Laparoscopic Banding Device

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 3 to March 9, 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 development of design alternatives
• Prepare power point slides for Mid-Semester Presentation

Summary of Accomplishments:
• Team met to compile power point slides, practiced presentation

This Week’s Goals:
• Set up a meeting with client to discuss design alternatives
• Determine internal mechanisms of device chosen
• Determine materials needed

Individual Goals for This Week:
• Anna: Email client about meeting
• All: Determine mechanisms and materials needed

Rough Schedule:
1/26—Chose design project, set team roles
1/27-2/2—client meeting, research background information
2/3-2/9—Project Design Specifications
2/10-2/16—PDS revisions, brainstorm designs
2/17-2/23—brainstorm
2/24-3/2—choose three alternatives, prepare report and presentation
3/3-3/9—Mid-Semester Presentations, report
3/10-3/16—finish 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: Anna discovered she could not save video and insert into presentation; she inserted pictures instead. Kailey had some difficulties learning a computer graphics program, but produced an excellent drawing nonetheless. Gina failed to update progress report at a computer with Visio; the schedule at the bottom does not reflect the changes in progress made this week.

Activities:

<table>
<thead>
<tr>
<th>Members</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gina: team meetings, prep presentation, materials research, BSAC, report</td>
<td>5</td>
</tr>
<tr>
<td>Anna: team meetings, prep presentation, video, report</td>
<td>3</td>
</tr>
<tr>
<td>Kailey: team meetings, prep presentation, picture of design</td>
<td>2.5</td>
</tr>
</tbody>
</table>

Hours to Date:

<table>
<thead>
<tr>
<th>Members</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gina:</td>
<td>14.5</td>
</tr>
<tr>
<td>Anna:</td>
<td>12.5</td>
</tr>
<tr>
<td>Kailey:</td>
<td>12.5</td>
</tr>
</tbody>
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Expenses: No expenses to date. Client supplied us with current tubal bander device, literature.

Schedule: