

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: 9/17/03 - 9/23/03

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: We wanted to make sure the team got TB tests, and we wanted to look and see when we could take the animal handling class. We also wanted to continue literature research and brainstorming.

Summary of Accomplishments: The entire group successfully received their TB tests, and those who could took the animal handling course a day ago. Additionally, we brainstormed and did small amounts of research.

Statement of Team Goals: This week, we are going to meet again at the hospital with B'Ann and Jenny at 1:00 PM. At this point, some of our group should be able to observe the actual process. We also need to take digital pictures of the current device, and possibly video tape the administration of the topical eye drops to the non-human primates. In order for this to occur, we may need to sign some sort of consent form with our clients.

Rough Project Schedule:

9/12/03: Meet with client
9/22/03: Obtain TB tests
9/26/03: Complete Brainstorming
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: Although it would be helpful to video tape the administration of topical eye drops to the monkeys, our clients are very secretive about what they do. Consequently, we may have to compromise by signing some sort of secrecy/consent form, binding us to the ultimate secrecy of our project.

Activities:

Week to date:
Brian – Got TB test: .75 hrs

Ross – Got TB test: .75 hrs

Aman – Got TB test, internet research: 1 hrs

Kelly – Got TB test, took animal training course: 3 hrs

Kawai – Got TB test, internet research: 1 hrs

Miguel – Got TB test, took animal training course: 3 hrs

Running Total:

Brian – 3 hrs

Ross – 2.75 hrs

Aman – 2.75 hrs

Kelly – 5 hrs

Kawai – 1 hrs

Miguel – 4.25 hrs