

PERSONALIZED CANCER RISK ASSESSMENT: GENETICS AND GENOMICS IN NURSING PRACTICE

PROGRAM DESCRIPTION:

This three-day didactic program (with an optional 4th day) will provide you with the knowledge and skills necessary to identify individuals at risk for cancer, communicate risk, provide genetic/genomic information and develop personalized cancer risk management plans. Educational methods will include lectures, case presentations, and skill building workshops. Opportunities for networking with faculty and other participants will be provided.

DATES: February 22-24, 2010 **OPTIONAL DAY:** February 25, 2010
TIME: 8:00 A.M. – 4:00 P.M. (ending time varies)
LOCATION: Conference Center Auditorium, Fox Chase Cancer Center

WHO SHOULD ATTEND:

The program is designed for nurses, patient navigators, and health care providers in all practice settings who are involved with cancer patients or individuals who may benefit from personalized cancer risk information for prevention or treatment planning, and have interest in the following:

- Incorporating cancer genetic/genomic information into their practice.
- Learning to identify patients who may benefit from genetic/genomic information or referral.
- Understanding the clinical application related to personalized cancer risk assessment.
- Experience or interest in setting up a cancer risk assessment program or breast care coordinator or patient navigator service
- Obtaining the latest cancer risk-reduction strategies for high-risk populations.

Prior knowledge of genetics/genomics is not a requirement for program audience.

TOPICS INCLUDE:

Basics of cancer genetics and familial cancer (breast, ovarian, colon and prostate):

- Genetic/genomic principles
- Molecular basis of carcinogenesis
- Identifying Patterns of familial cancers
- Known cancer syndromes
- Other genetic conditions that predispose to cancer
- Interaction of genetic and environmental risk factors

Assessment and interpretation of factors which contribute to familial cancer risk:

- Family history
- Assessment of pedigrees for cancer risk
- Personal and medical risks
- Other indicators of hereditary cancer risk or aggressive disease, i.e. pathology, tumor profiles and immunohistochemistry.

Risk counseling and cancer control strategies in nursing practice:

- Evaluation of risk models
- Biological and behavioral aspects of primary prevention
- Medical management and surveillance of high risk populations
- Genetic Testing When and Who to Test
- Interpretation and Impact of Genetic Test Results
- The future of cancer risk assessment: Genetic and Genomic markers for disease risk.

OPTIONAL DAY #4

Administrative aspects of establishing a cancer risk assessment program or Breast Care Coordinator Program

- Risk assessment program development and staffing
- Communicating genetic/genomic risk information to third parties
- Legislation related to genetic privacy and discrimination
- Documentation issues
- Billing and Re-imburement

OBJECTIVES:

At the completion of the three day program you will:

1. Become familiar with the cancer genetic/genomic principles and known cancer syndromes.
2. Learn and demonstrate the basic tools for personalized cancer risk assessment
3. Demonstrate skill in obtaining and interpreting family history information including the development of pedigrees.
4. Discuss the benefits and limitations of genetic testing.
5. Identify principles of risk counseling and cancer control strategies.
6. Discuss potential implications of cancer risk notification.
7. Evaluate *Essential Genetic and Genomic Competencies* in the role of oncology nursing.

CONTACT HOURS: 20 (Approximation)

FEE: Three-day Program \$ 370 Four-day Program \$ 470