

- **Title**  
Finger switch for electro-cautery surgery
- **Names**  
Luke Harris  
Nick Kortan  
Crystal Marshek  
Andrea Rozmenoski  
Ryan Sydnor  
Valentine Thao  
Mike Wells
- **Date**  
9/27-10/3
- **Problem Statement**  
To modify electro-cauterizing tweezers used during neurosurgery from an on/off switch currently used in conjunction with a foot pedal to an on/off switch located on the shaft of the tweezers.
- **Restatement of Team Goals**  
Development of PDS by 10/5  
Choosing a single design from each design 2-person groups ideas, scheduled for 10/5  
Meet with Dr. Badie to observe tool in use, scheduled for 10/4 or 10/5  
Further discussion of paper and presentation duties, scheduled for 10/5
- **Summary of Accomplishments**  
Met as a group on Friday 9/28.  
Division of PDS occurred  
Met as a 2 person group to discuss designs  
Tried to view surgery on 10/2, but a schedule conflict occurred.
- **Statement of Team Goals**  
We hope to view the cauterizing forceps being used during a surgery on Thursday or Friday. We need to update the PDS (Product Design Specifications) and start working on the presentation and paper.
- **Project Schedule**  
10/4 or 10/5 - View surgery  
10/5 - Finish up PDS, discuss workload for paper and presentation
- **Difficulties**  
Time conflicts for viewing the forceps in use.
- **Activities**  
Crystal - 5 hours total. Met with Luke, tried to observe surgery, worked on progress report and on my section of PDS, tried to contact authors of article I found.  
Luke - 9.5 hours total. BWIG meeting, developing design ideas, article search, tried to observe surgery, met with Crystal, worked on PDS.  
Nick -  
Mike -  
Andrea -  
Ryan -  
Valentine -