterogeneous contrast enhancement pattern temporal muscle
- Right sided otitis media
- Bilateral otitis externa, L>>R
- Thickened and elongated soft palate
- Periodontal disease

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the present study of the brain there is no evidence of macromorphological disease, which supports the presumptive diagnosis of idiopathic/cryptogenic epilepsy.

DATE

4-21-23

The appreciated muscular changes might be a sequela to seizure activity, myositis – infectious versus immune mediated is a consideration. The clinical relevance of the finding is unclear.

The reduced menace response might be explained by the supposed retinal detachment – recommend



PATIENT ophthalmoscopic examination.

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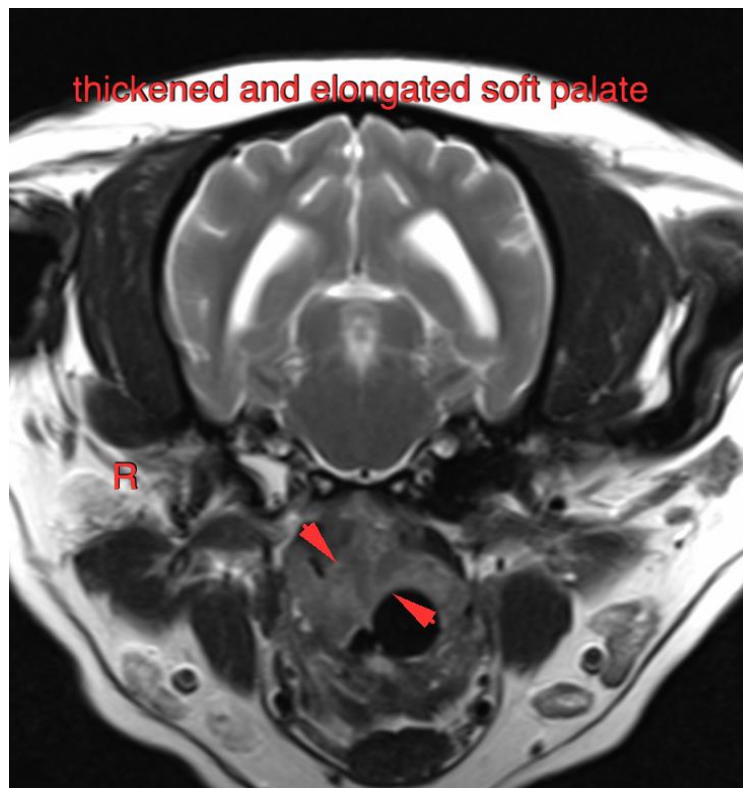
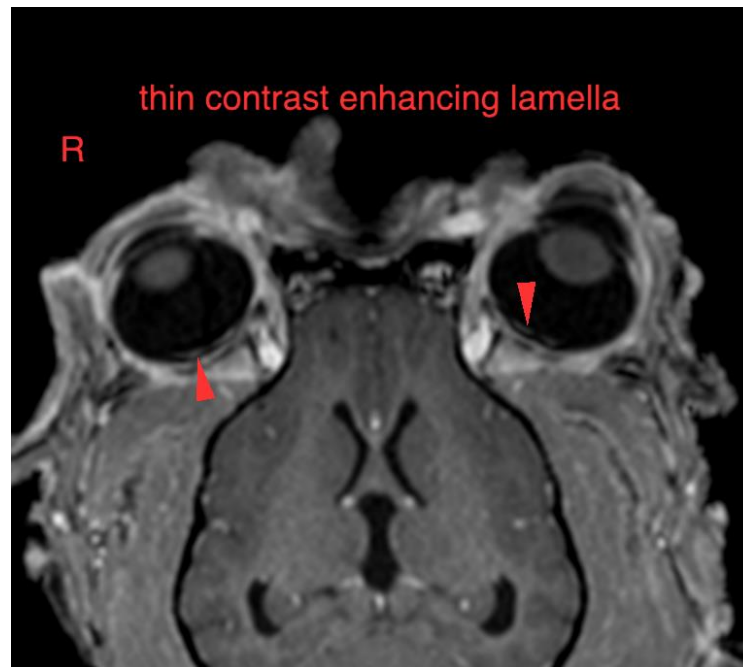
Dr. Alison Little

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PATIENT

Sofi Gronowski

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.

SPECIES

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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

Chihuahua X

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