

## **Face Cradle Progress Report** **3/30/2009-4/5/2009**

### **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: finish purchasing parts, begin assembly
- Team: consider tests for device
- Team: work toward full shop certification
- Pat: attend BSAC meeting
- Research specific materials and costs
- Annie: contact other massage therapists and Susan for testing time
- Nate: Write progress report for prior week
- Matt: Update website

### **Summary of Accomplishments**

- Nate and Pat bought tubing and connectors. 3/31
- Annie ordered and confirmed cuff. 4/1-4/3
- Annie corresponded with the client. 4/2-4/5
- Nate wrote progress report. 4/2
- The team met and discussed the design. 4/3
- Nate researched air cylinders. 4/3
- Matt updated website.
- Matt did research.
- Nate researched tracks. 4/5

### **This Week's Goals**

- Team: assemble parts as they arrive
- Team: consider tests for device
- Pat: attend BSAC meeting
- Research specific materials and costs
- Annie: contact other massage therapists and Susan for testing time
- Nate: Write progress report for prior week

- Matt: Update website

### **Project Difficulties**

Waiting on tracks and valves to arrive

### **Activities**

31/03/2009	Nate and Pat:	Purchased tubing and connectors	1.5 hr
01/04/2009	Annie:	Cuff order and confirmation	.5 hr
02/04/2009	Nate:	Wrote progress report	.5 hr
02/04/2009	Annie:	Contacted client	1 hr
03/04/2009	Team:	Discussed design	2 hr
03/04/2009	Nate:	Air Cylinder research	2 hr
Midweek	Matt:	Updated webpage	1 hr
Midweek	Matt:	Parts research	1 hr
05/04/2009	Nate:	Track research	1 hr

### **Totals**

Individual:

Nate: 27.25 hours

Annie: 22 hours

Matt: 16.5 hours

Patrick: 16.25 hours

Together:

Team: 22.5 hours

### **Expenses**

Cost of parts

Annie:

\$15 Sphygmomanometer

\$10 Tracks

Nate:

\$49.71 McMaster air cylinders

\$33.73 Peachtree Woodworking Tracks

\$5 ACE tubing and connectors

Pat:

\$1 balloons

