



Genetics for the Breast Care Provider

Wednesday, April 29, 2020

8:00 AM-4:30 PM

COURSE MODERATORS: Kevin Hughes, MD; Molly Sebastian, MD

FACULTY: Paul Baron, MD; David Euhus, MD; Kevin Hughes, MD; Kelly Metcalfe, RN, PhD; Jennifer Plichta, MD; Molly Sebastian, MD; Linda Smith, MD; Walton Taylor, MD; Pat Whitworth, MD

COURSE DESCRIPTION:

Full day course of engaging didactic talks to update breast surgeons current evidence regarding the scope of pathogenic mutations in our population, indications for testing, strategies to deliver effective testing, implications of results, management strategies and what the future might hold in this dynamic area of research.

COURSE OBJECTIVES:

At the conclusion of this course, participants should be able to:

- Describe the importance of identifying pathogenic mutations among breast cancer patients and their family members, as well as the unaffected public (the scope of the problem).
- Outline the criteria used to identify who should be offered genetic testing (i.e patient identification and review important components of informed consent).
- Describe the process of pretest counseling.
- Discuss the differences among labs offering germline genetic testing and how to implement testing into clinical practice.
- Discuss the management options of pathogenic variants, negative test results, and variants of uncertain significance (review test results and implications for cancer risk and management).
- Provide details of the most common pathogenic mutations, moderate and lower risk mutations, and appropriate risk management options.

CME Information:

The American Society of Breast Surgeons designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Genetics for the Breast Care Provider

Wednesday, April 29, 2020

PRELIMINARY AGENDA

7:30 AM-8:00 AM	Check-in and Breakfast	
8:00 AM-8:05 AM	Welcome and Introduction	Molly Sebastian, MD
	<i>The Problem, the Genes, and the Patients</i>	
8:05 AM-8:30 AM	Genetic Testing: Defining the Problem and the Surgeon's Role in the Solution	Kevin Hughes, MD
8:30 AM-9:15 AM	Genes and Pathways: How Pathogenic Variants Result in Elevated Cancer Risk	David Euhus, MD
9:15 AM-9:45 AM	Who Needs to be Tested?	Jennifer Plichta, MD
9:45 AM-10:00AM	Panel Discussion	Faculty
10:00 AM-10:15 AM	Break	
	<i>Counseling and Test Interpretation</i>	
10:15 AM-11:00 AM	Pretest Counseling: Can it be Abbreviated or Eliminated Safely? What does the Evidence Support?	Kelly Metcalfe, RN, PhD
11:00 AM-11:40 AM	How to Get Genetic Testing Done	Paul Baron, MD Linda Smith, MD
11:40 AM-12:00 PM	Panel Discussion	Faculty
12:00 PM -1:00 PM	Lunch	
	<i>Management Overview and Beyond the Basics</i>	
1:00 PM -1:30PM	Just the Facts: Test Result Interpretation, Management and Follow-Up	Kevin Hughes, MD
1:30 PM -2:00 PM	Post-Test Counseling	Molly Sebastian, MD
2:00 PM -2:30 PM	Flash Review – Most Common Hereditary Syndromes Effecting Breast Cancer Risk	Jennifer Plichta, MD
2:30 PM -2:45 PM	Break	
	<i>Implementation and the Future</i>	
2:45 PM -3:15 PM	Interpretation of Genetic Test Results that are NOT from Clinical Labs	Pat Whitworth, MD
3:15 PM -4:00 PM	What Can we Expect in the Future?	Walton Taylor, MD
4:00 PM -4:30 PM	Panel Discussion and Q&A	Faculty
4:30 PM	Adjourn	
