

## **Medical prosthetics for plastic surgery: Adherent Interface System**

Client: Greg Gion, Medical Art Prosthetics, LLC

Team Members:

Lindsey Carlson (co-leader)  
Nicole Daehn (co-leader)  
Matt Kudek (communicator)  
Chris Walker (BWIG)  
Paul Schildgen (BSAC)

September 21- September 28, 2007

### **Problem Statement:**

Design an adhesive system for silicone facial and body prosthetics that can withstand the effects of sweat, skin oils, and movement. The solvent system of the adhesive should not deteriorate the prosthetic. This bonding agent must not run and must be lightweight, aerated, and compressible in order to more closely resemble real skin. This adhesive would benefit prosthetics and wound care.

### **Last Week's Goals:**

- Look for resources on campus to contact with questions about project
- Brainstorming project ideas
- Prepare for client meeting

### **Summary of Accomplishments:**

- Continued researching background information
- Brainstormed questions for client meeting
- E-mailed Professor John Kao to get additional information for our project

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

- Complete PDS report
- Brainstorming project ideas
- E-mail more Professors to get more information for our project

### **Project Difficulties:**

We scheduled an initial client meeting on the first day of class for Sept. 28 at 12:15. Our client can't switch the meeting time so we have a conflict with attending the team building activity this week.

**Activities:**

None to report so far

**Expenses:**

None to report so far

Tasks	September			October				November					December	
	14	21	28	5	12	19	26	2	9	16	23	30	7	14
<b>Project Development</b>														
Background Research	Activity	Activity	Activity											
Develop Design Alternatives			Activity	Activity										
Select Final Design				Activity	Activity	Activity								
Order Necessary Materials							Activity							
Develop Final Design								Activity	Activity	Activity	Activity	Activity		
Test Design											Activity	Activity		
<b>Presentations</b>														
Mid-Semester Presentation				Preparation	Preparation	Project Deadlines								
Final Presentation										Preparation	Preparation	Preparation	Project Deadlines	
<b>Deliverables</b>														
Progress Reports	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity
Mid-Semester Report					Preparation	Preparation	Project Deadlines							
Final Report											Preparation	Preparation	Preparation	Project Deadlines
<b>Meetings</b>														
Advisor	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity
Client			Activity											
<b>Website</b>	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity	Activity

Activity	
Preparation	
Project Deadlines	