

Progress Report 2

Project Title: Auto-Suture Device
Team Members: Jennifer Wager, Joe Cabelka, Therese Rollmann, and Mark Yarmarkovich
Client: Dr. Marcus, UW Hospital
Advisor: Prof. Tyler
Date: 2/2/07-2/9/07

Problem Statement: Our goal is to develop a device that will apply an intra-nasal purse-string suture in a single step for use in nasal surgery.

Restatement of Team Goals: Meet with client, research design topic, research other designs.

Individual Goals:

Jenny Wager:

1. Research design topic
2. Brainstorm
3. Meet with Prof. Masters

Joe Cabelka:

1. Research design topic
2. Brainstorm

Therese Rollmann:

1. Research design topic
2. Brainstorm
3. Meet with Prof. Masters

Mark Yarmarkovich:

1. Research design topic
2. Brainstorm
3. Contact Dr. Garfinkle

Summary of Accomplishments:

1. Initial project research
2. Met with client and advisor for previous group
3. Developed PDS

Summary of Team Goals:

1. Further research into the procedure and other devices
2. Develop design ideas

Project Schedule:

1/29/07-2/7/07	Meet with client, research
2/7/07 - 2/26/07	Research, brainstorm, and develop PDS
2/26/07 – 3/09/07	Prepare oral presentation and Preliminary Design Report
3/09/07	Mid-semester oral presentation

3/16/07	Preliminary Design Report due
3/16/07 – 3/23/07	Decide on final design
3/23/07 – 4/23/07	Work on design and build prototype
4/23/07 – 5/03/07	Prepare final oral presentation and final report
5/04/07	Final oral presentation
5/04/07 – 5/08/07	Prepare final report, PDS, and design drawings
5/09/07	Final report due

Activities:

Team:

- ½ hour client meeting
- 15 minute meeting with Prof. Masters (Jenny and Therese)
- 15 minute client meeting (Joe and Therese)

	Activities	Description
Jenny Wager	-0.5 hr-Client meeting -0.25 hr-Meeting with Professor Masters -1.5hr-Brainstorm -0.5 hr-research	After the client meeting I did some brainstorming design ideas. I also did some additional research on the purse-string suture and how it is applied.
Joe Cabelka	- 2 hr Researching - 1 hr updating notebook	This time my research mainly consisted of reviewing last semester's design and progress. I also took a look at their PDS and their final paper to get an understanding of their final thoughts on their project and possibly some ideas about what we should do differently. I also did some research on auto suturing staplers.
Therese Rollman	-2 hour research on auto sutures, nasal surgeries, and previous designs -15 min setting up meetings with Prof Masters and last design group -15 min mtg with professor masters	After hearing from our client, I did some follow up research on the two surgeries that would use the device, rhinoplasty and septoplasty. I looked at current autosuture devices that are used on bowel surgeries. I also researched the work of the design team that previously had this project. Jenny and I also met with Professor Masters to discuss what the last design group had done on the project and possible improvements we could do. I also emailed the 1st design team,

		and I am hoping they will meet with us sometime late this week or early next week.
Mark Yarmarkovich	<ul style="list-style-type: none"> - 1 hour research - 1 hour brainstorming - 15 minutes emailing Dr. Garfinkle 	I did some background research into the procedures that involve the device and the conditions that the device would have to perform under. I contacted my past doctor who performs these operations to obtain additional resources. I also looked at some similar suturing devices to obtain ideas for the design.

Total Team Hours (x 4 people) for Week	3.5 hours
Total Individual Hours for Week	10.5 hours
Cumulative Team Hours to Date	22.5 hours