

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: 10/29/03 - 11/04/03

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 go to B'ann's lab to get the measurements of the monkey restraint device last Thursday (10/30/03). Further investigation into materials will be done, and materials will hopefully be ordered by class time this Friday.

Summary of Accomplishments: Measurements of the monkey restraint device were obtained, and a discussion with the client more accurately directed the search for materials. Further research of materials was performed, and contacts were made with local businesses that would have necessary items.

Statement of Team Goals: We would like to purchase the items desired for the chin strap design prototype, and begin the assembly and machining of the prototype. Purchases will most likely be made at local fabric and sporting goods stores, and possibly the tool crib in the Engineering Centers Building.

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: None

Activities:

Week to date:

Brian – Progress report: 0.5 hrs
Ross – Internet research: 0.5 hrs
Aman –Group correspondence: 0.5 hrs

Kelly – Correspondence with client: 0.5 hrs

Kawai – Internet research: 0.5 hrs

Miguel – Internet research, contacted local businesses: 1 hrs

Running Total:

Brian – 19.5 hrs

Ross – 19.75 hrs

Aman – 21.5 hrs

Kelly – 22 hrs

Kawai – 18.25 hrs

Miguel – 19.75 hrs