



PATIENT

Cleo Rodriguez

SPECIES

Canine

BREED

Chihuahua

SEX

Female

AGE

7Y

WEIGHT

4.5lbs

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Amarilys cala

HOSPITAL NAME

Miami Springs Animal
Hospital

REFERRING VET

Dra Cuesta

INVOICE

72455

DATE

11-3-25

PRESENTING CLINICAL SIGNS

Owner reports that the dog fell off the bed yesterday. The pet appears painful, with the mandible appearing unbalanced and the mouth held open. History of seizures and blindness. No vomiting, diarrhea, or changes in appetite reported Unable to eat due to oral discomfort
Abnormal PE/Chem/CBC/UA Results: ALKP / MONO – HIGH

COMPUTED TOMOGRAPHY OF THE SKULL

A high resolution pre- and post-contrast CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Multiple teeth are absent. The remaining teeth present generalized advanced widening of the periodontal spaces and the roots of triadan 102, 104, 203 and 204 are perforating the nasal cavity. In the alveolar crest of absent triadan 103 a mild expansile geographic osteolytic lesion, with a fluid attenuating center is appreciated. Generalized advanced bone loss of the mandible bilaterally is appreciated – most pronounced level with the first molar tooth.

Level with the mesial root of triadan 409, a fracture line is appreciated in the remaining ventral cortex of the right mandible.

In the rostral aspect of the nasal cavity bilaterally, moderate swelling of the nasal mucosal lining is appreciated.

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 ear canals are within normal limits.

The lateral ventricles of the brain are significantly dilated, and the parenchyma of the telencephalon can be appreciated as thin parenchymal rim.

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.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Acute traumatic transverse mandibular fracture level mesial root 409
- Generalized advanced periodontal disease – triadan 102, 104, 203 and 204 are perforating the nasal cavity
- Hydrocephalus internus with signs of hypertension

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT scan shows a mandibular fracture at the alveolar crest of the mesial root of triadan 409. The periodontal disease serves as a predisposing entity for the mandibular fracture.

The hydrocephalus is a plausible explanation for the history of neurological clinical signs.



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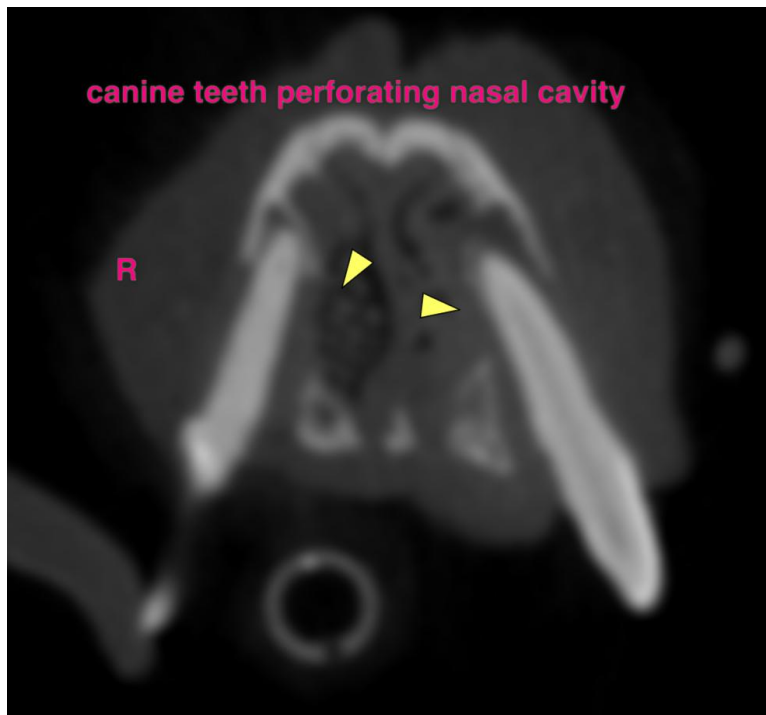
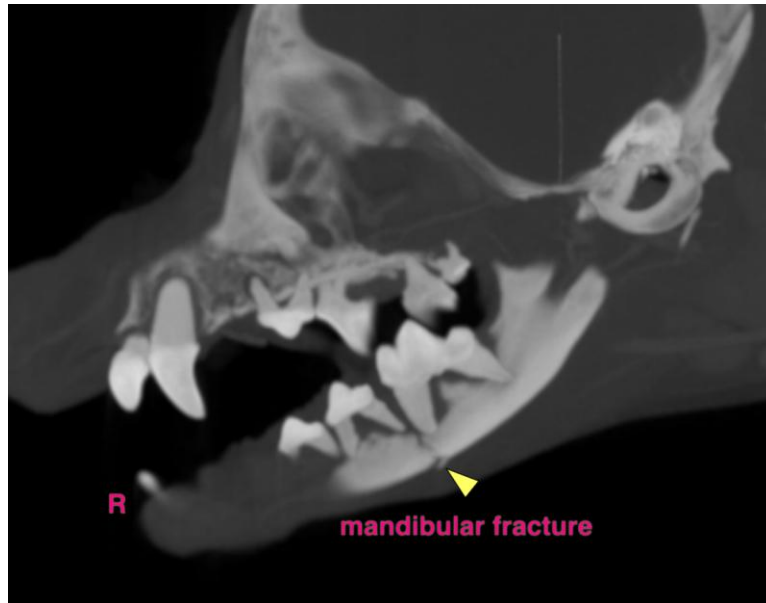
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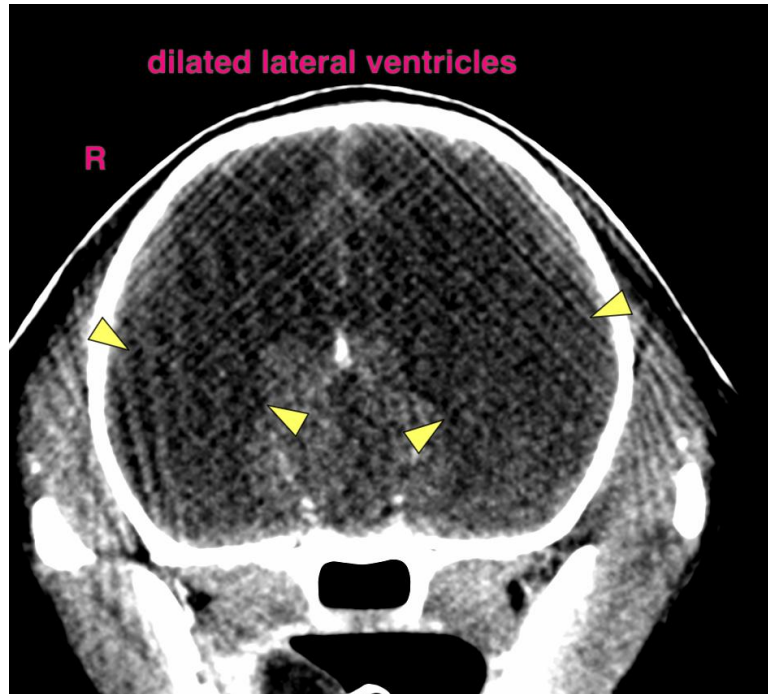
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com