

Intracoronary Wire

Week 6 – February 27 – March 5

Team Members: Allison McArton – Team leader

Angwei Law – Communications

Padraic Casserly – BSAC

Grant Smith – BWIG

Client: Prof. Vik Chhokar

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Advisor: John Webster

Professor/ Dept. of Biomedical Engineering

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Problem Statement

A novel coronary guide wire is to be developed such that torquability along the wire's entire length is maintained and the wire's tip conformation can be changed in vivo via external operation.

Restatement of Team Goals

Continue researching our final chosen design, nitinol. Find possible materials and meet with Prof. Fronczak about constructing prototype.

Individual Goals

Allison	Create next week's progress report, focus research on nitinol.
Angwei	Continue communications, focus on chose design, finding materials
Grant	Get website updated. Also continue brainstorming and researching nitinol
Padriac	Attend BSAC meeting, more brainstorming for our final design.

Summary of Accomplishment

- Updated PDS
- Selected final prototype design idea.
- Finished poster and practiced for presentation (1.5h).

Activities

Allison	3.3.05	More research on sheath idea for prototype	.5h	3.5h
	3.4.09	Created slides for presentation	1.0h	
	3.5.09	Practiced for presentation	.5h	
	2.23.09	Created progress report/ Updated PDS	.5h	
	3.5.09	Team Meeting	1h	
Angwei	multiple days	Communications	.5h	3.5h
	3.4.09	Made slides for presentation	.5h	
	3.5.09	Edited and compiled slides for presentation	1h	
	3.5.09	Prepared for presentation	.5h	
	3.5.09	Team Meeting	1h	
Grant	3.4.09	Created slides	1.5h	3.5h
	3.5.09	Practicing presentation	.5	
	3.5.09	Website update	.5	
	3.5.09	Team Meeting	1h	
Padriac	2.27.09	Attended BSAC meeting	.5h	2.5h
	3.4.09	Slide preparation	1h	
	3.5.09	Team Meeting	1h	

Project Timeline

Table 1

	January		Feb				March		April		May	
Tasks	23	29	7	14	21	28						
Project Research												
Brainstorming												
Prototype Design												
Prototype Building												
Testing												
Re-designing												
Re-testing												
Meeting with Client												
Group Meeting												

Presentation													
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Expenses

Currently there is no expense.