Laparoscopic Banding Device Progress Report #7

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: March 10 to March 16, 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:
• Set up a meeting with client to discuss design alternatives
• Determine internal mechanisms of chosen design
• Determine materials needed

Summary of Accomplishments:
• Set up meeting with client (12:30PM Friday, March 16)
• Wrote mid-semester report

This Week’s Goals:
• Determine internal mechanisms of chosen design
• Determine materials needed
• Begin ordering materials

Individual Goals for This Week:
• All: research materials, design internal mechanisms of chosen design

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—work on design
3/24-3/30—work on design
3/31-4/6—Spring Break
4/7-4/13—work 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:** No difficulties encountered this week.

**Activities:**

<table>
<thead>
<tr>
<th>Members</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Gina: writing mid-sem report, editing/team meeting, design notebook</td>
<td>3.5</td>
</tr>
<tr>
<td>Anna: writing mid-sem report, editing/team meeting, design notebook</td>
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<tr>
<td>Kailey: writing mid-sem report, editing/team meeting</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>
<td>18</td>
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<tr>
<td>Anna:</td>
<td>15</td>
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<tr>
<td>Kailey:</td>
<td>16.5</td>
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**Expenses:** No expenses to date. Client supplied us with current tubal bander device, literature.

**Schedule:**

<table>
<thead>
<tr>
<th>ID</th>
<th>Task Name</th>
<th>Start</th>
<th>Finish</th>
<th>Feb 2007</th>
<th>Mar 2007</th>
<th>Apr 2007</th>
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<tbody>
<tr>
<td>1</td>
<td>Research</td>
<td>1/26/2007</td>
<td>2/23/2007</td>
<td>8</td>
<td>9</td>
<td>10</td>
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<tr>
<td>2</td>
<td>Design Prototypes</td>
<td>2/16/2007</td>
<td>3/23/2007</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>Construct Chosen Prototype</td>
<td>3/23/2007</td>
<td>5/2/2007</td>
<td>8</td>
<td>9</td>
<td>10</td>
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