



PATIENT PRESENTING CLINICAL SIGNS

Gracie Timko Sudden onset blindness 2-3 days ago. 2 grand mal seizures on April 19th. Previously normal/healthy. Abnormal PE/Chem/CBC/UA Results: NSF on PE beside blindness. CBC + chem WNL

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine A pre and post-contrast high-resolution CT study of the head is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Border Collie A multifocal intracranial amorphous mass effect lesion with moderate enhancement and variable internal polycystic characteristics with more enhanced borders is seen within the olfactory bulb region, cerebellopontine region, and basilar region that correlates to the topographic portion of the thalamus and subthalamus. The mass effect in the olfactory bulb measures approximately 1.0cm x 0.6cm x 0.3cm, the cerebellopontine region mass effect measures approximately 1.4cm x 1.3cm x 0.8cm, and the mass effect within the basilar region measures approximately 1.9cm x 1.7cm x 1.4cm.

SEX

FS

The optic nerve sheaths are subjectively thickened. The retrobulbar spaces and globes are normal.

AGE

9 Years, 4 Months

The frontal sinuses are normal.

The bulla, pharynx, and larynx are normal.

The cribriform plate is normal.

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The temporomandibular joints are bilaterally congruent.

All teeth are present and normal.

The right retropharyngeal lymph node is mildly enlarged, however, presents a normal contrast enhancement pattern. The left retropharyngeal lymph node is normal.

The mandibular lymph nodes are normal.

HOSPITAL NAME

Bridgwater Veterinary Hospital and Wellness Centre

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multifocal, multicentric mass effects are seen intracranially, with variable broad base and cystic characteristics. The differential diagnosis includes neoplasm process such as multiple meningioma, round cell neoplasia or other neoplastic types or metastatic lesions.
- Subjective sign of the optic nerve sheath swelling, the differential diagnosis includes neuritis, or shows indirect sign of increased intracranial pressure, however, ventriculomegaly is not identified.
- Mild right-side lymphadenitis, reactive or metastatic.

REFERRING VET

Dr. P. Mander

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

57906

The multifocal and multicentric intracranial mass effects correlate with the presented neurological clinical signs and acute blindness. One of the mass effects is seen in the basilar brain region, which is the topographic region of the optic tract. The main differential diagnosis due to the lesion aspects is multiple meningiomas; however, other neoplastic lesions or even metastatic disease could be considered.

DATE

4-20-23



PATIENT

Gracie Timko

SPECIES

Canine

BREED

Border Collie

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REFERRING VET

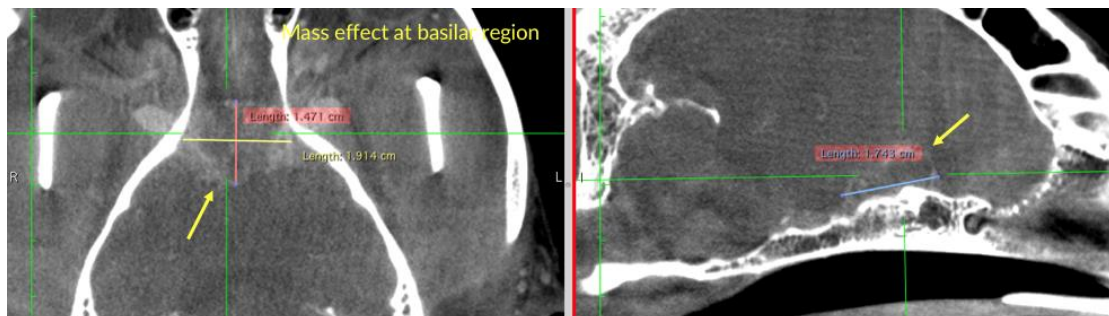
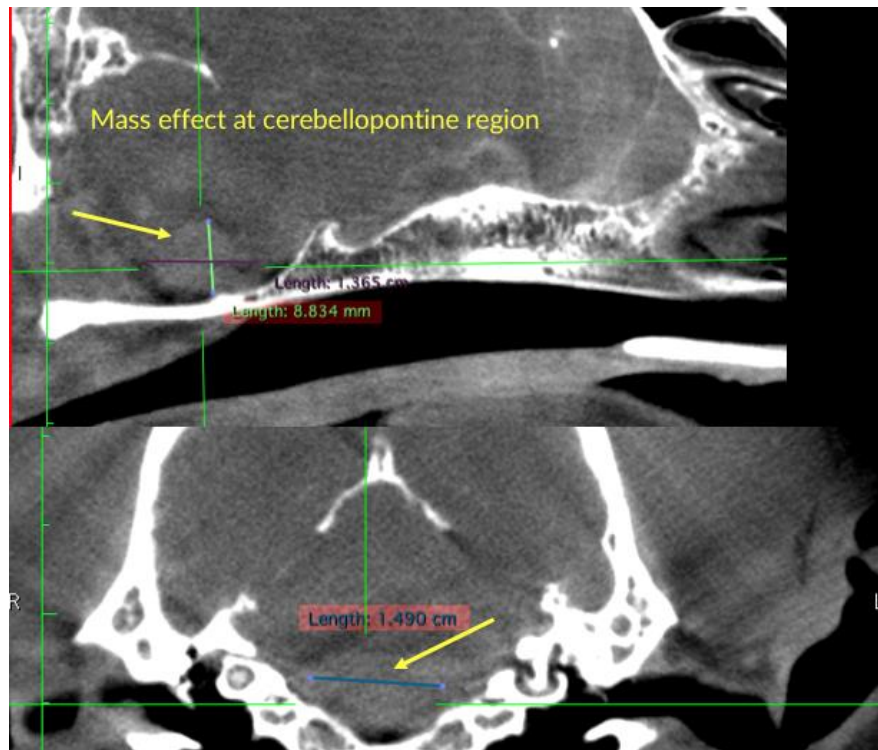
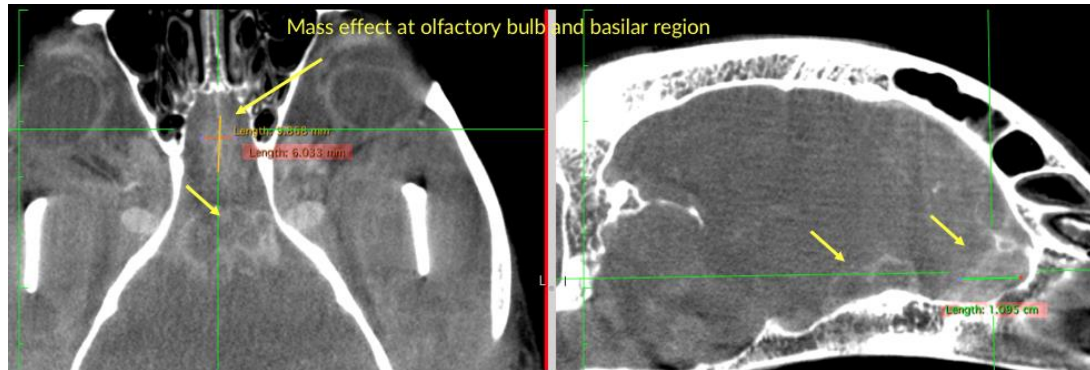
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

Border Collie

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