

Progress Report 03/30/2017

Intracranial hemorrhage model for image guided treatment

Client: Dr. Walter Block

Advisor: Dr. Paul Thompson

Design Team:

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Team Goals for the Week:

- Outreach deliverables
- Finalize testing plans
- Begin prep for presentations

Summary of Team Role Accomplishments:

- **Katie Peterson:** Differential equation modeling, update team notebook
- **Mike McGovern:** Edits to protocol for testing with blood, communication with client.
- **Zachary Burmeister:** Matlab Volume calculator.
- **Jin Hwang:** Modify PDS with specifications discussed in the client meeting.
- **Johnny Jansky:** Finished Solidworks modeling for the final model. MRI tested in oil/water and attended client meeting.

Activities:

Date	Name	Task	Time (hrs.)	Weekly Total	Semester Total
	Mike				
3/1/2017		Client Communication	.5		
3/13/2017		Updates to procedure	1	1.5	26
	Jin				
03/27/2017		Revisit Matlab code from DEXA Manipulate ITKsnap	3		

				3	22.75
	Katie				
3/29/2017		Research differential equation modeling of clot model. Go over clot aspiration protocol	2		
				2	25.75
	Zach				
3/28/2017		Matlab Work (3/13-3/28)	8		
				3	23
	Johnny				
3/28/2017		Research, Solidworks printing	1.5		
				1.5	20.3333