

ECG-Training Device

Progress Report 11

April 29, 2009 – May 8, 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 analyzing test results
- Delivered final presentation
- Delivered prototype to client
- Finished writing final report

Summary of Final Client Meeting: Our clients would like to continue working on the project and still want to get Nasco involved. They will be in contact with Nasco next week at a conference and plan to present our project idea to them. Laura is going to stay in contact with our clients this summer to monitor any progress that is made. If it looks like there will be more work for students to do this fall, our clients would like another group to take over the project.

Difficulties:

No major difficulties this week.

Activities:

Team Member	This Week's Activities	Weekly (hrs)	Cumulative (hrs)
Laura Bagley	Progress report (0.5 hr) Paper work (3 hr) Client Meeting (1 hr)	4.5 hrs	39.5 hrs
Cali Roen	Paper Work (1 hr) Updated website (1 hr) Client Meeting (1 hr)	3.0 hrs	52.0 hrs
Tony Schuler	Paper work (1 hr) Client Meeting (1 hr)	2.0 hrs	28.0 hrs
Amy Weaver	Paper work (1 hr) Client Meeting (1 hr)	2.0 hrs	52.0 hrs
Total:		11.5 hrs	171.5 hrs