

**PATIENT**

Mr. Chow Creel

**PRESENTING CLINICAL SIGNS**

no clinical signs. just routine CT for dental, congenital pulmonic stenosis, on atenolol. 3 years ago p had alvusion of R tibial tuberosity after being dropped. surgery was successful. Abnormal PE/Chem/CBC/UA Results: all normal

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE DENTAL ARCADES & THORAX**

A plain study of the dental arcades and a plain study of the thorax are available for review. The study of the thorax is right/left flipped.

**BREED**West Highland White  
Terrier**COMPUTED TOMOGRAPHIC FINDINGS**

The dentition is incomplete. Triadan 206 is absent. Periodontal space widening of the Triadan 210 is seen.

**SEX**

MN

Severe atrophy of the alveolar crest is present in all quadrants of the jaw.

All visible facial bones and the visible calvarium present a coarse trabecular bone pattern, loss of cortical bone, and mild generalized overall thickening of the bone plates with an overall decrease in mineral attenuation.

**AGE**

3.5 Years

General anatomy, alignment, and number of the cervical and thoracic vertebrae present within normal limits.

The corticomedullary bone patterns of the spine, shoulders, and ribs present within normal limits.

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

The lung and bronchial tree present within normal limits. No evidence of cardiovascular pathology is seen.

Both thyroid lobes are included and present within normal limits as well.

**HOSPITAL NAME**Boca Park Animal  
Hospital**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Generalized severe facial bone and calvarial bone osteopathy with overall loss in calcified bone matrix.
- No evidence of aggressive osteolytic changes.
- Periodontal disease accentuating the Triadan 210.

**REFERRING VET**

Ensign

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are suggestive for fibrous osseous dystrophy. Secondary nutritional or renal hyperparathyroidism should be ruled out. Normal parathormone, calcium, and phosphorus levels should be ensured and biopsy of the facial / calvarial bones could be considered for further definition.

**INVOICE**

47689

**DATE**

10-5-21



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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.

**SPECIES**

Canine

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

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Terrier

**SEX**

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**AGE**

3.5 Years

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