



PATIENT

Rota Wright

PRESENTING CLINICAL SIGNS

Paresis, blind, difficulty rising, abnormal mentation, ataxic, patient present in obtunded condition, lethargic, tetraplegic and neck tilt to left side (unable to hold head). Neurological exam : negative menace ~OU, CP deficits on all 4 limbs (front worse then hind), unresponsive to commands. Has small open frontal fontanel.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Increased RBC $8.92 \times 10^{12}/L$ Decreased Amyl 383 U/L

BREED

Yorkshire Terrier

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

SEX

FI

COMPUTED TOMOGRAPHIC FINDINGS

A severe brachycephalic head conformation with shortened facial bones and dome shaped calvarium as well as open fontanelle is noted.

AGE

3 Years

Moderate bilateral ventriculomegaly as well as third ventriculomegaly are noted.

A cyst like formation is seen within the caudal fossa compressing the cerebellum. The cyst like lesion occupies approximately 60% of the volume of the caudal fossa. No abnormal parenchymal attenuation or enhancement is seen.

There is atlantooccipital overlapping and medullary kinking.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Brachycephaly with moderate ventriculomegaly and supracollicular fluid accumulation / quadrigeminal cyst compressing the cerebellum.

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a typical brachycephalic head conformation. Moderate bilateral and third ventriculomegaly of the brain is noted. Moreover, there is a large quadrigeminal cyst/ supracollicular fluid accumulation which does cause deviation and compression of the cerebellum and can be associated with cerebellar ataxia, intention tremor, and other cerebellar signs. This however does not appear to explain all the clinical signs mentioned in the history of the patient and concurrent diseases such as inflammatory/infectious (leukoencephalitis or other meningoencephalitis of undetermined origin) should be ruled out by means of csf analysis if possible.

REFERRING VET

Dr. S. Bhandari

The mass effect of the cyst like lesion on the occipital cortices appears to be mild at this point.

INVOICE

56062

DATE

1-9-23



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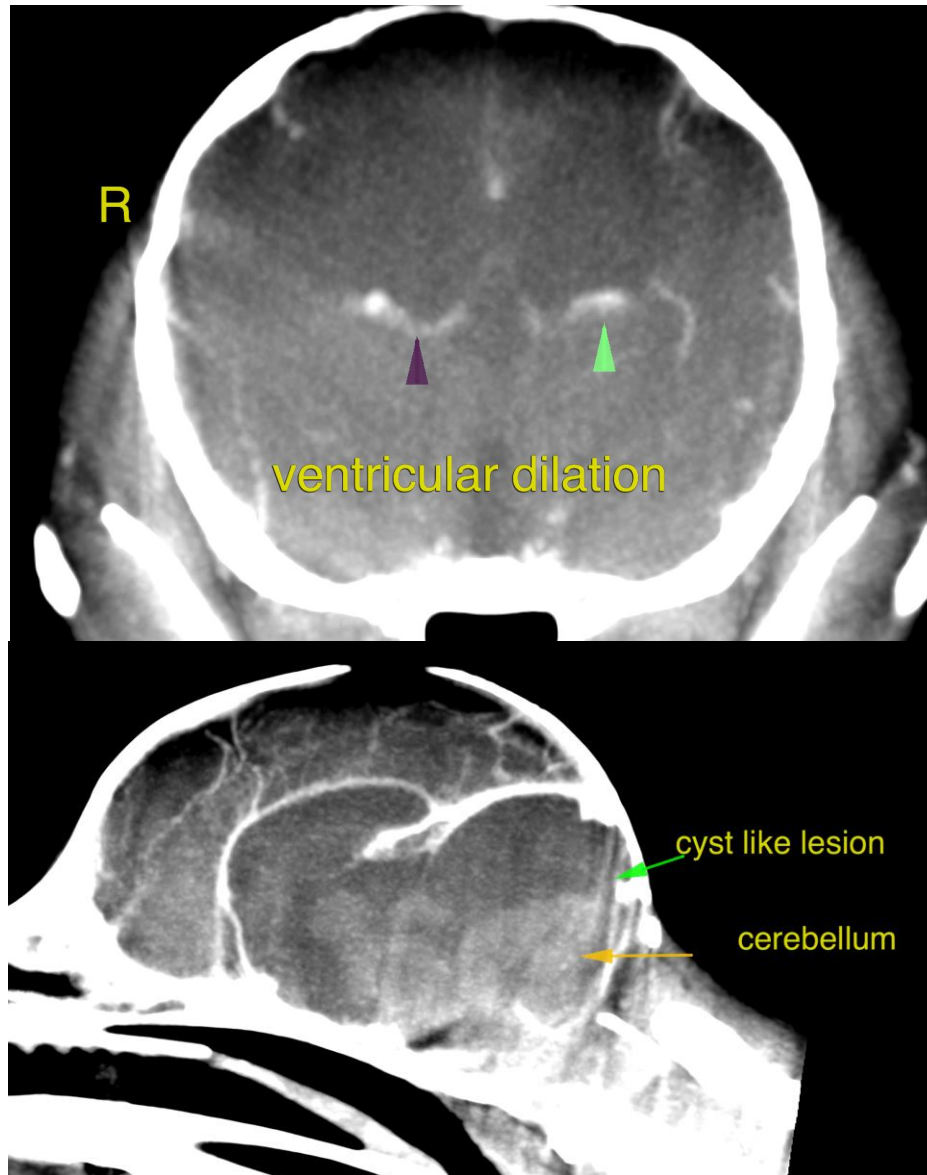
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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