

Face Cradle Progress Report **4/13/2009-4/19/2009**

Names

Nate Cira, leader
Patrick Kurkiewicz, BSAC
Annie Loevinger, communicator
Matt Hoffman, BWIG

Client

Susan Frikken

Problem Statement

Current static massage chair face cradles do not adjust as the subject becomes more relaxed. This results in the subject's neck and upper back shifting to an uncomfortable bowed position. This device must perform two important functions. First, it must support the head of a patient receiving a chair massage, specifically preventing the chin from slipping through the cradle. Second, it must adjust along the axis of the spine to accommodate a different position as the patient relaxes during the massage.

Last Week's Goals

- Team: assemble the device
- Team: consider tests for device
- Pat: attend BSAC meeting
- Nate: Write progress report for prior week
- Matt: Update website

Summary of Accomplishments

- Annie corresponded with the client. 4/13
- The team met and discussed design. 4/15
- Pat and Annie bought parts from the hardware store. 4/15
- Nate wrote progress report. 4/16
- The team met and worked on device assembly. 4/17

This Week's Goals

- Team: Finish device assembly.
- Team: consider tests for device.
- Pat: attend BSAC meeting
- Nate: Write progress report for prior week
- Matt: Update website
- Begin thinking about poster

Project Difficulties:

None

Activities

13/04/2009 Annie:	Corresponded with Client	.5 hr
15/04/2009 Team:	Discussed design	.75 hr
15/04/2009 Annie and Pat:	Bought parts at ACE	1.5 hr
16/04/2009 Nate:	Wrote progress report	.5 hr
17/04/2009 Team:	Device Fabrication	4 hr

Totals

Individual:

Nate:	28.5 hours
Annie:	25.5 hours
Matt:	17.75 hours
Patrick:	18.75 hours
Together:	
Team:	30 hours

Expenses

Cost of parts

Annie:

\$13.05 Sphygmomanometer
\$10.64 Tracks (returned \$4.55)
\$16.24 ACE
\$5.58 Wallgreen's
\$10.21 ACE

Nate:

\$49.71 McMaster air cylinders
\$33.73 Peachtree Woodworking Tracks
\$5 ACE tubing and connectors

Pat:

\$1 balloons

