

Intracoronary Wire

Week 13–April 18– April 23

Team Members: Allison McArton – Team leader

Angwei Law – Communications

Padraic Casserly – BSAC

Grant Smith – BWIG

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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

Test and retest current design ideas to find successful prototype design.

Individual Goals

Allison	Create next week's progress report, focus on constructing working prototype, find epoxy to use.
Angwei	Continue communications, test current materials.
Grant	Update website. Also continue testing Nitinol and materials for construction.
Padriac	Attend BSAC meeting, also continue testing current materials to construct final prototype.

Summary of Accomplishment

- Obtained more materials for prototype construction.
- Tested several theories to devise best plan.
- Met with Vik (1h) on 4/21
- Several Team Meetings including: 4/19, 4/21, 4/23

Expenses

Expenses are documented in notebooks.