

## Intracoronary Wire

**Week 1** – January 23 – January 28

**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

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 weeks progress report, more researching and brainstorming throughout week. Try to come up with a couple plausible 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

- The team met for the first time on Friday, January 23, and team roles were assigned
- Began background research
- Met with client on Tuesday, January 25 (1.5h)

### Activities

Allison	1.26.2009	Researched guidewires in preparation for client	1h	3.00h
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	1.29.2009	Researched previous patents, micromotors, and read through material received from client	2h	
Angwei	multiple days	Communications	.5h	3h
	1.27.08	Reading up on coronary wires	1h	
	1.28.08	Reading up on material provided by client	1h	
	1.29.08	Brainstorming	.5h	
Grant	1.27.2009	Researched similar products	2.5	2.5h
Padraic	1.27.08	Researched micromotors, coronary wires	2h	3h
	1.28.08	Brainstorming	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.