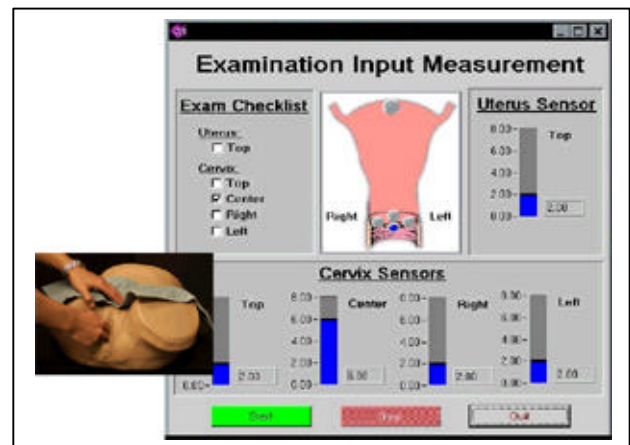
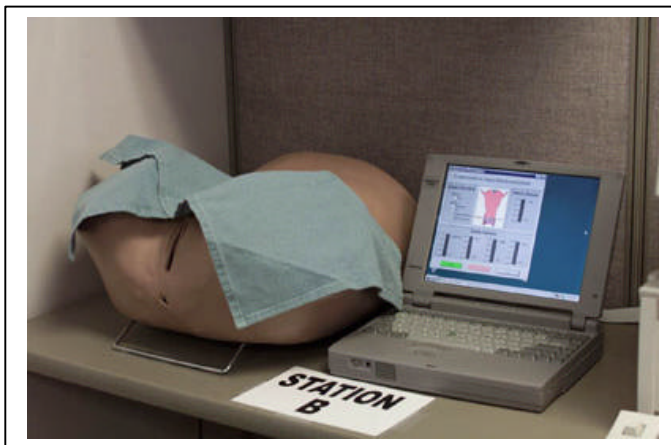


The E-Pelvis

A Pelvic Examination Simulator

Project Overview

The e-Pelvis is a newly designed teaching and assessment tool that consists of a partial mannequin – umbilicus to mid thigh – constructed in the likeness of an adult human female. The mannequin is instrumented internally with several electronic sensors that communicate, indirectly, with a computer-generated interface for the purpose of providing immediate visual feedback. The device allows students and instructors to visualize which anatomic structures are being touched by the examiners' hand and how much pressure is being applied to critical anatomic sites within the simulator. Preliminary evaluations of this teaching and assessment tool at Stanford University, the American College of Obstetrics and Gynecology and Guy's-King's College Hospital in London, have shown it to be both a valid and reliable method of teaching clinical female pelvic examinations.



Project Status

The e-Pelvis is a working prototype and is currently part of Stanford University's Pre-Clinical Medicine curriculum for second year medical students as a teaching tool. Further development, which will bring the teaching tool to market, is underway.

Funding

Gifts and operating budget

Project Team

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