

Intracoronary Wire

Week 11–April 3– April 10

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

Start obtaining materials and continue testing prototype design.

Individual Goals

Allison	Create next week's progress report, focus on obtaining Nitinol parts.
Angwei	Continue communications, test sample materials.
Grant	Update website. Also continue testing Nitinol and materials for construction.
Padriac	Attend BSAC meeting, purchase supplies for prototype.

Summary of Accomplishment

- Researched possible materials for prototype.
- Came up with several possible ways for testing our ideas.
- Met with client (1h) on 4/7/09
- Group meeting to test prototype construction on 4/9/09 (TBD).

Activities

Allison	4.8.09	Researched materials and companies to order from focusing on Prof. Crone's suggestions	2.0h	2.5h
	4.9.09	Created progress report/ Updated PDS	.5h	
Angwei	multiple days	Communications	.5h	4.0h
	4.7.09	Meeting with Vik	1.5h	
	4.9.09	Obtaining/ Purchasing Materials	1.5h	
	4.7.09	Research	1h	
Grant	4.7.09	Meeting with Vik	1.5h	2.5h
	4.6.09	Research	1.0h	
Padriac	4.7.09	Meeting with Vik	1.5h	2.5h
	4.8.09	Research	1.0h	

Project Timeline

	January		Feb				March				April			May
Tasks	23	29	7	14	21	28	6	13&20	27	3				
Project Research														
Brainstorming														
Prototype Design														
Prototype Building														
Testing														
Re-designing														
Re-testing														
Meeting with Client														
Group Meeting														
Presentation														

Expenses

Currently there is no expense.