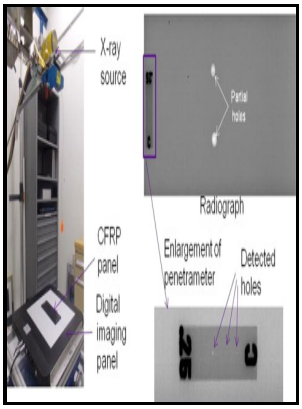
Reproducibility and accuracy of cephalometric analysis using different digital imaging modalities and image compression.

Faculty of Dentistry, University of Toronto - Reproducibility of cephalometric landmarks on posteroanterior digital radiographs using DICOM and JPEG formats



Description: -
-reproducibility and accuracy of cephalometric analysis using different digital imaging modalities and image compression.
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Notes: MICR copy on microfiche (2 microfiches).
This edition was published in 2001

Tags: #An #evaluation #of #the #reproducibility #of #landmark #identification #in #traditional #versus #computer

An evaluation of the reproducibility of landmark identification in traditional versus computer

Informed consent was obtained from all patients for being included in the study.

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Without using any accessory aid, it is difficult to distinguish between these two closely approximated radiopaque lines, one depicting the outline of the articular eminence and fossa, the second one indicating the inferior border of the zygomatic arch. Here the specimen is sliced into a number of layers of known thickness. .

Evaluation of the accuracy of linear measurements on spiral computed tomography

CONCLUSIONS Linear measurements obtained on multiplanar 2D CBCT images with 0.

Digital imaging

Direct physical measurements by a digital calliper were defined as the gold standard. On the other hand, the diagnostic ability of CBCT images for evaluating small structures appears to be influenced by voxel size. A total of 26 anatomical landmarks were defined and measured and 26 measurements were calculated.

A comparison of conventional and digital radiographic methods and cephalometric analysis software: I. hard tissue

The effect of image content on detail preservation and file size reduction in lossy compression.

Digital imaging

Materials and methods Lateral cephalometric radiographs of 30 patients were randomly selected from the archives of the Department of Orthodontics of Baskent University. The deepest point of the nasolabial curvature; sm s: soft tissue supramentale.

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