



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Leo Quatralo

SPECIES
Feline

BREED
Maine Coon

SEX
MN

AGE
13

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Veterinary Dental Services, LLC

REFERRING VET
Suzanna Hatunen

INVOICE
57659

DATE
4-4-23

Intermittent jaw chattering and pawing at face since summer 2021, especially noted when eating wet food > dry food. Seemed to improve with antibiotics. Tooth resorption (TR) vs significant radiographic TMJ changes. We treated the TR in the mouth in March 2023- Clinically no improvement with these extractions - still chattering and face pawing. CBCT performed March 2023 had severe TMJ changes. I suspect the clinical signs are secondary to TMJ disease. Abnormal PE/Chem/CBC/UA Results: Elevated ProBNP -echo was fairly unremarkable. Patient has a prior hx of diabetes - in remission. Does have diabetic neuropathy.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The temporomandibular joints present moderate to severe osteoarthritic changes with shallow and deep multiple subchondral bone defects, moderate to severe narrowing of the temporomandibular joint spaces, subchondral bone sclerosis, and periarticular new bone formation. No evidence of temporomandibular joint dysplasia or traumatic osseous injury is seen. There is no evidence of luxation or subluxation.

A moderate amount of hypoattenuating material is present within the medial horizontal part of both external auditory meatuses. Moderate thickening of the epithelial lining of the horizontal external auditory meatuses is seen.

Hypodontia is noted due to multiple dental extractions in this patient. All incisor teeth are absent. The canine teeth are present in all quadrants. The molars have been removed in the right upper quadrant. Moderate horizontal bone atrophy of the alveolar crest is seen in all quadrants.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate to severe bilaterally symmetric temporomandibular joint osteoarthritis.
- Moderate bilateral chronic otitis externa.
- Hypodontia due to dental extractions.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study does confirm presence of chronic degenerative joint disease of both temporomandibular joints. The degree of osteoarthritic changes is considered moderate to severe on both sides. No other concurrent structural pathology such as dysplasia, subluxation, or traumatic injury can be identified. The clinical significance of temporomandibular joint osteoarthritis varies. However, the changes are relatively pronounced in this case.

Note the presence of bilateral chronic otitis externa which may contribute to the clinical signs as well. No evidence of otitis media or interna is seen.



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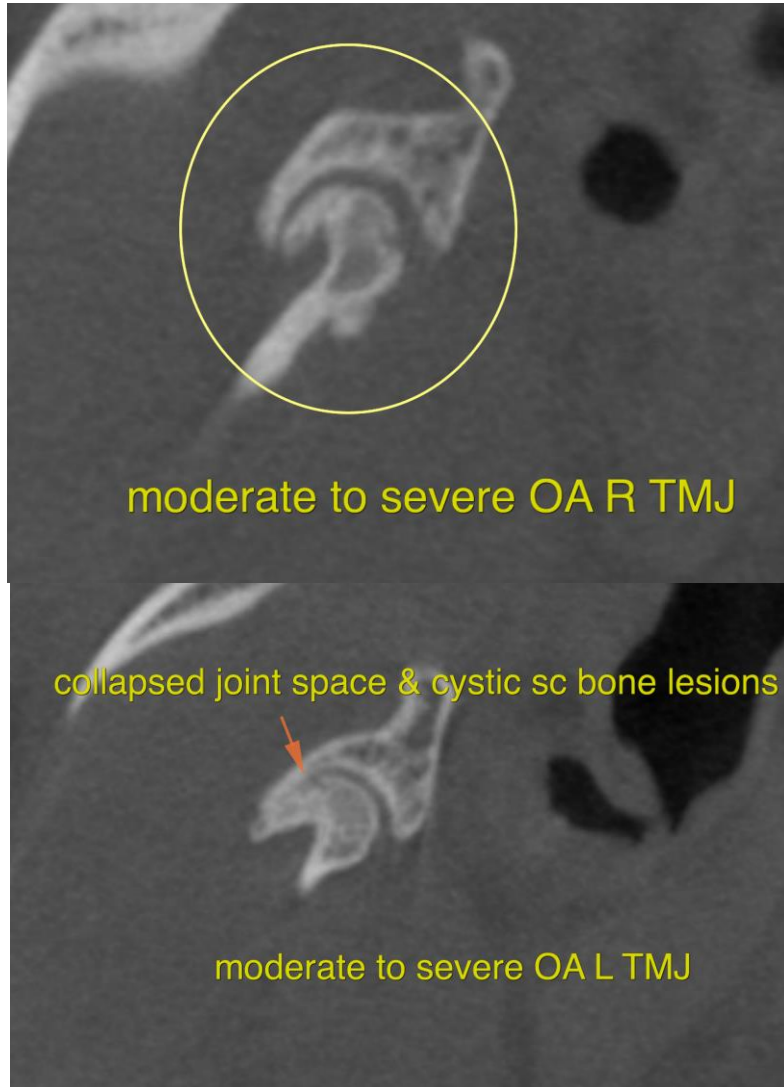
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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