An Audio Review Journal for Surgeons Bridging the Gap between Research and Patient Care

FACULTY INTERVIEWS

Eleftherios P Mamounas, MD, MPH Daniel F Hayes, MD Stephen B Edge, MD Eric P Winer, MD

EDITOR

Neil Love, MD

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2 Audio CDs





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AUDIO PROGRAM GUIDE

CD₁

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P D A T

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BCUS 2011 Vol 10 – ISSUE 1



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Breast Cancer Update for Surgeons

A Continuing Medical Education Audio Series

OVERVIEW OF ACTIVITY

Historically, surgery has been the primary mode of treatment for early breast cancer. However, the diagnostic, surgical and medical management of breast cancer has escalated in complexity because of numerous advances in novel technologies and available adjunctive medical therapies. Hence, the multifaceted treatment of breast cancer now requires the input of an interdisciplinary group of expert care providers. This paradigm shift has created the challenge of ensuring that major clinical advances in local and systemic breast cancer therapy are effectively disseminated among all members of the crossfunctional team. To bridge the gap between research and patient care, *Breast Cancer Update* for Surgeons uses one-on-one interviews with leading breast cancer investigators to translate the latest research developments into clinical practice. By providing access to cutting-edge data and expert perspectives, this CME program assists breast surgeons in the formulation of up-to-date clinical management strategies.

LEARNING OBJECTIVES

- Use genomic assays to quantify recurrence risk and aid in individualized recommendations for systemic therapy for
 postmenopausal patients with node-negative or node-positive, ER-positive breast cancer.
- Evaluate issues related to the accuracy, reliability and interpretation of the ER and HER2 status of breast tumors in the context of local laboratory practices and national guidelines.
- Formulate an evidence-based approach to the surgical management of patients with a positive sentinel lymph node biopsy.
- Assess long-term outcomes with magnetic resonance imaging and screening compared to prophylactic mastectomy for women with BRCA mutations and family history of premenopausal breast cancer.
- Develop an approach to monitor and facilitate patient adherence to orally administered antineoplastic therapies.
- Counsel appropriately selected patients about the option of participating in ongoing clinical trials.

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Breast Cancer Update for Surgeons — Issue 1, 2011

QUESTIONS (PLEASE CIRCLE ANSWER):

- The NSABP-B-32 trial for patients with clinically node-negative breast cancer evaluated sentinel lymph node resection (SLNR) with conventional axillary lymph node dissection (ALND) versus SLNR alone or with ALND only if sentinel nodes were positive.
 - a. True
 - b. False
- The Phase II ACOSOG-Z1071 study is evaluating the role of sentinel lymph node biopsy and ALND after preoperative chemotherapy for patients with pathologically node-positive breast cancer at initial diagnosis.
 - a. True
 - b. False
- 3. The TAILORx study is evaluating adjuvant hormonal therapy with or without combination chemotherapy in women with _______, ER-positive breast cancer who have intermediate Oncotype DX® Recurrence Scores® of 11 to 25.
 - a. Node-positive
 - b. Node-negative
 - c. Both a and b
- 4. The NSABP-B-43 trial is evaluating

 as a radiosensitizer for
 women with HER2-positive DCIS who
 undergo lumpectomy and receive
 radiation therapy.
 - a. Lapatinib
 - b. Gefitinib
 - c. Trastuzumab
 - d. T-DM1

- 5. Which genomic assay requires freshfrozen tumor specimens?
 - a. Oncotype DX
 - b. MammaPrint®
 - c. Both a and b
 - d. Neither a nor b
- 6. The Phase II ACOSOG-Z0011 trial randomly assigned patients with clinical T1-2NOMO breast cancer and a positive sentinel node to ALND versus no ALND.
 - a. True
 - b. False
- 7. RxPONDER is a retrospective study of outcomes among patients with hormone receptor-positive, HER2-negative, node-negative breast cancer who had Oncotype DX Recurrence Scores of 25 or lower and received endocrine therapy alone or with chemotherapy.
 - a. True
 - b. False
- 8. The NSABP-B-47 trial is evaluating adjuvant chemotherapy with and without trastuzumab in patients with breast cancer.
 - a. HER2-positive, node-negative
 - b. HER2-negative, node-negative
 - c. HER2-positive, node-positive
 - d. HER2-low, node-positive or high-risk node-negative

EDUCATIONAL ASSESSMENT AND CREDIT FORM

Breast Cancer Update for Surgeons — Issue 1, 2011

Research To Practice is committed to providing valuable continuing education for oncology clinicians, and your input is critical to helping us achieve this important goal. Please take the time to assess the activity you just completed, with the assurance that your answers and suggestions are strictly confidential.

PART ONE — Please tell us about your experience with this educational activity

How would you characterize your level of knowledge on the following topics?

	4 = Excellent	3 = Good	2 = Adequate	1 = Suboptimal
			BEFORE	AFTER
NSABP-B-47: A Phase III trial of or without trastuzumab in HER2-			4 3 2 1	4 3 2 1
Prognostic and predictive value of Score for postmenopausal patient node-positive early breast cancer	f the Onco <i>type</i> D) ts with node-nega	K Recurrence tive and	4 3 2 1	4 3 2 1
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Ongoing prospective studies — To the Onco <i>type</i> DX assay in early br		ONDER — of	4 3 2 1	4 3 2 1
ACOSOG-Z0011: ALND versus no sentinel lymph node metastasis	ALND for patient	ts with	4 3 2 1	4 3 2 1
Was the activity evidence based, f ☐ Yes ☐ No ☐	fair, balanced and f no, please expla			
Please identify how you will chang that apply).	ge your practice a	is a result of co	ompleting this act	ivity (select all
Change the management and	or treatment of m	ny patients		
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Other (please explain): If you intend to implement any ch The content of this activity match Yes No	ed my current (or f no, please expla	r potential) sco	provide 1 or more	examples:
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EDUCATIONAL ASSESSMENT AND CREDIT FORM (continued)

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Eleftherios P Mamounas, MD, MPH	4	3	2	1	4	3	2	1
Daniel F Hayes, MD	4	3	2	1	4	3	2	1
Stephen B Edge, MD	4	3	2	1	4	3	2	1
Eric P Winer, MD	4	3	2	1	4	3	2	1
Editor	Knowledge of subject matter						educato	
Neil Love, MD	4	3	2	1	4	3	2	1
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