

Intracoronary Wire

Week 13–April 24– May 1

Team Members: Allison McArton – Team leader

Angwei Law – Communications

Padraic Casserly – BSAC

Grant Smith – BWIG

Client: Prof. Vik Chhokar

Phone: 608/516-3712, Email: vchhokar@medicine.wisc.edu

Advisor: John Webster

Professor/ Dept. of Biomedical Engineering

Phone: 608/263-1574, Email: Webster@engr.wisc.edu

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

Complete poster and prototype by Friday (5/1) and start working on paper.

Individual Goals

Allison	Finish up prototype, starting writing paper.
Angwei	Start writing paper.
Grant	Print poster, start writing paper.
Padriac	Write paper.

Summary of Accomplishment

- Completed and printed poster for poster presentation.
- Completed several prototypes.
- Tested functionality of prototypes.
- Several Team Meetings including: 4/25, 4/26, 4/28, 4/29, 4/30

Activities

Allison	4.25.09	Team Meeting	1.5h	13.0h
	4.26.09	Team Meeting	2.0h	
	4.28.09	Team Meeting	3.0h	
	4.29.09	Team Meeting	3.0h	
	4.29.09	Compiled poster	1.0h	
	4.30.09	Team Meeting	2.0h	
	4.16.09	Created progress report/ Updated PDS	.5h	
Angwei	multiple days	Communications	.5h	11.0h
	4.25.09	Team Meeting	1.5h	
	4.26.09	Team Meeting	2.0h	
	4.28.09	Team Meeting	3.0h	
	4.29.09	Team Meeting	3.0h	
	4.29.09	Poster Formatting	1.0h	
Grant	4.25.09	Team Meeting	1.5h	11.5h
	4.26.09	Team Meeting	2.0h	
	4.28.09	Team Meeting	3.0h	
	4.29.09	Team Meeting	3.0h	
	4.30.09	Team Meeting	2.0h	
Padriac	4.25.09	Team Meeting	1.5h	18.5h
	4.26.09	Team Meeting	2.0h	
	4.28.09	Team Meeting	3.0h	
	4.28.09	Working on prototype	6.0h	
	4.29.09	Working on prototype	6.0h	

Project Timeline

	January		Feb				March				April				May
Tasks	23	29	7	14	21	28	6	13&20	27	3	11	18	25		
Project Research	Green	Green	Green	Green	Green	Green	Green	Green	Green						
Brainstorming	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue				
Prototype Design				Red	Red	Red	Red	Red	Red	Red					
Prototype Building										Blue	Blue	Blue	Blue		
Testing										Dark Red		Dark Red	Dark Red		
Re-designing											Orange	Orange	Orange		
Re-testing											Purple	Purple	Purple		
Meeting with Client	Yellow	Yellow	Yellow		Yellow					Yellow		Yellow			
Group Meeting	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red		
Presentation					Green	Green							Green		

Expenses

Expenses are documented in notebooks.