



PATIENT

Albert Spear

PRESENTING CLINICAL SIGNS

History of "locked jaw", Limited range of mandibular motion ~ 2.5 cm, No palpable structural bony or muscle asymmetry. Unknown history prior to adoption 2022. Has Tooth Resorption of a few teeth.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: WNL

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

BREED

DSH

Plain and flat panel studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

MN

The bilateral temporomandibular joint spaces are very narrow and hardly seen. The temporomandibular joints inclination angles appear to be enlarged.

The retroarticular processes are long.

AGE

8yr

The coronoid processes are very close to the articular fovea.

No evidence of fracture, new bone formation, erosive or other arthropathies is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The caudal fossa of the neurocranium is asymmetric due to mild right hand sided supraoccipital bone hypoplasia.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect bilateral temporomandibular joint malformation with partial jaw lock.

HOSPITAL NAME

Veterinary Dental
Services, LLC

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The elongated retroarticular processes and close anatomic relationships of the mandibular coronoid processes to the articular fovea both appear to hinder complete mouth opening.

REFERRING VET

Feigin

A congenital malformation is thought likely based on the CT findings and trauma or other acquired pathomechanism is considered by far less likely as a cause of the presumed malformation.

INVOICE

14364ag

The narrow joint spaces do not appear to allow for appropriate space for the temporomandibular joints menisci which may be part of the presumed malformation or a consequence of the underuse of the joints.

DATE

07/13/2023



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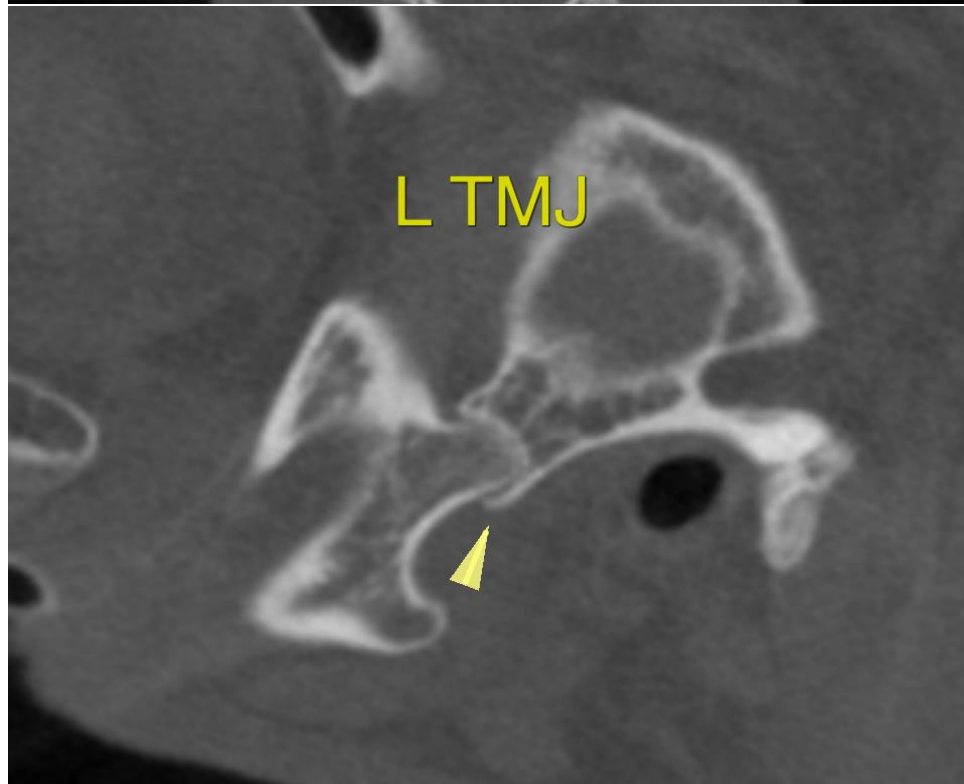
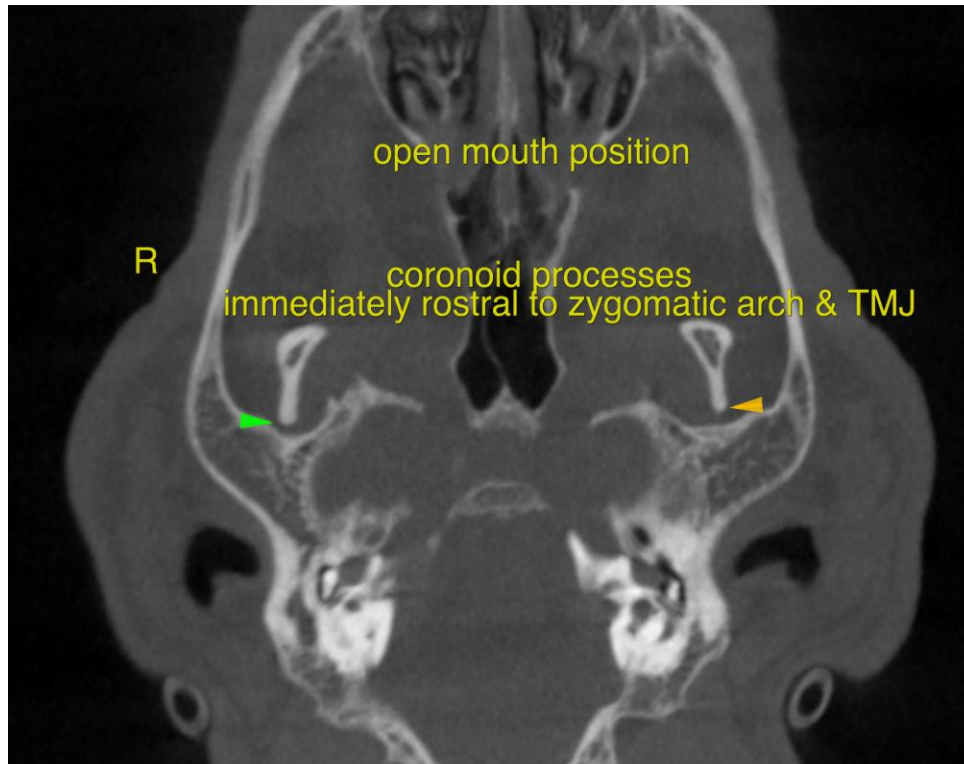
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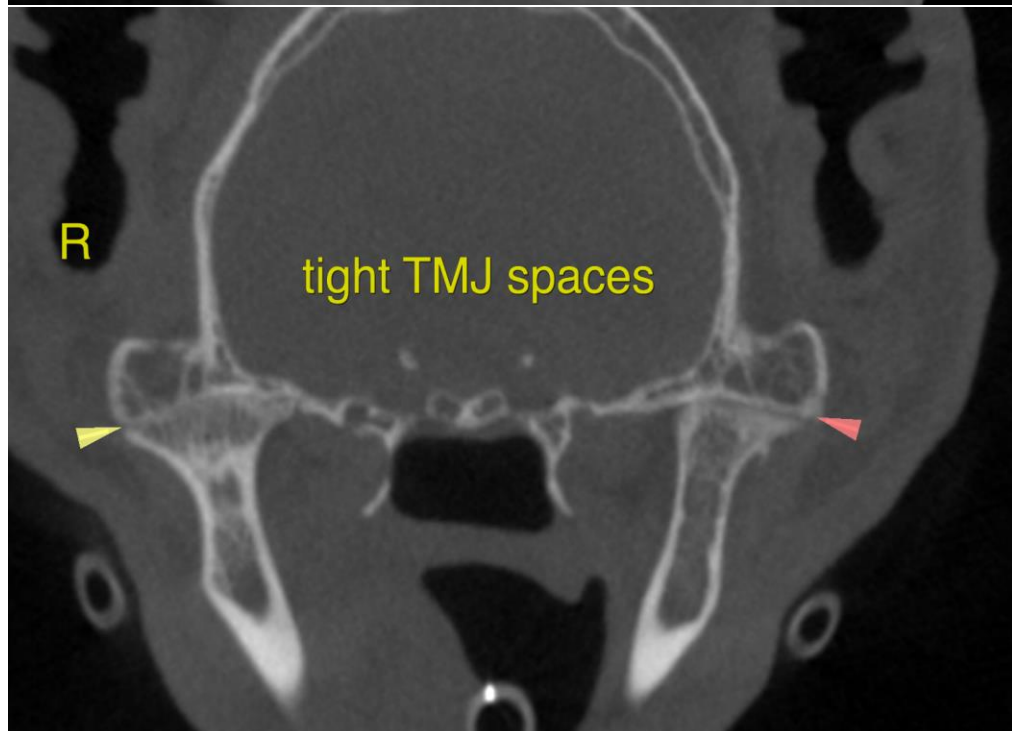
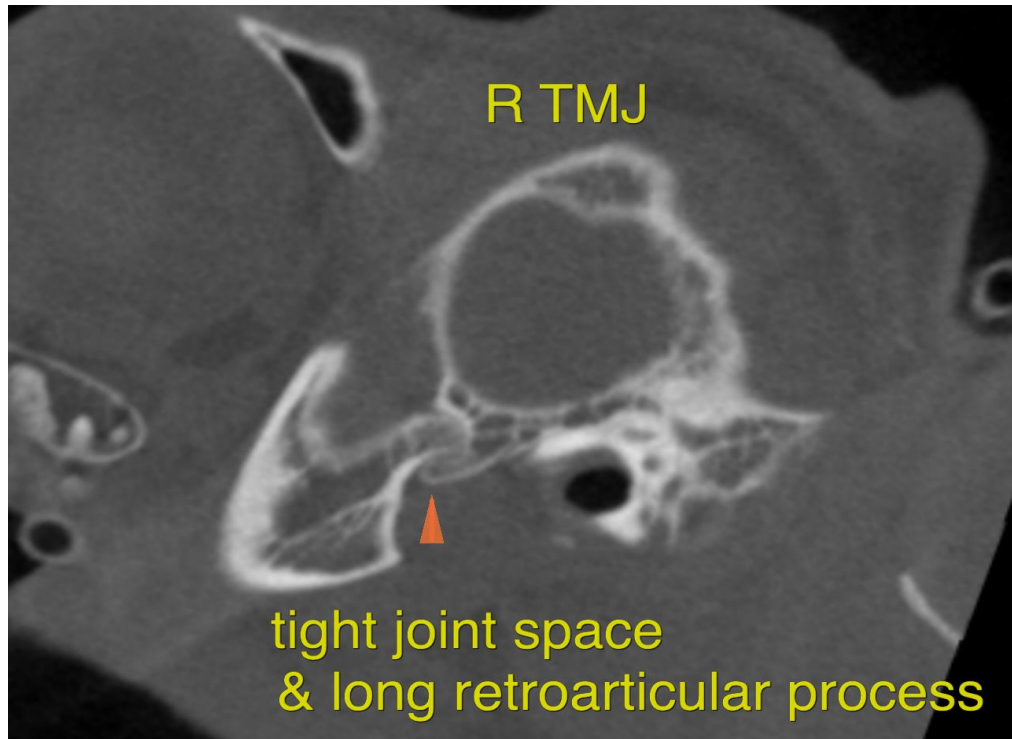
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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, DVM, Dr. med. vet., DipECVDI
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
info@sonopath.com

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