**Project Title:** Redesigning intramedullary rod surgical instruments used for canine long bone fracture repair

**Team Members:**
Erik Yusko – Leader  
Danielle Ebben – Communications  
Tony Wampole – BSAC  
Anna Moeller – BSAC  
Jon Sass – BWIG

**Client:**
Tass Dueland, DVM  
UW Veterinary School  
e-mail: duelandt@svm.vetmed.wisc.edu

Professor Ray Vanderby, Jr.  
UW Biomedical Engineering and others  
e-mail: vanderby@orthorehab.wisc.edu

**Date:** 9/28/05 – 10/5/05

**Problem Statement:** Improve the design of an intramedullary rod to fix canine long bone fractures. Specifically a device enabling surgeons to consistently drill to the screw holes in the nails without missing.

**Individual Goals:**
Erik – brainstorming, keep notebook up to date, power point, paper roles  
Danielle – brainstorming, notebook, paper, and power point, contact manufacturer  
Tony – brainstorming, notebook, BSAC, paper and power point  
Anna – brainstorming, notebook, BSAC, paper and power point  
Jon – brainstorming, notebook, BWIG, paper and power point

**Summary of Accomplishments:** The team has developed three design ideas to present in the mid-semester report and power point. We have also divided the mid-semester report into portions for the team to write. Some of the team observed a surgery last Friday where the doctor provided very useful insight.

**Statement of Team Goals:** The team would like to have a finalized design idea by next week at this time. The power point and the paper also must be done by this time next week.

**Rough Project Schedule:**
9/9/05: Met with Client  
9/16/05: Developed a fluid PDS document and began brainstorming  
9/16/05-9/30/05: Evaluated brainstormed ideas. Beginning mid-semester presentation and report.
10/14/05: Present Midsemester presentations  
10/14/05-11/18/05: Build and finalize a prototype or design plans.  
11/18/05-12/2/05: Test prototype, produce final poster presentation & report.
12/2/05: Final Poster Presentations
12/7/05: Final report due.

**Difficulties:** None at the moment.

**Activities week to date:**

- Erik – progress report, notebook, brainstorming, surgery: 4 hours
- Danielle – reading, notebook, report: 4 hours
- Tony – Research and brainstorming: 4 hours
- Anna – further brainstorming, BSAC, report: 4.5 hours
- Jon – BWIG meetings, brainstorming: 4 hours

**Running Total:**

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<tr>
<th>Name</th>
<th>Hours</th>
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<tbody>
<tr>
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