



PATIENT PRESENTING CLINICAL SIGNS

Theo Harden since nov has had episodes of head bobbing. Episodes can last up to a few hours. Head bobs up and down and is tetraparetic during the events. Side to side sway. r/o abnormal focal seizure activity v vestibular events. Neurological examination: Mentation: Bright, alert and responsive. Cranial nerve exam: Intermittent menace response OU. Remainder of cranial nerves within normal limits. Gait/posture: Ambulatory with no ataxia or paresis. 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 wnl Does the AA joint look abnormal?

SPECIES

Canine

BREED

MAGNETIC RESONANCE IMAGING OF THE SKULL

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

SEX

MN

MAGNETIC RESONANCE IMAGING FINDINGS

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

A persistent thin craniopharyngeal canal is appreciated.

AGE

1 Year

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

INTERPRETED BY

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

Incomplete ossification of the ventral arch of C1 is seen. Dorsal kinking of the odontoid peg is seen, with segmental mild dorsal deviation of the spinal cord at the same level.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

HOSPITAL NAME

Animal Health Partners

- Dorsal kinking odontoid peg
- Incomplete ossification ventral arch C1 – incidental
- Normal brain
- Persistent craniopharyngeal canal

REFERRING VET

Dr. Alison Little

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The clinical relevance of the dorsal kinking of the odontoid peg is unclear, the distance between the spinous process of C2 and the dorsal arch of C1 is maintained normal and the spinal cord at the same level presents no sign for intramedullary edema or gliosis indicating chronic instability of the atlantoaxial junction.

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No macromorphological abnormality can be specified explaining the described neurological clinical signs.

DATE

4-21-23



PATIENT

Theo Harden

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French Bulldog

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INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

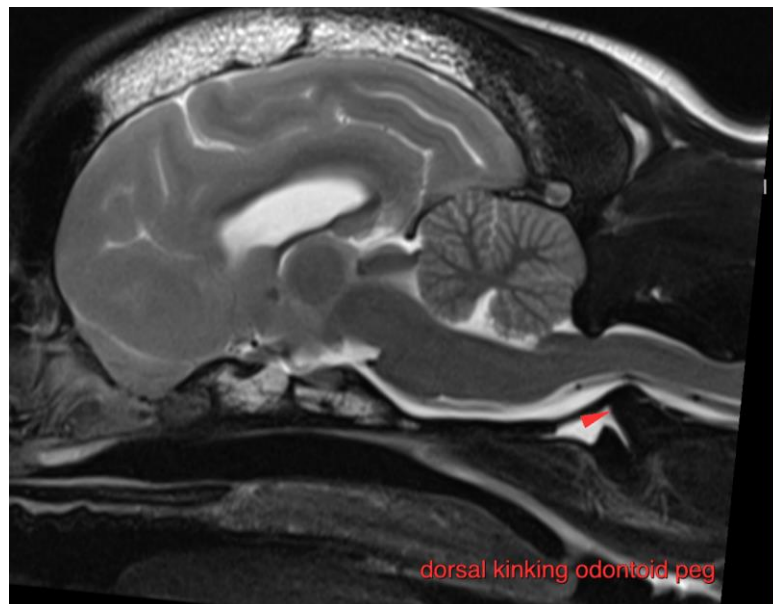
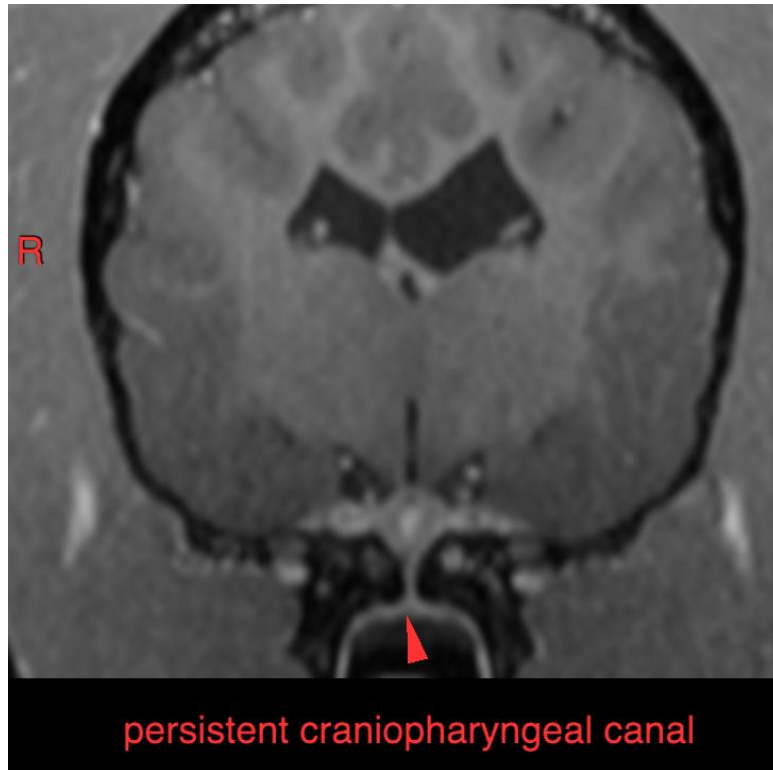
Dr. Alison Little

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PATIENT 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.

Theo Harden

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.

SPECIES

Canine

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French Bulldog

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