



**PATIENT**

Nala Daly

**SPECIES**

Canine

**BREED**

Retriever X

**SEX**

FS

**AGE**

6.5 Years

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Bridgwater  
Veterinary Hospital  
and Wellness Centre

**REFERRING VET**

Dr. J. Shapera

**INVOICE**

55500

**DATE**

12-1-22

**PRESENTING CLINICAL SIGNS**

Hx of possible seizures, had one grand mal seizure in the summer but otherwise described focal seizures isolated only to the left side of the face, but appear to be more muscle tremors on physical exam. Now tremors are triggered by yawning and eating and barking, patient appears very uncomfortable in the jaw and has a swelling on the left side of the face, possible mild left sided head tilt Patient was started on methocarbamol and meloxicam Nov 1/22

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry. The pituitary gland presents within normal limits.

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

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits. Both inner ears present within normal limits.

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 visible dentition is within normal limits.

Mild osseous irregularity of the contour of the left mandibular coronoid process is seen.

No structural changes are seen in the left side of the face other than possible mild diffuse soft tissue swelling.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal CT findings of the brain, middle, and inner ear.
- Irregular outline of the left mandible's coronoid process.
- No evidence of otitis externa.
- Normal regional lymph nodes.
- No evidence of dental or soft tissue lesions in the left side of the face.



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals no evidence of structural brain injury. The negative CT findings support the potential of primary epilepsy.

**SPECIES**

Canine

No significant soft tissue changes can be seen in the left side of the face other than mild soft tissue swelling.

**BREED**

Retriever X

There appears to be osteopathy of the left mandible's coronoid process with the differential diagnoses of periostitis/osteitis and primary or secondary aggressive bone disease. Consider further definition by means of bone biopsy and sampling of the regional soft tissues. Structural soft tissue changes cannot be clearly identified on the CT study.

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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.

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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.

**DATE**

12-1-22

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