

ECG-Training Device

Progress Report 6

March 4, 2009 – March 24, 2009

Team Members:

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Client:

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Advisor

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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:

- Delivered mid-semester presentation
- Purchased new circuit parts (voltage regulators, relays)
- Wrote mid-semester report

Summary of Individual Accomplishments:

- Laura wrote the progress report

Upcoming Week's Goals:

- Fit circuit into mannequin
- Update circuit with voltage regulators and relay
- Finalize testing plans with client

Difficulties:

There were no difficulties this week

Activities:

Team Member	This Week's Activities	Weekly (hrs)	Cumulative (hrs)
Laura Bagley	Progress report (0.5 hr) Midsem. Report (1 hr) Team meeting (1 hr)	2.5 hrs	18. hrs
Cali Roen	Midsem. Report (1 hr) Team meeting (1 hr) Updated website (0.5 hr)	2.5 hrs	16.5 hrs
Tony Schuler	Midsem. Report (1 hr) Team meeting (1 hr)	2.0 hrs	15.0 hrs
Amy Weaver	Midsem. Report (1 hr) Team meeting (1 hr)	2.0 hrs	16.0 hrs
Total:		9.0 hrs	65.5 hrs