

ECG-Training Device

Progress Report 10

April 22, 2009 – April 28, 2009

Team Members:

Laura Bagley (Team Leader) bagley@wisc.edu
Cali Roen (BWIG) roen@wisc.edu
Amy Weaver (Communicator) aweaver@wisc.edu
Anthony Schuler (BSAC) aschuler@wisc.edu

Client:

Dr. Patricia Padjen
Department of Emergency Medical Services
UW Hospital and Clinics
(608) 263 7096
pdp@medicine.wisc.edu

Advisor

Tom Yen
Dept. of Biomedical Engineering
yen@enr.wisc.edu

Problem Statement:

Develop a mannequin to train EMT students to correctly place electrodes needed to perform an electrocardiogram (ECG). Electrode sites should not be visible; the student should determine the correct placement based on anatomical landmarks (intercostals spaces and ribs). The mannequin should be able to train both 12-lead and 15-lead ECG electrode placement.

Summary of Team Accomplishments:

- Finished testing prototype
- Started working on final poster and paper

Summary of Individual Accomplishments:

- Amy soldered the circuit to a smaller bread board
- Cali finished fitting LEDs into the mannequin
- Laura analyzed testing data and wrote the progress report

Upcoming Week's Goals:

- Finish final poster and paper
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Difficulties:

No major difficulties this week.

Activities:

Team Member	This Week's Activities	Weekly (hrs)	Cumulative (hrs)
Laura Bagley	Progress report (0.5 hr) Testing (1 hr) Data Analysis (1 hr) Poster and paper work (2 hr)	4.5 hrs	35.0 hrs
Cali Roen	Testing (1 hr) Other prototype work (2.0 hr) Poster work (3 hr)	6.0 hrs	49.0 hrs
Tony Schuler	Paper work (2 hr)	2.0 hrs	26.0 hrs
Amy Weaver	Testing (1 hr) Prototype work (2 hr) Poster work (3 hr)	6.0 hrs	50.0 hrs
Total:		18.5 hrs	161.0 hrs