

Team #2: Mechanical model for neuro-endoscopic surgical simulation

Team: Kimberli Carlson-Team Leader
Courtney Krueger-Team Communicator
Anyi Wang-BSAC
Alan Meyer-BWIG

Week: October 9, 2010 –October 15, 2010

Client: Dr. Bermans J. Iskandar
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Last Week's Goals

- Continue contact with medical physicist, set up meeting if necessary
- Begin working on 3D model
- Start obtaining materials
- Practice Presentation and Produce final mid-semester report

Accomplishments

- Created power point presentation
- Decided on what MRI format to obtain the scans in
- Contacted medical physicist at hospital to obtain MRI scans in Nifti
- Wrote mid-semester report and revised PDS
- Practiced presentation

Next Week's Goals

- Obtain MRI scans
- Begin working on reconstruction of ventricles
- Begin working on building funnel guide
- Research materials for head shaped container

Difficulties

- Deciding on MRI scan format and software

Team Effort

Team Member	Accomplishments	Time (Hrs)	Running Total (Hrs)
Kimberli Carlson	Wrote and revised report Contacted professor about MRI scan format Power point Presentation	5.5	18.5
Courtney Krueger	Wrote and revised report Contacted client and Contacted medical physicist to let him know MRI format for scans Presentation	5.0	18.0
Anyi Wang	Wrote and revised report Power point Presentation	4.0	14
Alan Meyer	Website Wrote and revised report Power point Presentation	5.0	18.0
Entire Team	Report Power point Presentation	4.0	17.5

Project Schedule

TASK	September				October					November				December		
DATES	3	10	17	24	1	8	15	22	29	5	12	19	26	3	10	17
WORK																
Brainstorming																
Research																
Designing Prototype																
Selecting Prototype																
Obtaining Materials																
Building Prototype																
Testing Prototype																
Modifications																
DELIVERABLES																
PDS																
Mid-Sem. Report																
Mid-Sem. Presentation																
Final Report																
Final Presentation																
Weekly Reports																
Notebooks																
MEETINGS																
Team Meetings																
Client Meetings																
Advisor Meetings																
BSAC Meetings																
Other Meetings																
OTHER																
Web Page																
Special Lectures																

Project Expenses: No expenses to date.