**Project Title:** Redesigning intramedullary rods 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
Prof Emeritus
UW Veterinary School
email: duelandt@svm.vetmed.wisc.edu

**Date:** 9/8/05 – 9/15/05

**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
Danielle – brainstorming, research
Tony – brainstorming, notebook, BSAC
Anna – brainstorming, notebook, BSAC
Jon – brainstorming, notebook, BWIG.

**Summary of Accomplishments:** We have completed a working draft of the PDS. The team individually brainstormed 1-2 ideas to consistently locate the holes in the intramedullary nail (IN). We met as a team on Tuesday to share these ideas and brainstorm together as a group.

**Statement of Team Goals:** The team would like to meet with Tass this week to see the unit assembled as a whole. The goal is to determine where the primary source of movement in the IN-jig apparatus occurs. We would also like to have a three or less finalized ideas to solve the problem by the end of 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: Evaluate brainstormed ideas. Begin 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 if possible, 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, research, notebook, brainstorming: 5 hours
Danielle – arranging meetings, brainstorming, reading: 5.5 hours
Tony – Research and brainstorming 6.5 hours
Anna – Researching nails & current aiming devices used in humans 5 hours
Jon – BWIG meetings, brainstorming 3 hours

Running Total:

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<tr>
<th>Name</th>
<th>Hours</th>
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<tr>
<td>Erik</td>
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