**Quality Improvement Study**

**Measuring Learning Outcomes in Women**

**January 2011**

1. **Purpose of the Study**

FAU SHS is committed to creating a positive, learning environment for women and to promoting healthy behaviors in efforts to reduce risk of acquiring vaginal infections, sexually transmitted diseases and unplanned pregnancies.

The purpose of the study is to demonstrate that our female students have gained knowledge during their appointment time or already are knowledgeable in content specific to women’s health.

1. **Performance Goal**

The performance goal is that 75% of participating female students will demonstrate the presence of, or an increase in knowledge of specific women’s issues regarding health promotion and risk reduction by correctly answering at least 80% (4 out of 5) of the questions on the post-test women’s health assessment quiz following their GYN exam.

1. **Data to be Collected**
   1. The assessment tool will be administered to at least 50 female patients receiving a complete woman’s health exam on any of the three FAU SHS campus clinics.
   2. This locally developed pre and post assessment tool has been approved by the QA Committee. It will be distributed before (pre-test) and then after (post-test) a complete women’s health visit. The opportunity for education and discussion with the provider will be present during the exam period. Related educational material will also be provided during this time. See sample of the assessment tool on next page.

**WOMEN’S HEALTH LEARNING OUTCOME QUESTIONS**

# Indicate actions which would help protect you from acquiring a sexually transmitted disease. (Circle all that apply.)

## Abstain from sexual activity

## Use condoms

## Limit number of sexual partners

## Use oral contraceptives

# What actions help prevent vaginal infections? (Circle all that apply.)

## Douche after period

## Wear cotton underwear

## Use deodorant sanitary pads

D. Use mild, unscented soap

# Oral Contraceptive pills help protect a woman from ovarian cancer and cysts. TRUE or FALSE?

# Cervical cancer is now known to be caused by

## Rotavirus

## Genetics

## High risk HPV (Human Papilloma Virus)

## Frequent yeast infections

5. Most young, healthy women with a good immune system will eliminate the Human Papilloma Virus (HPV) from their body over time. TRUE or FALSE.

1. **Evidence of Data Collection**
   1. Although 50 female students performed the pre-test, three participants did not perform the post-assessment test leaving 47 participants to survey.
   2. 46 out of 47 participants correctly answered at least four out of five questions correctly in the post-test.
2. **Analysis**

97.8% of the participants demonstrated the presence of, or increased knowledge in specific women’s issues on the post-test.

Overall Response Rate

Q = Question

1. **Comparison of Current Performance vs. Goal**

Greater than 75% (97.9%) of participants met the performance goal.

1. **Corrective Actions**

Not indicated because the goal is already reached**.**

1. **Re-Measurement**

Not indicated

1. **Recommendations**
   1. Based on the improvement in knowledge through education during the patient visit, similar pre- and post-assessment tests on other relevant health topics such as men’s health, viral vs. bacterial infections and antibiotic use and abuse, could be beneficial to our student population.
   2. Also recommend discussing pertinent women’s health issues with every annual exam, and using the five topics discussed on the pre-/post-tests as a guide for the discussion.
   3. Educational material should be available for distribution for all women’s health visits.
2. **Reporting and Education**

Initial results of this QI study were discussed during the QMI meeting on 12/9/10.

Results will also be forwarded to the Governing Body, the Medical Executive Committee and SHS staff as needed.