



PATIENT PRESENTING CLINICAL SIGNS

Lucky Siples History: Old gunshot wound, acquired palatal defect
Abnormal PE/Chem/CBC/UA Results: Increased ALT

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

Canine A high-resolution plain CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Miniature Pinscher

The tooth elements 102, 105-107, 110, 201, 202, 204, 210, 301-303, 309-311, 401-403, 405, 409-411 are absent. The remaining teeth present evidence of moderate periodontal disease and a significant amount of mineralized material is attached to the crowns of the premolar and molar teeth. Triadan 104 is deviated rostrally and the osseous lining of the alveolar crest cannot be clearly defined.

SEX

Spayed Female

The horizontal plate of the palatine bone bilaterally presents with a large, bilobed defect, measuring 1.8 x 2.0 cm in size. The defect in the hard palate is incompletely covered by gingiva and a connection between the oral- and nasal cavity is appreciated. Moderate destruction of the nasal conchal & turbinate structures is seen, R>L.

AGE

6 Years

The right mandible presents with a large gap between the ramus and the mandible with rounded osseous margins. At the caudal aspect of the angular process of the left mandible, a metal attenuating fragment of a bullet is seen.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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.

HOSPITAL NAME

Animal Dental Clinic

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

REFERRING VET

Donald Otten

- History of gunshot wound
- Secondary acquired defect of the hard palate with oronasal fistula formation and destructive rhinitis
- Secondary non-union of the right ramus of the mandible
- Suspect oronasal fistula formation triadan 104
- Severe periodontal disease and dental tartar remaining teeth
- Multiple absent teeth

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DATE

4/6/22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Due to advanced loss of the osseous structures of the hard palate, there might be an increased risk for dehiscence after surgical management.

Lucky Siples

A complete dental workup appears beneficial as well.

SPECIES

Canine

BREED

Miniature Pinscher

SEX

Spayed Female

AGE

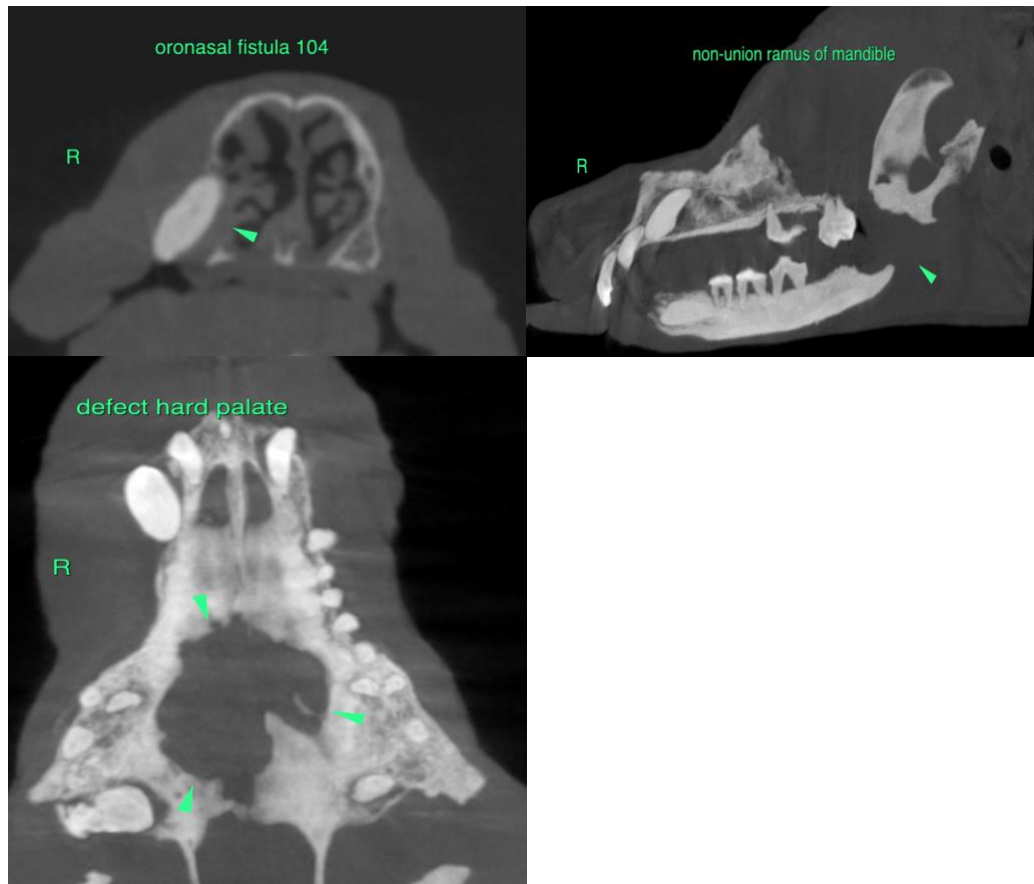
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

REFERRING VET

Donald Otten

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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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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Spayed Female

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