Laparoscopic Banding Device Progress Report #13

Team Members:
Gina Stuessy – Team Leader / BSAC
Anna Moeller – Communications
Kailey Feyereisen – BWIG

Client:
Dr. Thomas Julian
Department of OB/GYN
U.W. – Madison Medical School
Email: tmjulian@wisc.edu

Date: April 28 to May 4, 2007

Problem Statement:
“Design a laparoscopic banding instrument for tubal sterilization that is less traumatic and more dependable” than current, cumbersome, rough, inaccurate product. (Julian)

Past Week’s Goals:
• Finish constructing prototype
• Plan presentation slides, paper

Summary of Accomplishments:
• Completed prototype
• Tested prototype’s ability to release bands separately
• Made power point slides for poster, divided up parts of paper for next week

This Week’s Goals:
• Write final paper
• Complete design notebooks

Individual Goals for This Week:
• All: work on assigned parts of final paper

Rough Schedule:
1/26—Chose design project, set team roles
1/27-2/2—Client meeting, researched background information
2/3-2/9—Project Design Specifications
2/10-2/16—PDS revisions, brainstormed designs
2/17-2/23—Brainstormed
2/24-3/2—Chose three alternatives, prepare report and presentation
3/3-3/9—Mid-Semester Presentations, report
3/10-3/16—Finished mid-semester report, work on chosen design
3/17-3/23—Worked on design
3/24-3/30—Work on design
3/31-4/6—Spring Break
4/7-4/13—worked on design, construction of prototype
4/14-4/20—construction
4/21-4/27—construction, prepare poster presentation
4/28-5/4—Poster Presentation, write final report
5/5-5/9—Final Report Due
5/11—Final meeting with advisor

**Difficulties:** None of us were able to master the ProEngineering program.

**Activities:**

<table>
<thead>
<tr>
<th>Members</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Gina: BSAC, ProEngineering / PowerPoint pictures, buying poster materials, team meetings</td>
<td>9</td>
</tr>
<tr>
<td>Anna: CAD, SolidWorks, ProEngineering, team meetings</td>
<td>14.5</td>
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<tr>
<td>Kailey: ProEngineering, Website, team meetings</td>
<td>7</td>
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**Hours to Date:**

<table>
<thead>
<tr>
<th>Members</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Gina:</td>
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<tr>
<td>Anna:</td>
<td>40.5</td>
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<tr>
<td>Kailey:</td>
<td>32.5</td>
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**Expenses:** Bought approximately $30 worth of materials for preliminary prototype.

**Schedule:**

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<tr>
<th>ID</th>
<th>Task Name</th>
<th>Start</th>
<th>Finish</th>
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