

Title - Device for administration of intra-ocular injections

Client -

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Advisor –

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Team Members -

Anthony Nelson – Team Leader

Mike Hallam – Communications Director

Brian Asti – BWIG Representative

Ragit Chakravarty – BSAC Representative

Report Period – May 1-7

Problem Statement – To design an attachment to an existing syringe to allow for a doctor to control the plunger from the tip of the syringe, allowing one person to administer injections into the vitreous body of the eye.

Restatement of Team Goals –

- Continue working on device to demonstrate action of the spring
- Purchase materials as needed
- Begin work on final paper and poster presentation
- Update PDS with all applicable changes/modifications

Summary of Accomplishments –

- Updated PDS
- Built device to demonstrate action of the spring on the syringe
- Split up work on final paper and poster session
- Set up meeting time with Mark for final meeting

Statement of Team Goals –

- Finalize the device for demonstrating the spring
- Finish up paper and presentation, including pictures of the “prototype”

Project Schedule –

Week	Date	Activities
1	25 January	form teams, select project, contact client
2	1 February	literature search; meet with client
3	8 February	develop understanding of project; develop PDS
4	15 February	brainstorm
5	22 February	brainstorm; evaluate designs
6	1 March	evaluate designs; decide on final design
7	8 March	work on presentations; advisor review of design notebooks
8	15 March	Mid-semester presentation hand in written report
9	22 March	Work on design
10	29 March	SPRING BREAK
11	5 April	work on design
12	12 April	work on design
13	19 April	work on design
14	26 April	work on design
15	3 May	prepare poster
16	10 May	Final Poster Presentation Hand in final report and notebook to advisor

17	13-17 May	final meetings with advisors
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Difficulties –

- Nothing major

Activities –

- Class time (entire group) – 1.5 hrs
- Individual time outside of class (Everyone) – 1.0 hrs
- Meeting in Lab (everyone) – 1.5 hrs
- Writing progress report (Anthony) – 0.5 hrs