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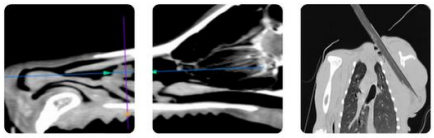

Teleradiology
Educational Teleconsultation Services™

PATIENT

Gerry Nelson

SPECIES

Canine

BREED

Schnauzer (miniature)

SEX

MN

AGE

15Y

WEIGHT

11.4kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Donald Otten

HOSPITAL NAME

Oregon Veterinary Dental Specialists

REFERRING VET

Dr. Donald Otten

INVOICE

74384

DATE

3-30-26

PRESENTING CLINICAL SIGNS

Abnormality noted on left TMJ. P is apparently asymptomatic.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Two dermal nodules are seen in the left side of the face cranial to the pinna. The more dorsally located one is measuring 15mm; the more ventrally located 4mm in diameter.

Multiple dental elements are absent. The patient appears to have a history of multiple dental extractions.

Resorptive changes of the dental neck and crown of triadan 108 are seen.

Moderate periodontal space widening is present around the roots of the triadan 209.

Advanced dental root resorption and alveolar bone resorption of the 210 is noted.

Dental plaques of the remaining molar teeth are present.

Multiple moderate to severe subchondral bone defects involving the mandibular condyle and maxillary fovea associated with peripheral sclerosis are seen in the left temporomandibular joint. Mild joint space narrowing is present.

Similar changes but milder subchondral bone defects are present in the right temporomandibular joint.

There is no evidence of aggressive osteolysis, periosteal reaction, or joint associated soft tissue mass. No CT evidence of septic arthritis is seen.

The inclination angle of the right temporomandibular joint is slightly larger than the left.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral temporomandibular joint changes with subchondral bone defects, subchondral bone sclerosis, and mild joint space narrowing L>R.
- Moderate periodontal disease triadan 209.
- Tooth resorption likely odontoclastic in nature affecting tooth 108.
- Alveolar bone atrophy.
- History of multiple dental extractions.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The temporomandibular joint findings are most consistent with chronic degenerative joint disease – likely age related. Given the absence of aggressive features or periarticular soft tissue changes, infectious or neoplastic etiologies are considered highly unlikely. Many patients with similar changes are clinically normal. This patient is also reportedly asymptomatic, therefore these findings may well be incidental at this stage though they may predispose to discomfort or reduced range of motion now or in the future.

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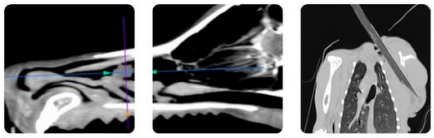

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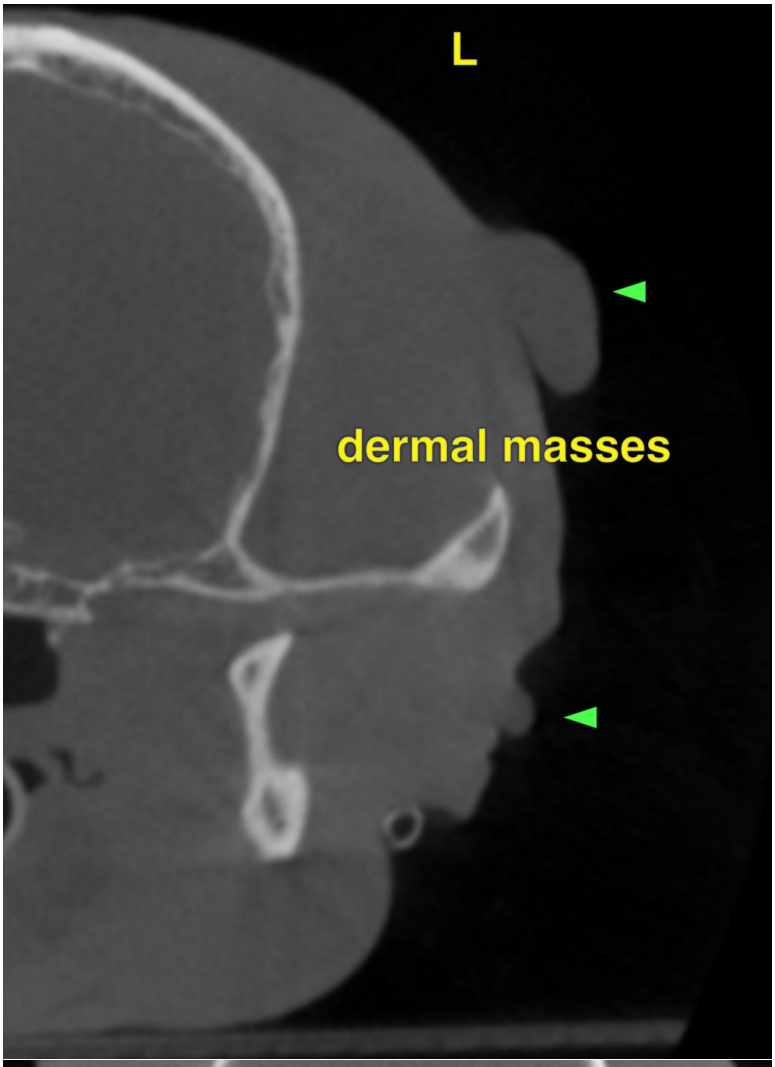

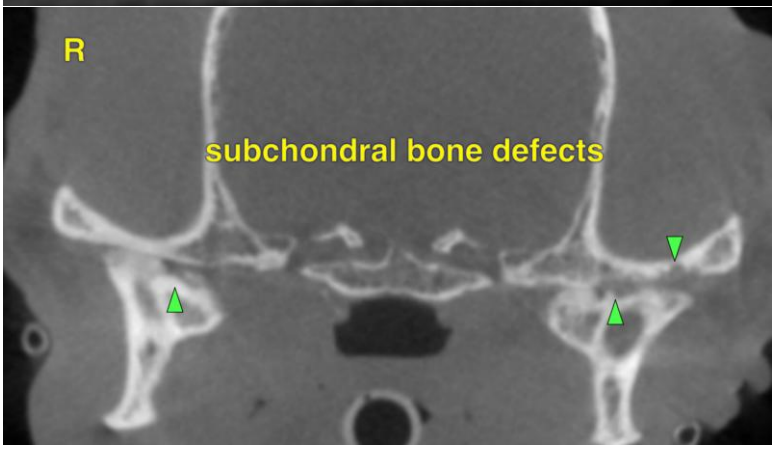

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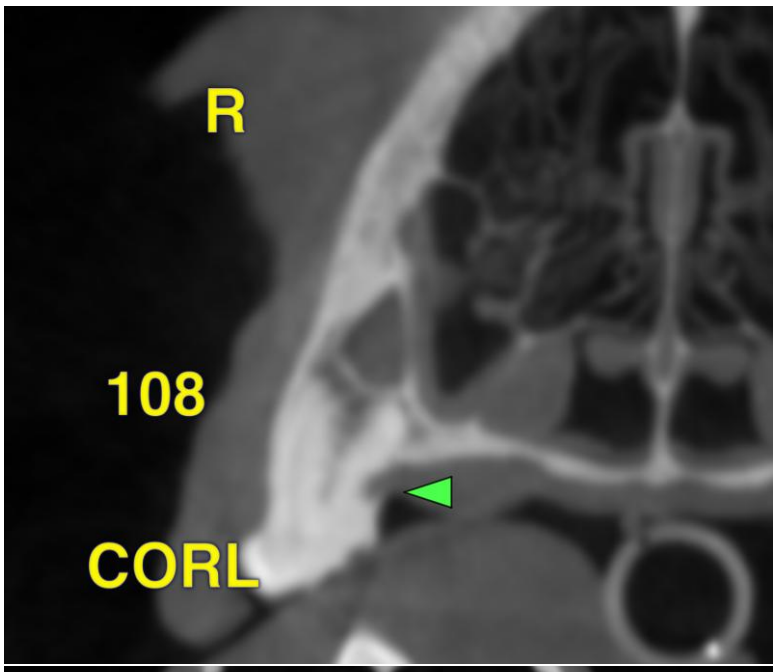

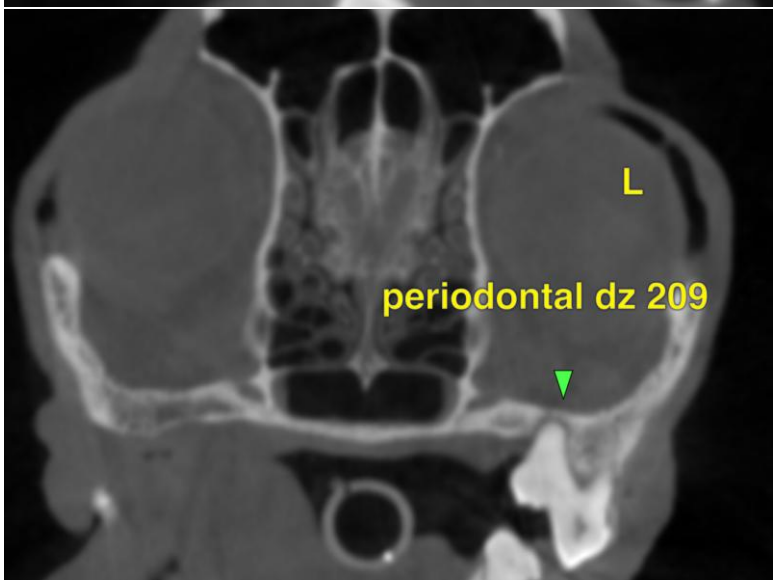

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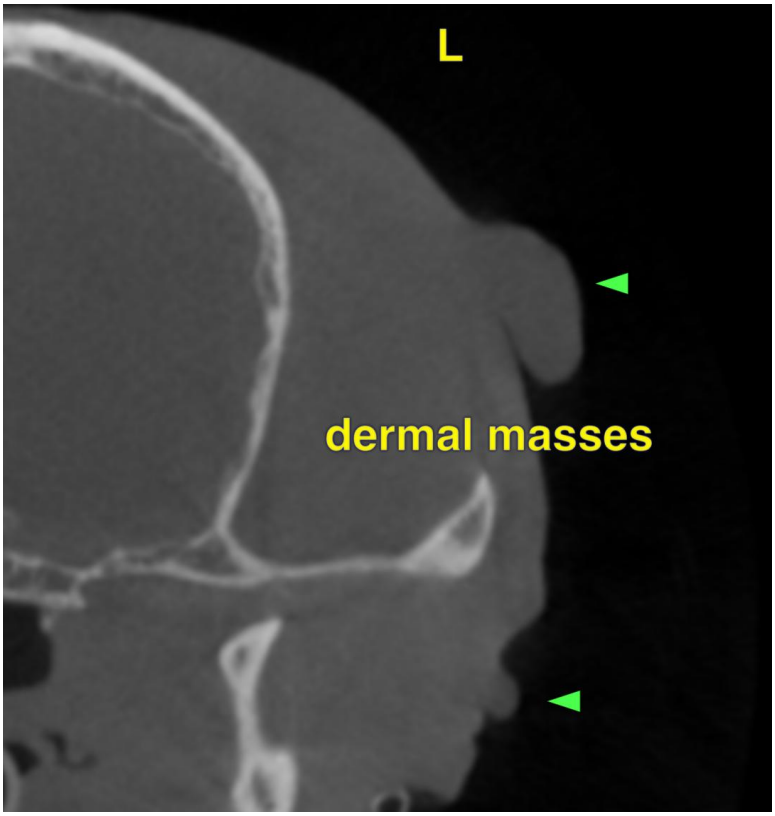

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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.
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