Auto-Suture Nasal Device

Week – November 10th 2006 – November 17th 2006

Team Members: Tim Pearce – Team Leader  
Kuya Takami – Communications  
Mollie Lange – BSAC  
Peter Ma – BWIG

Client:  
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Problem Statement  
Our goal is to develop a device which will automatically deploy a suture to a specific region of the nose which is commonly detached in two common nasal surgeries, rhinoplasty and septoplasty. The current procedure is tedious and time consuming for the performing surgeon, often taking 15 minutes or more. Our client would like to develop a device which will automatically suture the desired location with minimal surgeon involvement. This will cut down on surgeon error, and make a more effective suture.

Last Week’s Goals  
• Proceed with new design ideas by making a quick decision as to the best alternative and figuring out what we need to get.

Accomplishments  
• Found staples which are the right size  
• Talked with client about the design ideas and asked for specific nose measurements
• Went to hardware store to look at possible things to modify for our device

This Week’s Goals
• Obtain/order all the materials needed to make our device
• Ask the shop what it will take to make our device

Difficulties
• Combining the old device with a new one.

Activities/Accomplishments

<table>
<thead>
<tr>
<th>Group Member</th>
<th>Weekly Accomplishments</th>
<th>Time (hrs)</th>
<th>Running Total (hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tim Pearce</td>
<td>Class Time, Research, Client meeting, Trip to store</td>
<td>4</td>
<td>33</td>
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<tr>
<td>Peter Ma</td>
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<td>Kuya Takami</td>
<td>Class Time, Research, Client meeting, Trip to store</td>
<td>4</td>
<td>36</td>
</tr>
</tbody>
</table>

To Do:
**Past:** Agree on new design (this week)
**Deadlines:** Need to get materials soon (ready for work after break)
**Future:** Machine shop work