

Blood Flow

Week – November 9, 2006 to November 16, 2006

Team Members : Jonathan Baran – Team Leader
Mark Yarmarkovich – Communications
Karen Chen – BSAC
William Stanford – BWIG

Client :

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Problem Statement

Current instruments used in the measurement of pulse transit time are inefficient for home use. An existing product with working ECG and pulse wave circuits along with software to analyze the data has been provided. The primary goal will be to optimize the existing setup for use at home. This will be performed by miniaturizing the circuit, reducing the signal to noise ratio, and improving of the already existing software. These tasks will attempt to be rectified by numerous design additions.

Last Week's Goals

- Order Data Logger
- Continue to work on programming

Accomplishments

- Ordered Dataq DI-710 Data Logger
- Received parts to being working on EKG circuit
- Continued to program

This Week's Goals

- Work on circuit building
- Continue to program for skipped beat

Difficulties

- Understanding everything which has previously been done

Activities/Accomplishments

Group Member	Weekly Accomplishments	Time (hrs)	Running Total (hrs)
Jonathan Baran	Class Time, Client Meeting, Research	6	65
Mark Yarmarkovich	Class Time, Client Meeting	3	40
Karen Chen	Class Time, Client Meeting	3	43
William Stanford	Class Time, Client Meeting	3	43