Breast Cancer®

An Audio Review Journal for Nurses

Management of Breast Cancer in the Adjuvant and Metastatic Settings

EDITOR

Neil Love, MD

FACULTY

Kathy D Miller, MD

Barbara Harkins, RN, MN

Joanne L Blum, MD, PhD

Additional comments by

a woman with breast cancer



A Continuing Nursing Education Audio Series

STATEMENT OF NEED/TARGET AUDIENCE

Medical oncology, particularly breast cancer, is one of the most rapidly advancing and developing fields of medicine. The constant emergence of new systemic agents, new indications for existing systemic agents, novel therapies, clinical trials and research findings demands that oncology nurses remain dedicated to continuing education in order to offer their patients the best care possible. This program provides registered nurses access to the most up-to-date research developments in breast cancer and the opinions of oncology nurses and research leaders with experience and expertise in the field. This information can be effectively translated into everyday patient management decisions.

PURPOSE STATEMENT

To present the most current research developments in breast cancer and to provide the perspectives of medical oncologists, oncology nurses and patients on the diagnosis and treatment of breast cancer.

EDUCATIONAL OBJECTIVES FOR THIS ISSUE OF BREAST CANCER UPDATE FOR NURSES

- Discuss the clinical implications of emerging clinical trial data in breast cancer treatment and how to incorporate these data into management strategies in the adjuvant, neoadjuvant and metastatic settings.
- Discuss the selection and sequencing of endocrine therapy in the adjuvant and metastatic settings.
- Describe the risks and benefits of chemotherapeutic agents and regimens in the adjuvant and metastatic settings.
- Describe the computerized risk models and genetic markers to determine prognostic information on the quantitative risk of breast cancer relapse.
- Explain the risks and benefits of incorporating biologic agents in the adjuvant and metastatic settings.

ACCREDITATION STATEMENTS

CNA/ANCC

This educational activity for 3.1 contact hours is provided by Postgraduate Institute for Medicine (PIM). PIM is an approved provider of continuing education by the Colorado Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

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A statement of credit will be issued only upon receipt of a completed activity evaluation form and a completed posttest with a score of 70% or better. Your statement of credit will be mailed to you within three weeks.

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This is an audio CNE activity. This book contains a continuing nursing education Post-test, and the corresponding website <code>BreastCancerUpdate.com/Nurses</code> includes links to relevant full-text articles and abstracts. There are no fees for participating and receiving CNE credit for this activity. To receive credit during the period of October 2006 through October 2007, participants should read the learning objectives and faculty disclosures, listen to the CDs, review the internet references and complete the Post-test and Evaluation Form located in the back of this book or on the <code>BreastCancerUpdate.com/Nurses</code> website and mail or fax the Evaluation Form to Postgraduate Institute for Medicine.

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FACULTY AFFILIATIONS

Kathy D Miller, MD

Sheila D Ward Scholar of Medicine Associate Professor of Medicine Department of Hematology/Oncology Indiana University School of Medicine Indianapolis, Indiana

Barbara Harkins, RN, MN

Director of Division of Protocol Development and Management National Surgical Adjuvant Breast and Bowel Project Pittsburgh, Pennsylvania

Joanne L Blum, MD, PhD

Director, Hereditary Cancer Risk Program and Research Site Leader Baylor-Charles A Sammons Cancer Center Dallas, Texas

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QUESTIONS (PLEASE CIRCLE ANSWER):

1.	Patients with node-negative, ER-
	positive disease and a high recurrence
	score according to the Onco <i>type</i> DX™
	assay have been shown to benefit from
	adjuvant

- a. Tamoxifen
- b. Anastrozole
- c. Fulvestrant
- d. Chemotherapy
- 2. Aromatase inhibitor monotherapy is _____ in premenopausal women in the treatment of breast cancer.
 - a. Effective
 - b. Ineffective
- 3. Which of the following adverse events are increased among women taking tamoxifen?
 - a. Endometrial cancer
 - b. Thromboembolic events
 - c. Fractures
 - d. Both a and b
- 4. Clinical trials have demonstrated that bisphosphonates may be able to eliminate the bone loss associated with aromatase inhibitors.
 - a. True
 - b. False
- Clinical trials have demonstrated that the optimal duration of adjuvant tamoxifen therapy is 10 years.
 - a. True
 - b. False
- Clinical trials, including NSABP-B-31, have reported that adjuvant trastuzumab administered to a patient with HER2positive breast cancer reduces her relastive risk of recurrence by approximately ______.
 - a. 10 percent
 - b. 20 percent
 - c. 30 percent
 - d. 40 percent
 - e. 50 percent

- 7. Trastuzumab is administered by infusion on a schedule.
 - a. Weekly
 - b. Every three-week
 - c. Weekly or every three-week
- 8. Patients on trastuzumab typically experience which of the following side effects?
 - a. Hair loss
 - b. Nausea and vomiting
 - c. Low blood counts
 - d. None of the above
- 9. The risk of cardiotoxicity is increased when trastuzumab is combined with which of the following?
 - a. Anthracyclines
 - b. Aromatase inhibitors
 - c. Taxanes
- 10. NSAPB-B-40 is a clinical trial of neoadjuvant chemotherapy with _____
 - a. Trastuzumab
 - b. Bevacizumab
 - c. Fulvestrant
- 11. Hypertension is a potential side effect of bevacizumab.
 - a. True
 - b. False
- 12. NSABP-B-35 compares anastrozole to tamoxifen in the treatment of postmenopausal women with
 - a. Ductal carcinoma in situ
 - b. Invasive breast cancer
 - c. Inflammatory breast cancer
 - d. Both b and c
- 13. Which of the following are advantages associated with *nab* paclitaxel?
 - a. No need to administer premedication
 - b. Shorter infusion time
 - c. Lower incidence of allergic reactions
 - d. All of the above
 - e. None of the above

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Please answer the following questions by circling the appropriate rating:

Postgraduate Institute for Medicine (PIM) respects and appreciates your opinions. To assist us in evaluating the effectiveness of this activity and to make recommendations for future educational offerings, please take a few minutes to complete this evaluation form. You must complete this evaluation form to receive acknowledgment of participation for this activity.

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☐ Enhanced my current knowledge base.

The information presented (check all that apply):

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Will the information presented cause you to make	ce any changes in your practice?
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If yes, please describe any change(s) you plan to	o make in your practice as a result of this activity:
How committed are you to making these change	
(5 = very committed; 1 = not at all committed)	5 4 3 2 1
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Do you feel future activities on this subject matter	er are necessary and/or important to your practice?
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Please list any other topics that would be of inte	erest to you for future educational activities:
Additional comments about this activity:	
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Yes, I am willing to participate in a follow-up survey.	 No, I am not willing to participate in a follow-up survey.
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Editor/CME Director Neil Love, MD

Associate Editors Richard Kaderman, PhD Kathryn Ault Ziel, PhD

Writers Lilliam Sklaver Poltorack, PharmD

Douglas Paley

Continuing Education Administrator for Nursing Sally Bogert, RNC, WHCNP

Content Validation Margaret Peng

Ginelle Suarez Frin Wall

Director, Creative and Copy Editing Aura Herrmann

Creative Manager Fernando Rendina

Graphic Designers Jason Cunnius Shantia Daniel

Senior Production Editor Alexis Oneca

Managing Production Coordinator Tere Sosa

Copy Editors Dave Amber

Mary DiNunzio Rosemary Hulce Pat Morrissey/Havlin Carol Peschke

Susan Petrone

Production Manager Patricia Kappes

Audio Production Frank Cesarano
Technical Services Arly Ledezma

Web Master John Ribeiro

Contact Information Neil Love, MD

Research To Practice One Biscayne Tower

2 South Biscayne Boulevard, Suite 3600

Miami, FL 33131

Fax: (305) 377-9998 Email: NLove@ResearchToPractice.net

For CE Information Email: CME@ResearchToPractice.net

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