

**PATIENT PRESENTING CLINICAL SIGNS**

Lily Machado Neurologic, suspect brain lesion

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**SPECIES**

Canine

Plain and post contrast studies available for review.

**BREED**

Boston Terrier

**COMPUTED TOMOGRAPHIC FINDINGS**

The CT study reveals a right sided intraaxial mass of the brain within the frontal lobe of the right cerebral hemisphere. The mass measures approximately 17mm in length, 9mm in width, and 16mm in height. Strong uniform contrast enhancement is noted on the post-contrast study. There appears to be regional perilesional edema with decreased attenuation of the surrounding parenchyma. Mild mass effect with leftward shift of the rostral cerebral midline is noted. There is mild generalized enlargement of the ventricular system.

**SEX**

Spayed Female

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Intraaxial neoplasia within the right frontal lobe.

**AGE INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

7 Years

The CT findings are compatible with an intraaxial neoplasia within the frontal lobe of the right cerebral hemisphere. The findings are not typical for an inflammatory/infectious lesion. Glial cell tumor such as astrocytoma or oligodendroglioma is a primary differential diagnosis. Round cell neoplasia would be a theoretical potential too, however, Boston terriers are predisposed for glioma which they can develop at a relatively early age.

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

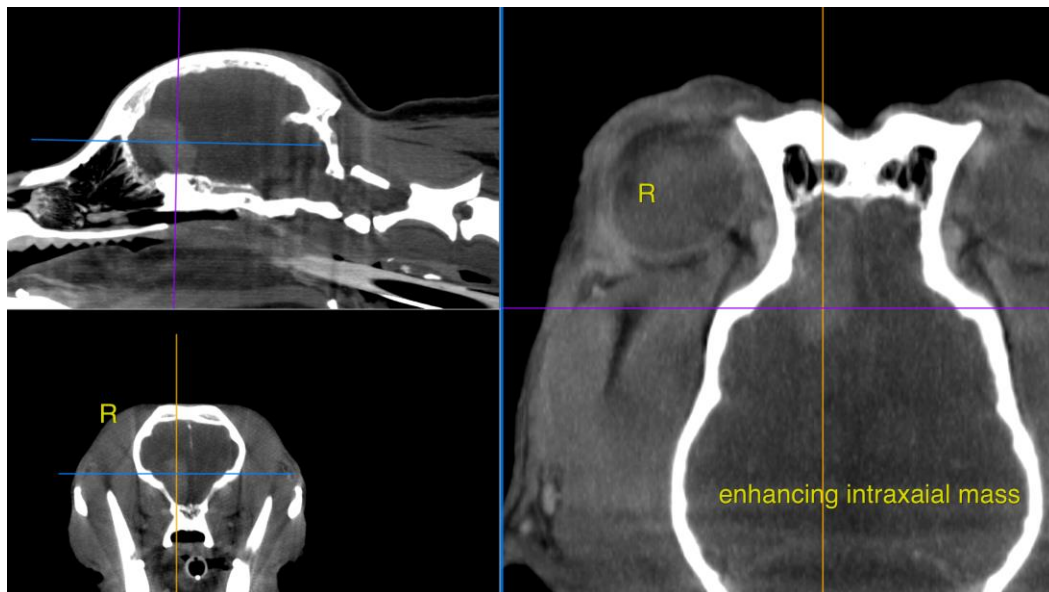
Meaux

**INVOICE**

53226

**DATE**

8-2-22





**PATIENT**

Lily Machado

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**

Boston Terrier

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.  
Nele.Eley@sonopath.com

**SEX**

Spayed Female

**AGE**

7 Years

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