

PATIENT CENTERED CARE

Cancer Genetics and Genetic Testing – It’s Not All in the Family



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Kate Foreman, MS, CGC

*Clinical Assistant Professor & Genetic Counselor, Genetics
Genetics*

UNC Lineberger Comprehensive Cancer Center

UNC School of Medicine

University of North Carolina at Chapel Hill

WEBINAR DESCRIPTION

Genetic sequencing technologies are increasingly applied in the oncology setting for a variety of purposes. Genetic testing of tumor specimens can help clarify a diagnosis and inform targeted therapies. Circulating tumor DNA can be detected in blood samples and can also guide therapy as well as monitoring for response to treatment or recurrence. Five to ten percent of cancers are the result of an underlying hereditary syndrome. Dedicated germline (i.e. hereditary) genetic tests are required to identify these syndromes, but other genetic tests may provide clues about the chance of a hereditary syndrome. Inappropriate use of other types of genetic testing to assess germline risk can result in harm to patients.

The purpose of this webinar is to provide education about various oncology genetic tests and their uses, with an emphasis on what those tests may (or may not) tell us about underlying hereditary risk. We will illustrate this with case examples, including a recent case referred to us who underwent prophylactic surgeries after being told she had BRCA1/2 associated hereditary breast and ovarian cancer syndrome following incorrect ordering of a test that did not address germline risk and misinterpretation of the results.



The program was co-provided with the Greensboro Area Health Education Center.

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Activity Directors: William A Wood, MD, MPH, and CPD staff have no relevant financial relationships with commercial interests as defined by the ACCME.

Speaker(s): Kate Foreman, MS, CGC has no relevant financial relationships with commercial interests as defined by the ACCME.

ACCREDITATION

NCPD/CNE: The Greensboro Area Health Education Center is approved as a provider of nursing continuing professional development by the North Carolina Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

To successfully complete this program and be awarded 1 contact hour you must attend at least 50 minutes of the seminar and complete the online evaluation.

ACPE: The UNC Eshelman School of Pharmacy Postgraduate/Continuing Education (PGCE) Program provides accredited professional educational activities for pharmacists and pharmacy technicians. The Eshelman School of Pharmacy of the University of North Carolina at Chapel Hill designates this live activity for a maximum of 1.0 ACPE Credit(s).

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