



**PATIENT PRESENTING CLINICAL SIGNS**

Johnny Leyva Onset of seizures started 3/1/23. Cataracts. Periodontal disease. 2/6 heart murmur. Left testicular mass palpated. Pt has been walking in circles and stumbling for the last few months.  
Abnormal PE/Chem/CBC/UA Results: Dull mentation (premedicated by rDVM prior to CT), Left testicular mass.

**SPECIES**

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post-contrast studies available for review.

**BREED**

**COMPUTED TOMOGRAPHIC FINDINGS**

Miniature Schnauzer Moderate bilateral lateral ventriculomegaly of the brain is noted. The third ventricle of the brain appears to be enlarged as well. The interthalamic adhesion appears to be reduced in height.

**SEX**

Male Intact Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

**AGE**

15 Years, 11 Months Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

**INTERPRETED BY**

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.  
The salivary glands present within normal limits.  
The volume of the right masticatory muscle appears to be mildly reduced.

**HOSPITAL NAME**

Mobile Pet Imaging Multiple severe periodontal disease of the maxillary and mandibular premolar and molar teeth is seen with dental plaques and severe widening of the periodontal spaces with loss of the lamina dura.

**REFERRING VET**

Meaux **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Ventriculomegaly of the brain.
- Suspect brain atrophy with hydrocephalus ex vacuo
- Questionably mildly reduced volume of the right muscles of mastication with no evidence of structural trigeminal changes.
- Severe multifocal periodontal disease in all quadrants.

**INVOICE INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

57051 There appears to be significant loss of the brain mass which may be due to age related atrophy, neurodegenerative disease including dementia with cognitive dysfunction, microangiopathies, and other. An MRI could be considered for further definition should the patient remain clinical and refractory to anticonvulsive treatment.

**DATE**

3-3-23



**PATIENT**

Johnny Leyva

**SPECIES**

Canine

**BREED**

Miniature Schnauzer

**SEX**

Male Intact

**AGE**

15 Years, 11 Months

**INTERPRETED BY**

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

**HOSPITAL NAME**

Mobile Pet Imaging

**REFERRING VET**

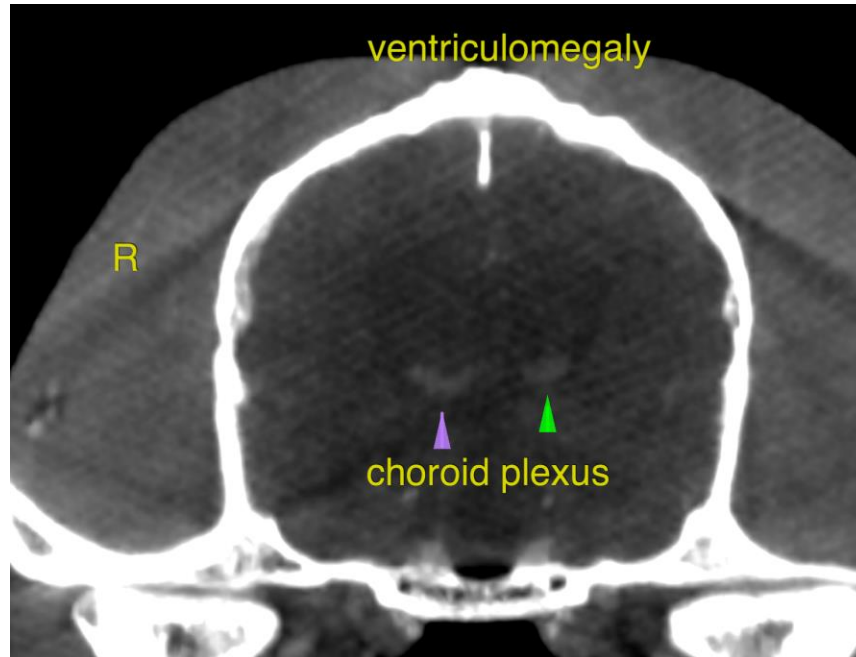
Meaux

**INVOICE**

57051

**DATE**

3-3-23



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.

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.

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