

## Intracoronary Wire

Week 2 – January 29 – February 6

**Team Members:** Allison McArton – Team leader

Angwei Law – Communications

Padraic Casserly – BWIG

Grant Smith – BSAC

**Client:** Prof. Vik Chhokar

Phone: 608/516-3712, Email: [vchhokar@medicine.wisc.edu](mailto:vchhokar@medicine.wisc.edu)

**Advisor:** John Webster

Professor/ Dept. of Biomedical Engineering

Phone: 608/263-1574, Email: [Webster@engr.wisc.edu](mailto: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

The team will meet on Friday, January 30 to define team and group member goals, and to discuss any additional design improvements. The team will meet also set up a time to meet with the client in the near future.

### Individual Goals

Allison	Create next week's progress report, more researching and brainstorming throughout week. Look at client's suggestions for designs.
Angwei	Continue communications, more initial research and brainstorming.
Grant	Get website created and updated. Also continue researching and brainstorming.
Padraic	Attend BSAC meeting, more initial research and brainstorming.

### Summary of Accomplishment

- More Individual Research
- Met with client on Tuesday, February 3 (1.5h)

### Activities

Allison	2.2.2009	Researched procedure/current method	1h	3.00h
	2.4.2009	Brainstorming/more research	1.5h	

Angwei	multiple days	Communications	.5h	2h
	2.2.09	Reading up on procedure	1h	
	2.4.09	Searching for related devices and other alternatives	1h	
	2.4.09	Brainstorming	.5h	
<b>Grant</b>	2.3.09	Brainstorming/Research	2h	<b>2h</b>
Padraic	1.30.09	Attended BSAC meeting	.5h	1.5h
	2.2.09	Brainstorming/ Literature Review	1h	

### Project Timeline

Table 1

	January		Feb													
Tasks	23	29														
Project Research																
Brainstorming																
Prototype Design																
Prototype Building																
Testing																
Re-designing																
Re-testing																
Meeting with Client																
Group Meeting																
Presentation																

### Expenses

Currently there is no expense.