

Dental Scan Ltd.
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PATIENT:	Name Surname	REPORT DATE	14/06/2022
DOB:	07/03/1980	AGE: 42	GENDER: Female
STUDY DATE:		STUDY DATE:	10/06/2022
STUDY TYPE:	CBCCT Single jaw Mand	SERIAL #:	7106
DENTIST:	Dr Name Surname		
CLINICAL NOTES:	Mandible Pre implant placement, bone volume, lingual undercut, proximity of ID nerve and vital structures		

OBSERVATIONS**DENTAL FINDINGS:**

Missing teeth: Dentate mandible missing LR8, LL7,8.
Implants: No implants are present.
Restorations: The posterior teeth are heavily restored.
Endodontics: Two teeth LL6, LR6 are endodontically restored and the apical PDL spaces appear intact.
Apical pathology: There is no evidence of periapical pathology associated with any of the teeth.
Periodontology: The lower anterior teeth have mild horizontal alveolar bone loss.
Third Molars: Lower third molars absent.

Specific findings: LL7 region has mild loss in vertical alveolar ridge height, the distal root socket can be seen as a low density region, Misch 3 bone density. **There is a retromolar accessory vascular canal loop, marked in red in the image, 6 mm distal from the cross section of the alveolar ridge.**

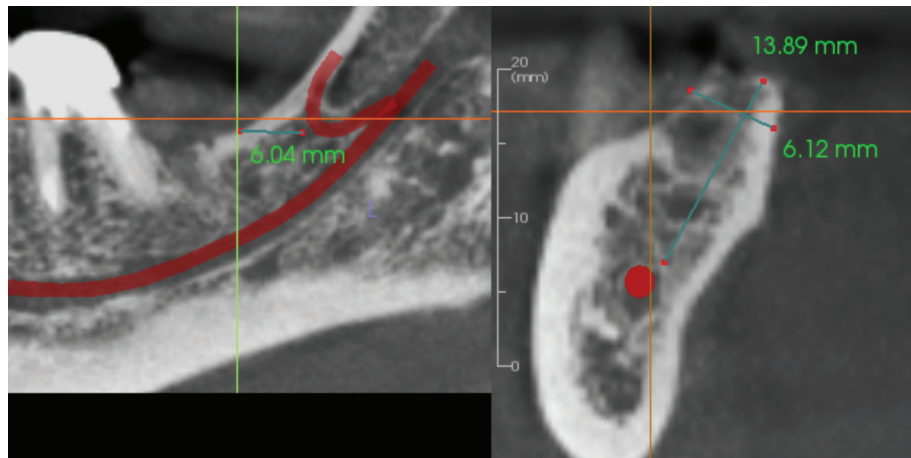
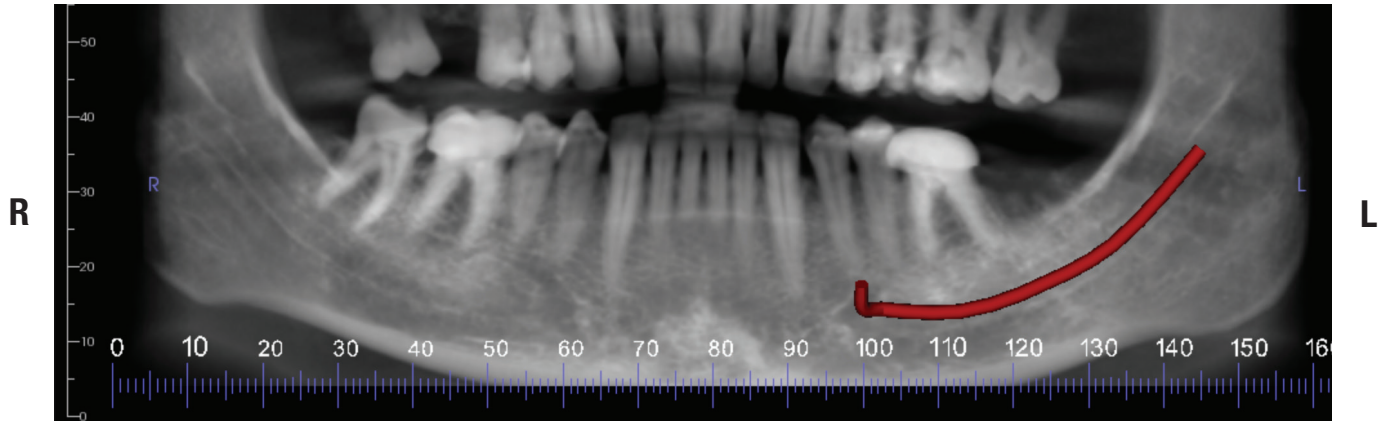
TMJS: The TMJ articulations are not within the field of view.
SINUSES: The paranasal sinuses are not within the field of view.
AIRWAY: The naso-oro-pharyngeal airway space dimension within the field of view is within normal limits.
CERVICAL SPINE: The cervical spine within the field of view is unremarkable.
CALCIFICATIONS: There is evidence of coalescing dystrophic soft tissue calcifications in the LEFT lateral superficial pharyngeal wall consistent with palatine tonsilloliths.

DIAGNOSTIC SUMMARY:

LL7 region has mild loss in vertical alveolar ridge height, the distal root socket can be seen as a low density region, Misch 3 bone density. **There is a retromolar accessory vascular canal loop, marked in red in the image, 6 mm distal from the cross section of the alveolar ridge.**

Some measurements have been made in the images for guidance purposes. It is still advisable for measurements to be taken by the clinician for optimal implant planning.

CBCT RECONSTRUCTED PANORAMIC IMAGE



Cropped panoramic and cross section of alveolar ridge edentulous LL7 region. LL7 region has mild loss in vertical alveolar ridge height, the distal root socket can be seen as a low density region, Misch 3 bone density. There is a retromolar accessory vascular canal loop marked in red in the image 6 mm from the cross section of the alveolar ridge.

PLEASE NOTE: Abbreviations used: PLS periodontal ligament space; IANC inferior alveolar nerve canal; CBCT-PAI PeriApical Index. The radiologic findings and impression of this report are developed by Dr. Douglas K Benn, BDS, DDS, PhD, Dip. Dental Radiology (Royal College of Radiologists) Oral and Maxillofacial Radiologist and Professor Emeritus of the University of Florida. The information and/or recommendation(s) contained herein is/are based upon the provided history and imaging rationale, images and volumetric data set and is for consultation purposes only. As with all diagnostic imaging, cone beam CT has diagnostic limitations. Diagnosis, medical advice and treatment is the sole responsibility of the treating physician or dentist.