Progress Report 8

Project Title: Auto-Suture Device
Team Members: Jennifer Wager, Joe Cabelka, Therese Rollmann, and Mark Yarmarkovich
Client: Dr. Marcus, UW Hospital
Advisor: Prof. Tyler
Date: 3/16/07-3/23/07

Problem Statement: Our goal is to develop a device that will apply an intra-nasal purse-string suture in a single step for use in nasal surgery.

Restatement of Team Goals: Research electromagnet, get materials

Individual Goals:
Jenny Wager:
1. Research magnets

Joe Cabelka:
1. Research magnets
2. Get materials

Therese Rollmann:
1. Research magnets

Mark Yarmarkovich:
1. Research magnets
2. Get materials

Summary of Accomplishments:
1. Bought materials to build test device
2. Built simple switch mechanism

Summary of Team Goals:
1. Integrate clamping mechanism with switch
2. Improve electromagnet design

Project Schedule:
1/29/07-2/7/07 Meet with client, research
2/7/07 - 2/26/07 Research, brainstorm, and develop PDS
2/26/07 – 3/09/07 Prepare oral presentation and Preliminary Design Report
3/09/07 Mid-semester oral presentation
3/16/07 Preliminary Design Report due
3/16/07 – 3/23/07 Decide on final design
3/23/07 – 4/23/07 Work on design and build prototype
4/23/07 – 5/03/07 Prepare final oral presentation and final report
5/04/07 Final oral presentation
5/04/07 – 5/08/07 Prepare final report, PDS, and design drawings
Activities:

Team:

1 hr meeting to discuss design and materials

<table>
<thead>
<tr>
<th></th>
<th>Activities</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jenny Wager</td>
<td>-30 min updating notebook</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-30 min researching magnets</td>
<td></td>
</tr>
<tr>
<td>Joe Cabelka</td>
<td>-1 hour buying materials</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-45 min research</td>
<td></td>
</tr>
<tr>
<td>Therese Rollman</td>
<td>-30 min research</td>
<td></td>
</tr>
<tr>
<td>Mark Yarmarkovich</td>
<td>-1 hour buying materials</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-30 min researching electromagnets/batteries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-20 min building electromagnet</td>
<td></td>
</tr>
</tbody>
</table>

| Total Team Hours (x 4 people) for Week | 4 |
| Total Individual Hours for Week       | 4.5 min |
| Cumulative Team Hours to Date         | 91.25 hours |