Project Title:

THE DEVELOPMENT OF COMPUTER SOFTWARE FOR PRECISE LANDMARK IDENTIFICATION ON HIGH-RESOLUTION FRONTAL AND LATERAL CEPHALOGRAMS

Principle Investigator:

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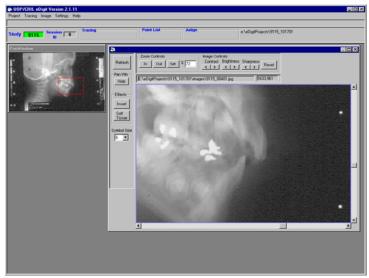
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Description:

This project is the second phase of a larger project aimed at improving the precision and accuracy of landmark identification on cephalometric and photographic images. The first phase involved the development of a computer program called Calibrator, which is currently being used to calibrate multiple judges in the task of cephalometric landmark identification. This project involves designing and building a computer program called e-Digit, which will allow for high-resolution (<0.10 mm) on-screen landmark location on digital images. Together with Calibrator, e-Digit will create a program package that serves as an adjunct to cephalometric education in orthodontic teaching institutions by providing a single solution for multiple-estimate landmark capture and display. The program is designed to run on PC compatible workstations.



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