



**PATIENT**

Dash Patel

**PRESENTING CLINICAL SIGNS**

Seizure activity, hx of pneumonia and neck pain  
Abnormal PE/Chem/CBC/UA Results: MPV 14.9, Plateletcrit 0.55,

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & NECK**

Plain and post contrast studies available for review.

**BREED**

Boston Terrier

**COMPUTED TOMOGRAPHIC FINDINGS**

An approximately 2 x 1.3 x 1.6 cm sized ill-defined intraaxial contrast enhancing mass is seen within the right frontal lobe of the brain. Cerebral midline shift towards the left side is noted. The mass appears to blend into the surrounding neuroparenchymal tissue of the right frontal lobe. The contrast enhancement is nonuniform with peripheral accentuation. No meningeal involvement is seen.

**SEX**

MN

The regional lymph nodes present within normal limits.

**AGE**

1 Year

The patient has a brachycephalic head conformation with shortened facial bones and dome shaped calvarium. Bilateral retrograde elongation of the nasal turbinates is noted.

Supernumerous teeth are seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The isthmus of the thyroid gland is well seen and there is ectopic thyroid tissue on the right hand side.

Number, alignment, and general anatomy of the cervical vertebrae and the craniocervical junction present within age and breed related normal limits.

**HOSPITAL NAME**

Rockaway Animal  
Hospital

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Intraaxial neoplasia within the right frontal lobe of the brain.

**REFERRING VET**

Dr. Maniar

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals an intraaxial intracranial mass within the right frontal lobe of the brain. Glial cell derived tumor such as astrocytoma or oligodendroglioma is a primary differential diagnosis especially in this breed. Other intraaxial neoplasia such as round cell neoplasia, metastases, and hemangioma cannot be ruled out entirely but is thought by far less likely. The findings are not compatible with an abscess or granuloma.

**INVOICE**

56346

**DATE**

1-24-23



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**SPECIES**

Canine

**BREED**

Boston Terrier

**SEX**

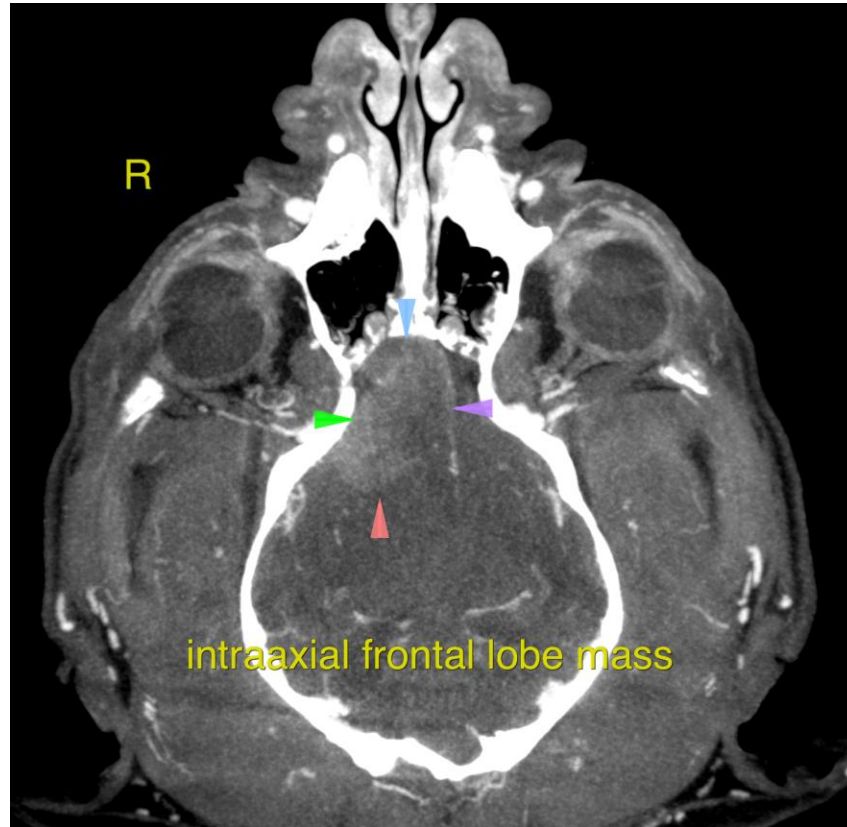
MN

**AGE**

1 Year

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI



intraaxial frontal lobe mass

**HOSPITAL NAME**

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**REFERRING VET**

Dr. Maniar

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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.

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