Auto-Suture Nasal Device

Week –October 13\textsuperscript{th} 2006 – October 20\textsuperscript{th} 2006

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Mollie Lange– BSAC
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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
- Get an understanding of how the device we have works
- Brainstorm possible device ideas for staple deployment
- Work on PDS, Mid-semester reports, and PowerPoint presentation

Accomplishments
- Device was secured and in the mail coming to Madison.
- Made Power Point slides
• Wrote most of the Mid semester report

This Week’s Goals
• Get an understanding of how the device we have works
• Brainstorm possible device ideas for staple deployment
• Finish Mid-semester report.

Difficulties
• Still don’t have the sample suture device.

Activities/Accomplishments

<table>
<thead>
<tr>
<th>Group Member</th>
<th>Weekly Accomplishments</th>
<th>Time (hrs)</th>
<th>Running Total (hrs)</th>
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<tbody>
<tr>
<td>Tim Pearce</td>
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<td>Peter Ma</td>
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<td>Kuya Takami</td>
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To Do:
Past: Work on report, PowerPoint.
Deadlines: PowerPoint presentation (Friday)
Mid-semester report (Oct. 25)
Notebooks (Oct.25)
Future: Final plan (Oct 27)
Order specific parts (Oct 27)