Putting It in Perspective: Clinical Investigators Discuss the Use of Biomarkers to Guide Adjuvant Therapy for Breast and Colon Cancer

CME Information

TARGET AUDIENCE
This educational activity has been designed to meet the educational needs of medical oncologists, hematology-oncology fellows, nurse practitioners and other healthcare providers involved in the treatment of breast and colon cancer.

OVERVIEW OF ACTIVITY
Many controversies and clinical questions currently surround the management of localized breast and colorectal cancers. Central among these is the use and effectiveness of available biomarkers in guiding decision-making regarding adjuvant treatment. This CME program brings together leading clinical investigators in the fields of breast and colon cancer to provide perspectives on the development, assessment and clinical utility of select genomic assays and biomarkers that are available to assist clinicians managing these highly prevalent diseases. By reviewing available clinical trial data and relevant case scenarios, this initiative will help learners to ascertain the effectiveness of diagnostic, prognostic and predictive biomarkers as they relate to the adjuvant treatment of breast and/or colorectal cancer.

LEARNING OBJECTIVES
• Recognize the evolving application of biomarkers and multigene assays in the management of breast and colon cancer, and effectively use these tools to refine or individualize treatment plans for selected patients.
• Determine the utility of the Oncotype DX® Recurrence Score® assay in counseling patients with ER-positive early breast cancer about their risk of recurrence and the potential benefits of adjuvant chemotherapy.
• Counsel patients with Stage II and Stage III colon cancer about their individual risk of recurrence based on clinical, pathologic and genomic biomarkers, and consider adjuvant therapeutic options based on an evaluation of this information.
• Assess the utility of the Oncotype DX DCIS Score assay in counseling patients with DCIS about their risk of recurrence and the potential benefits of radiation therapy.
• Evaluate the evidence-based benefits of adjuvant chemotherapy for patients with Stage II colon cancer and the risks and benefits of oxaliplatin-containing chemotherapy in lower-risk Stage III disease.
• Counsel appropriately selected patients about participation in ongoing clinical trials.

ACCREDITATION STATEMENT
Research To Practice is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT
Research To Practice designates this enduring material for a maximum of 2 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

HOW TO USE THIS CME ACTIVITY
This CME activity consists of a video component. To receive credit, the participant should watch the video, complete the Post-test with a score of 75% or better and fill out the Educational Assessment and Credit Form located at ResearchToPractice.com/BiomarkersTT115/Video/CME.

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FACULTY — The following faculty (and their spouses/partners) reported real or apparent conflicts of interest, which have been resolved through a conflict of interest resolution process:
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MODERATOR — Dr Love is president and CEO of Research To Practice, which receives funds in the form of educational grants to develop CME activities from the following commercial interests: AbbVie Inc, Amgen Inc, Astellas Scientific and Medical Affairs Inc, AstraZeneca Pharmaceuticals LP, Bayer HealthCare Pharmaceuticals, Budesonide Inc, bioTheranostics Inc, Boehringer Ingelheim Pharmaceuticals Inc, Boston Biomedical Pharma Inc, Bristol-Myers Squibb Company, Celgene Corporation, Clovis Oncology, Daiichi Sankyo Inc, Dendreon Corporation, Eisai Inc, Exelixis Inc, Foundation Medicine, Genentech BioOncology, Genomic Health Inc, Gilead Sciences Inc, ImmunoGen Inc, Incyte Corporation, Janssen Biotech Inc, Jazz Pharmaceuticals Inc, Lilly, Medivation Inc, Merck, Myriad Genetic Laboratories Inc, NanoString Technologies, Novartis Pharmaceuticals Corporation, Novocure, Onyx Pharmaceuticals, an Amgen subsidiary, PharmaciesInc, Prometheus Laboratories Inc, Regeneron Pharmaceuticals, Sanofi, Seattle Genetics, Sigma-Tau Pharmaceuticals Inc, Sirtrix Medical Ltd, Spectrum Pharmaceuticals Inc, Taiho Oncology Inc, Takeda Oncology, Teva Oncology, Tokai Pharmaceuticals Inc and VisionGate Inc.

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Hardware/Software Requirements:  
A high-speed Internet connection  
A monitor set to 1280 x 1024 pixels or more  
Internet Explorer 7 or later, Firefox 3.0 or later, Chrome, Safari 3.0 or later  
Adobe Flash Player 10.2 plug-in or later  
Adobe Acrobat Reader (Optional) Sound card and speakers for audio

Last review date: July 2015  
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Fehrenbacher L et al. NSABP B-47: A randomized phase III trial of adjuvant therapy comparing chemotherapy alone to chemotherapy plus trastuzumab in women with node-positive or high-risk node-negative HER2-low invasive breast cancer. *Proc ASCO* 2013;Abstract TPS1139.


