Project: Modifications of monkey restraint device for administration for topical eye drops.

Team Members:
Brian Frederick - Team Leader
Kelly Toy - Communicator
Ross Gerber, Aman Ghotra - BSAC
Kawai Chan, Miguel Benson - BWIG

Client:
B'Ann Gabelt
UW Dept Ophthalmology & Visual Sciences
Phone: 263-5125

Date: 9/24/03 - 9/30/03

Problem Statement: To develop a method of effectively restraining a monkey’s head in conjunction with the existing monkey restraint device. To find a way to effectively stabilize monkey transportation cages when delivering a monkey to its permanent cage.

Restatement of Team Goals: This past week, we wanted to meet again with our clients to observe the administration of eye drops to the monkeys. We also wanted to take digital pictures of the current restraining device and the monkey transport cages to aid our brainstorming.

Summary of Accomplishments: The entire group was able to observe the administration of eye drops to two different sized monkeys. Digital pictures were taken as well. In our groups of two, we continued brainstorming; each group also set up a time to meet this week to brainstorm/work on the report. Several members of our group also took the animal handling course.

Statement of Team Goals: This week, each group of two must complete brainstorming for each aspect of the project. Each group must then compose a preliminary design report including PDS, appendices, etc.

Rough Project Schedule:
9/12/03: Meet with client
9/22/03: Obtain TB tests
9/26/03: Complete Brainstorming
10/03/03: Finish Preliminary Design Reports
10/10/03: Evaluate Ideas, Mid-Semester Presentation
10/20/03 - 12/6/03: Choose final design, build and finalize prototype
12/05/03: Poster Presentation

Difficulties: Because the group wasn’t able to conceptualize the actual process of giving the monkeys eye drops, it was difficult to brainstorm how exactly the monkeys head could be restrained until the process was observed. However, the group is now faced with a deadline for brainstorm completion, consequently rushing the brainstorming process. This can be remedied by keeping our options open even after the groups of two have come together.
Activities:

*Week to date:*

Brian – Met with client, progress report: 2.5 hrs
Ross – Met with client, contacted group: 2.5 hrs
Aman – Met with client, took animal training course: 4.25 hrs
Kelly – Met with client, conversed with client: 3 hrs
Kawai – Met with client, took animal training course: 4.25 hrs
Miguel – Met with client: 2 hrs

*Running Total:*

Brian – 5.5 hrs
Ross – 5.25 hrs
Aman – 7 hrs
Kelly – 8 hrs
Kawai – 5.25 hrs
Miguel – 6.25 hrs