



## PATIENT PRESENTING CLINICAL SIGNS

Pee Wee Brown Born Feb 2025 with cleft palate and lip, open fontanelle still present in March 2025, heart murmur 4/5 present in July 2025, Became ataxic in August, Seizures started in January 2026

## SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Canine Plain and post contrast studies are available for review.

## COMPUTED TOMOGRAPHIC FINDINGS

### BREED

Boston Terrier

Overall brain parenchyma is normal in morphology and attenuation. Mild enlargement of the lateral and third ventricles with no direct signs of elevated intracranial pressure is seen. Structural neuroparenchyma abnormality is not noted.

### SEX

The skull conformation is typical for a brachycephalic dog. A small open fontanelle remains visible which usually is an incidental finding.

M

Bilateral bulla effusion is noted.

### AGE

11mo

The nasopharynx is narrow; the soft palate appears long and thick.

A left-sided cleft palate and cleft upper lip is seen.

## INTERPRETED BY

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

There is a supernumerary left upper canine tooth present. Mild periodontal space widening of the teeth 203 and 204 is noted.

Mild bilateral submandibular and retropharyngeal lymphadenomegaly is noted.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

## HOSPITAL NAME

Green Prairie AH

- Congenital craniofacial abnormalities in conjunction with breed related brachycephaly: cleft palate, cleft lip, open fontanelle, supernumerary tooth.
- Mild ventriculomegaly without overt hydrocephalus and no evidence of structural neuroparenchyma disease.
- Bilateral bulla effusion likely secondary to brachycephaly.
- Airway narrowing due to long and thick soft palate and narrow nasopharynx which may exacerbate respiratory compromise.
- Mild regional lymphadenomegaly -likely reactive

## REFERRING VET

Dr. Lisa Kirby-Pekin  
Veterinary Clinic

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

## INVOICE

23790

The ventricular enlargement is mild and currently shows no acute pressure effects. However, the combination of congenital craniofacial malformations may predispose the patient to altered CSF flow dynamics.

## DATE

02/04/2026

Bulla effusion is compatible with primary secretory otitis media in brachycephalic dogs and may contribute to vestibular signs such as ataxia and potentially predisposed to recurrent otitis media.



## PATIENT

Pee Wee Brown

The seizures in this patient could be congenital in origin structural neuroparenchyma damages not noted on CT. Complementary CSF analysis could be considered if not performed already. MRI could be performed if neurologic signs persist or progress. Consider myringotomy or bulla flush to reduce effusion should this be considered clinically relevant.

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

M

## AGE

11mo

## INTERPRETED BY

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

## HOSPITAL NAME

Green Prairie AH

## REFERRING VET

Dr. Lisa Kirby-Pekin  
Veterinary Clinic

## INVOICE

23790

## DATE

02/04/2026



## PATIENT

Pee Wee Brown

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

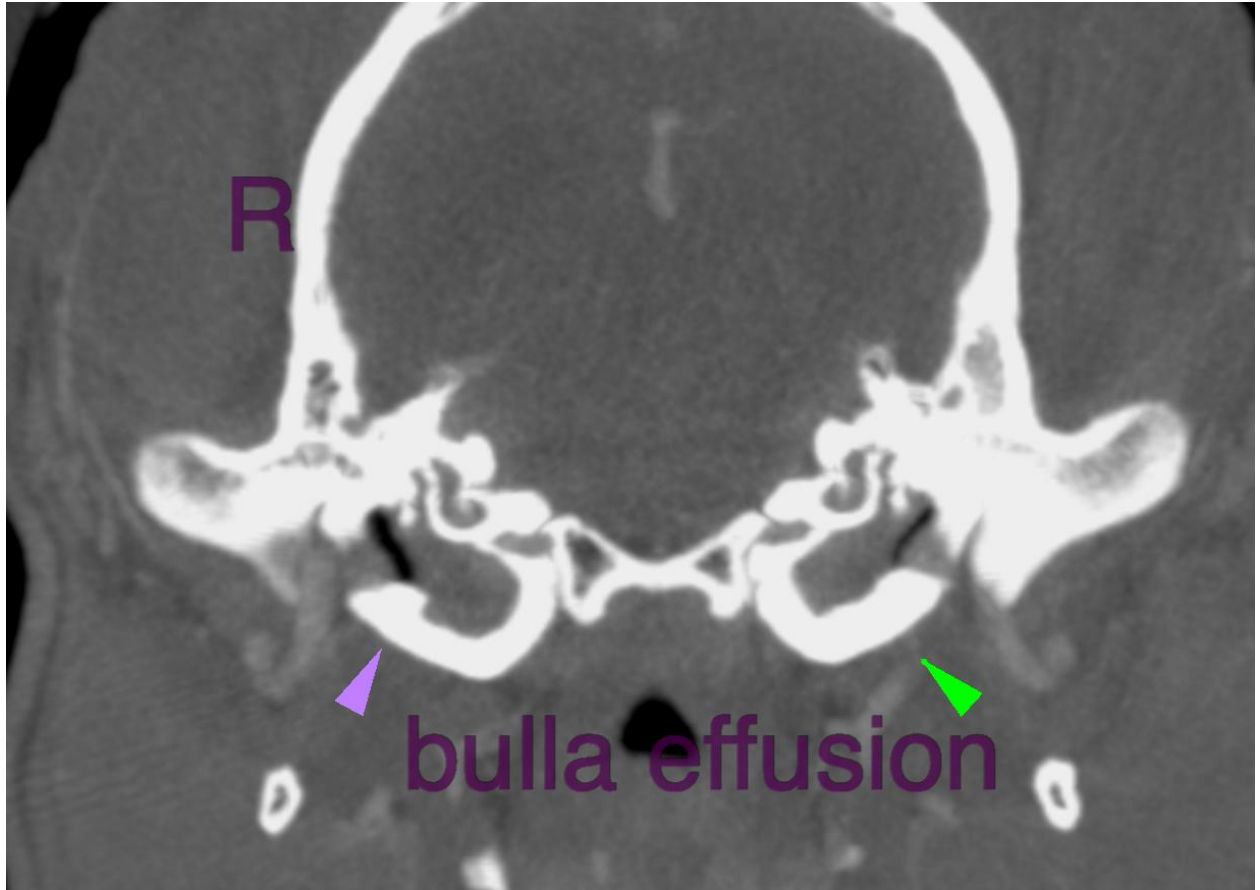
M

## AGE

11mo

## INTERPRETED BY

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



## HOSPITAL NAME

Green Prairie AH

## REFERRING VET

Dr. Lisa Kirby-Pekin  
Veterinary Clinic

## INVOICE

23790

## DATE

02/04/2026



## PATIENT

Pee Wee Brown

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

M

## AGE

11mo

## INTERPRETED BY

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

## HOSPITAL NAME

Green Prairie AH

## REFERRING VET

Dr. Lisa Kirby-Pekin  
Veterinary Clinic

## INVOICE

23790

## DATE

02/04/2026





## PATIENT

Pee Wee Brown

## SPECIES

Canine

## BREED

Boston Terrier

## SEX

M

## AGE

11mo

## INTERPRETED BY

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

## HOSPITAL NAME

Green Prairie AH

## REFERRING VET

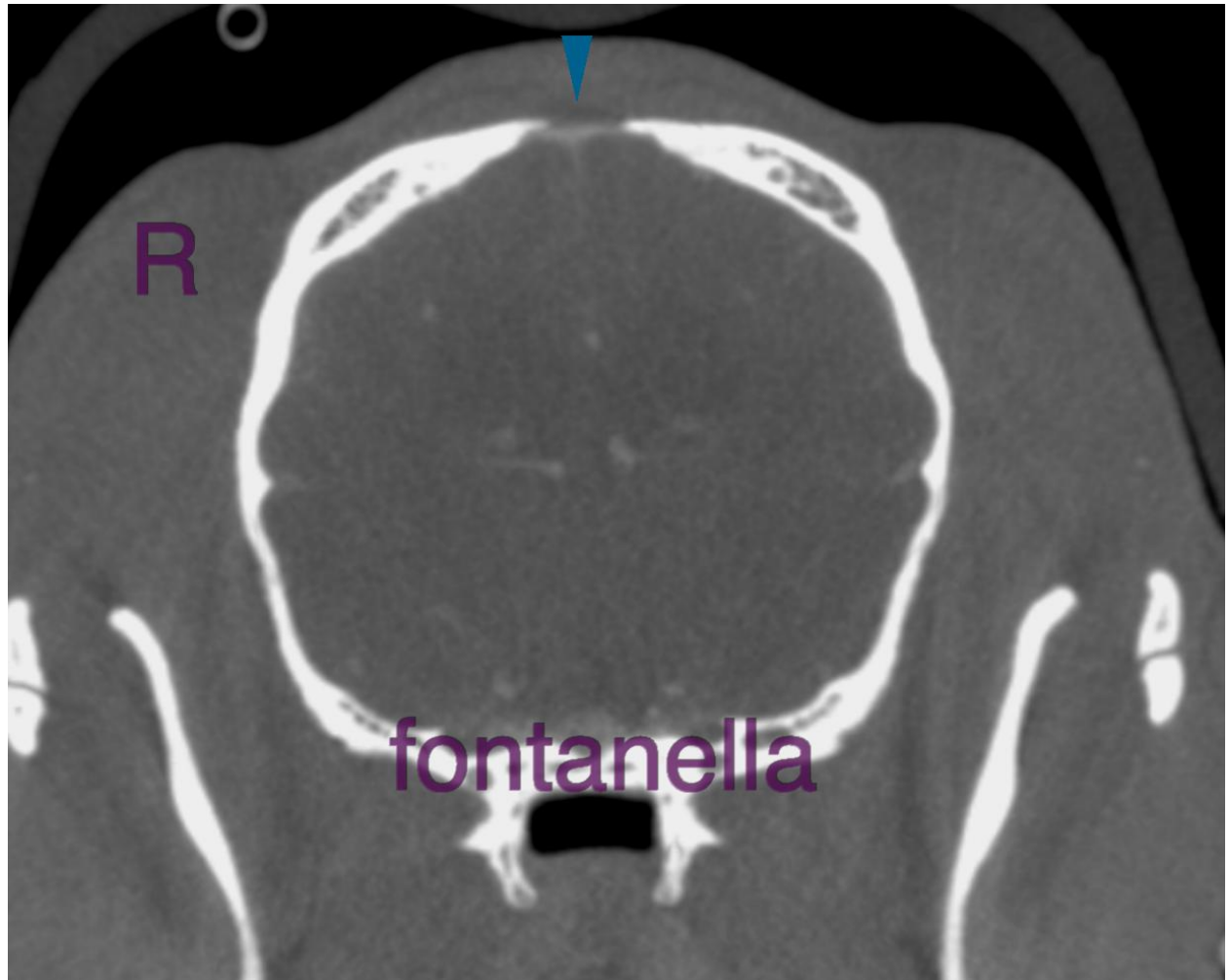
Dr. Lisa Kirby-Pekin  
Veterinary Clinic

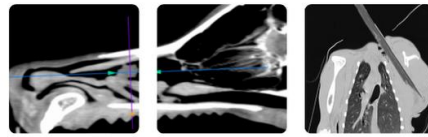
## INVOICE

23790

## DATE

02/04/2026





## PATIENT

Pee Wee Brown

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.  
[info@sonopath.com](mailto:info@sonopath.com)

## SEX

M

## AGE

11mo

## INTERPRETED BY

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

## HOSPITAL NAME

Green Prairie AH

## REFERRING VET

Dr. Lisa Kirby-Pekin  
Veterinary Clinic

## INVOICE

23790

## DATE

02/04/2026