

**Outline for Computer Software Education Class: CS92** March 8, 2005

Group Members: Lida Shao, Sarah Bell, Taby Ali  
Jeffrey Peipert MD, Faye Lozowski, Kristen Matteson MD

Working group: STD prevention and diaphragm use

Summary from last meeting

Women will be recruited who are at high risk for sexually transmitted diseases and unintended pregnancy – very similar group to project PROTECT

- Some of these women will actually be women who were involved in project PROTECT and left contact information and permission to be contacted for future studies
- Women must be sexually active and at risk for STD
- Women must be willing to be randomized
- Women must be willing to collect self cultures

These women will be deemed eligible or ineligible

Eligible women will be randomized to one of two groups

- For both groups, baseline information on demographics and “predictors” of contraceptive use and STDs will be collected
  - Ex. Age, education, race, income, history of STDs, pregnancy history, number of past partners, current partner, partner other than primary partner method of birth control
- Group 1: Intervention group
  - This group will receive a computerized intervention that educates them about condom use, STDs, and diaphragm use
  - At the end of the intervention, women will be prompted to let the Research Assistant know if they are interested in being fit for a diaphragm
  - If possible, these interested women will be fitted for a diaphragm at the time of the intervention and given spermicide. If not possible, they will be scheduled for a fitting appointment
  - Women will receive condoms, self collecting culture supplies, and a follow up appointment
- Group 2: Control group
  - This group will receive a computerized intervention that educates them about condom use and STDs only (no diaphragm information)
  - Women will receive condoms, self collecting culture supplies, and a follow-up appointment
- Outcomes to be measured at follow up
  - Contraceptive method usage (specifically diaphragm usage), condom usage, unintended pregnancy, STDs by self-collected cultures