



**PATIENT**

Downy Zapata

**PRESENTING CLINICAL SIGNS**

Referral for full body CT Scan due to seizures suspected to be secondary to neoplastic disease. Abnormal PE/Chem/CBC/UA Results: CBC --- red blood cells increased CHEM --- unremarkable

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, CERVICAL, THORACIC, & LUMBAR SPINE**

Plain and post contrast studies available for review.

**BREED**

Mixed Medium Breed

**COMPUTED TOMOGRAPHIC FINDINGS**

**Head**

**SEX**

NM

An ovoid intraaxial mass is seen within the left frontal lobe of the cerebrum. The mass measures approximately 2.0 cm in length, 2.0 cm in height, and 1.5 cm in width. Moderate mass effect with rightward shift of the rostral cerebral midline is noted. The mass presents irregular peripheral rim enhancement.

**AGE**

12 Years

The left masticatory muscle appear to be reduced in volume which may be due to the positioning in dorsally recumbent position.

No evidence of a mass is identified level with the trigeminal nerves.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**Spine**

Number, alignment, and anatomy of the cervical vertebrae present within normal limits.

Mild T3/4 spondylosis deformans is noted.

**HOSPITAL NAME**

Veterinary Image  
Center

There are moderate intervertebral disc protrusions between L2/3, L4/5, L5/6, L6/7, and L7/S1.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Single ring enhancing intraaxial cerebral mass within the left frontal lobe.
- Moderate chronic intervertebral disc protrusions within the mid and caudal lumbar spine as well as at the lumbosacral junction.

**REFERRING VET**

Dr. L. Brito, DVM

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

51340

The CT study reveals an intraaxial left frontal lobe mass. The findings are highly suggestive for intraaxial neoplasia such as glioma (astrocytoma, oligodendroglioma) versus round cell neoplasia. Abscess, granuloma, and hematoma can never be ruled out entirely but are thought by far less likely.

**DATE**

4-4-22



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**REFERRING VET**

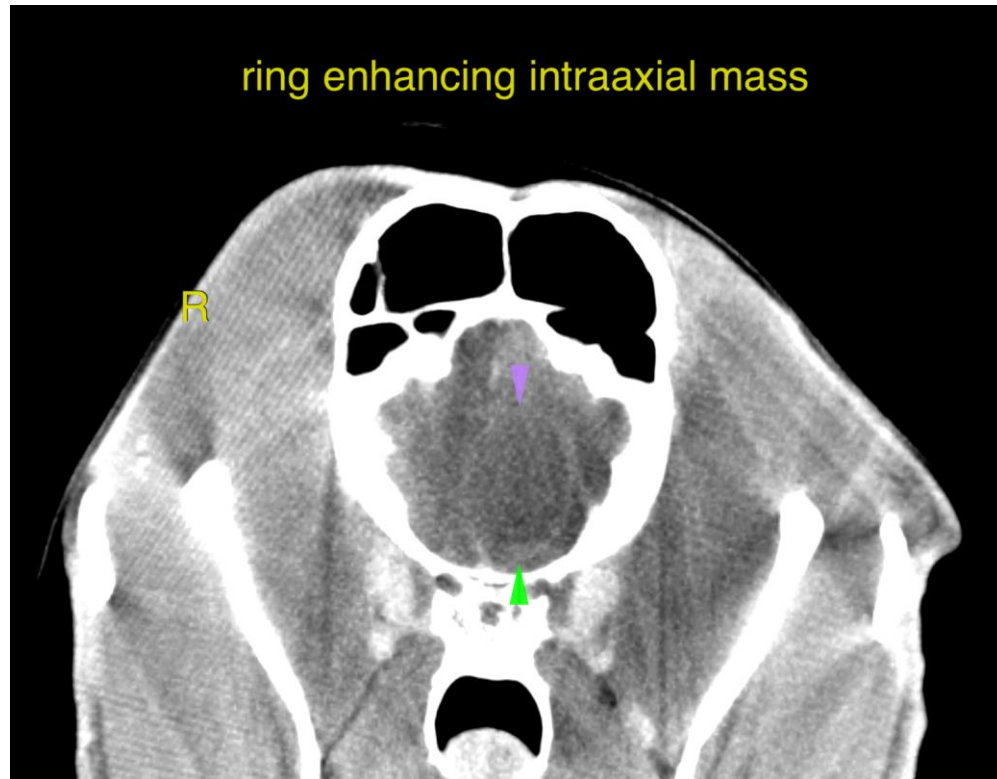
Dr. L. Brito, DVM

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ring enhancing intraaxial mass

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.

**Nele Eley, DVM, Dr. med. vet., DipECVDI**  
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