Breast Cancer®

An Audio Review Journal for Nurses Management of Breast Cancer in the Adjuvant and Metastatic Settings

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BREAST CANCER UPDATE FOR NURSES

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 and oncology nurses 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 STATEMENT

CNA/ANCC

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CNE INFORMATION



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POST-TEST

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QUESTIONS (PLEASE CIRCLE ANSWER):

- 1. Aromatase inhibitors can be effective in _____ patients with hormone receptor-positive breast cancer.
 - a. Premenopausal
 - b. Postmenopausal
 - c. Both pre- and postmenopausal
- 2. Patients with node-negative, ERpositive disease and a high recurrence score according to the Oncotype DX[™] assay have been shown to benefit from adjuvant ______.
 - a. Fulvestrant
 - b. Anastrozole
 - c. Chemotherapy
 - d. All of the above
- 3. The Onco*type* DX assay can be used to determine the risk of distant recurrence at 10 years in tamoxifen-treated patients with node-negative, ER-positive breast cancer.
 - a. True
 - b. False
- 4. Peter Ravdin's Adjuvant! computer model (<u>adjuvantonline.com</u>) allows healthcare professionals to enter patient and tumor characteristics to predict
 - a. Risk of recurrence
 - b. Benefit from adjuvant therapy
 - c. Both a and b
- 5. Clinical trials have reported that adjuvant trastuzumab administered to a patient with HER2-positive breast cancer reduces her risk of recurrence by approximately ______.
 - a. 10 percent
 - b. 20 percent
 - c. 50 percent
 - d. 70 percent
 - e. 90 percent

- 6. *Nab* paclitaxel ______ require the use of steroid premedication.
 - a. Does
 - b. Does not
- The incidence of cardiac toxicity with concurrent adjuvant chemotherapy and trastuzumab is approximately ______.
 - a. Zero percent
 - b. Four percent
 - c. 10 percent
 - d. 20 percent
- 8. In patients with breast cancer, which side effect is most commonly associated with bevacizumab?
 - a. Neutropenia
 - b. Alopecia
 - c. Hypertension
 - d. Mucositis
- - a. Increased
 - b. Decreased
- 10. In the pivotal trial comparing paclitaxel to *nab* paclitaxel, the patients who received ______ had a significantly higher response rate and improved time to disease progression.
 - a. Paclitaxel
 - b. Nab paclitaxel
- 11. Which of the following adverse events occur less frequently with aromatase inhibitors than with tamoxifen?
 - a. Endometrial cancer
 - b. Thromboembolic events
 - c. Fractures
 - d. Both a and b

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Please answer the following questions by circling the appropriate rating:							
5 =	4 =	3 =	2 =	1 =			
Outstanding	Good	Satisfactory	Fair	Poor			

EXTENT TO WHICH PROGRAM ACTIVITIES MET THE IDENTIFIED GOAL

To present the most current research developments in breast cancer and				
to provide the perspectives of medical oncologists and oncology nurses				
on the diagnosis and treatment of breast cancer	5 4	43	2	1

EXTENT TO WHICH PROGRAM ACTIVITIES MET THE IDENTIFIED OBJECTIVES Upon completion of this activity, participants should be better able to:

•	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	

EFFECTIVENESS OF THE INDIVIDUAL FACULTY MEMBERS

Faculty	Knowledge of subject matter		Knowledge of subject matter Effe				Effec	Effectiveness as an educato				educator
Charles L Vogel, MD	5	4	3	2	1		5	4	3	2	1	
Alisha Stein, RNC, BSN, OCN	5	4	3	2	1		5	4	3	2	1	
G Thomas Budd, MD	5	4	3	2	1		5	4	3	2	1	
Desiree Grogan, RPA-C	5	4	3	2	1		5	4	3	2	1	

OVERALL EFFECTIVENESS OF THE ACTIVITY

Will assist me in improving patient care	5	4	3	2	1
Fulfilled my educational needs.	5	4	3	2	1
Avoided commercial bias or influence	5	4	3	2	1

IMPACT OF THE ACTIVITY

The information presented (check all that apply):

 \Box Reinforced my current practice/treatment habits. \Box Enhanced my current knowledge base.

	11 / 7	101	

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IMPACT OF THE ACTIVITY (CONTINUED)						
Will the information presented cause you to make any changes in your practice?						
□ Yes □ No						
If yes, please describe any change(s) you plan to make in your practice as a result of this activity:						
How committed are you to making these changes?						
(5 = very committed; 1 = not at all committed)						
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Do you feel future activities on this subject matter are necessary and/or important to your practice?						
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Please list any other topics that would be of interest to you for future educational activities:						
Additional comments about this activity:						
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