

Female Barrier Model

Week 11: March 31st – April 6th 2009

Advisor: Professor William Murphy

Client: Marge A. Sutinen

Team members: Karen Chen (Leader)
Tu Hoang Anh Mai (BWIG)
Rexxi Prasasya (Communication/BSAC)

Problem statement: Students in the advance Contemporary Issues of HIV/AIDS of the Medical Genetic department need to learn to demonstrate the proper use of female barriers against sexually transmitted disease by the end of the semester. Currently, an adequate model to show proper use of female barrier is unavailable, thus, instructors have resort to illustrated figure to educate students in this matter. The goal of this project is to design a pelvic model to be used as a teaching tool to demonstrate proper installation of female barrier devices. The model needs to be compatible with over-the-counter female condoms and dental dam.

Last week goals: This week, we hope to get some feedback from the advisor and the client regarding the anatomically incorrect positioning of the vaginal opening. After receiving the advice we should be able to purchase and start modifying the existing inflatable doll. We should have a fully sealed and inflatable pelvic model.

Summary of accomplishments:

- On 4/2, the team met with the advisor to discuss the next steps of the project. The advisor suggested us to prepare for the Outreach and start working on the inflatable model that can best suit our needs (i.e. the opening of the vagina is not anatomically correct). If we are not able to obtain an ideal inflatable model, we could use a model that is the closest to our needs and then switch to a better later.
- On 4/3, the team met to discuss a few things. Outreach: Chou has contacted the Madison high school that is nearby, but the school has not responded. It seemed like Chou contacted the superintendent of the school rather than the principal, thus Rexxi will contact the school principal for more information. The meeting with a girl from the client's HIV/AIDS class: The girl has not replied to us, thus we do not know how to meet her. Contact Mr. Greg Gion for help of the anatomical model: we will contact him soon when we get hold of the pelvic model. The anatomical pelvic model: we will be looking for that soon.
- 4/3: Since the list of tasks on the agenda is pretty much incomplete, we started to look for the anatomical pelvic model. We visited the Zoology department in Noland but found no help, we then visited the anatomy department in the Medical Science building, and we were referred to the Meriter Clinic on 1 S. Park St. The OB/GYN administration in Meriter did not have the pelvic model either, thus

we were referred to the OB/GYN clinic on 20 S. Park St. However, after calling the UW hospital and the clinic (eventually visited the clinic), no models were obtained.

- Later in the day, the client took a trip with the team to the adult entertainment shop, Red Letter News, on E. Washington Ave. Since the client knew the staff in the shop quite well, we were allowed to open one of the inflatable models to examine the location of the opening better. In the end we have determined one of the models has the best opening location, thus the client has purchased the model for us at a discounted price of \$17.

- On 4/6, the team inflates this model to see the exact location of the model.

This week goals: To contact and set up outreach time with the Madison high school; we should definitely find the pelvic model and set up a meeting time with Greg since he replied to us that meeting this week is better.

Project Challenges: Currently, a real challenge for us is to locate a pelvic anatomic model from any department of the university or hospital/clinics.

Activities:

Date	Group/Individual	Description	Hours
4/2	Karen, Rexxi	Meeting with advisor; update current progress	0.50h
4/3	Chou, Karen, Rexxi	- Group meeting - Searched for pelvic model - Trip to Red Letter News with the client	3.00h
4/6	Karen	Progress report	0.75h
4/6	Chou, Karen, Rexxi	Met to inflate the model	
N/A	Chou, Karen, Rexxi	Layout meeting agenda/Contacted Mr. Greg Gion	1.00h

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	January		February				March/April				April/May				
Research									S						
Brainstorming									P						
Prototype Design									R						
Ordering/shopping									I						
Expected Shipping									N						

