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THE PENNSYLVANIA STATE UNIVERSITY
PENN STATE MILTON S. HERSHEY MEDICAL CENTER
DEPARTMENT OF CONTINUING EDUCATION G220
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HERSHEY, PA 17033-0851

Visit our website: pennstatehershey.org/ce

 ONS The Oncology Nursing Society

Chemotherapy and Biotherapy



March 19–20, 2013
and
May 15–16, 2013

30 Hope Drive, Room 2702 A/B
East Health Campus
Penn State Milton S. Hershey Medical Center
Hershey, Pennsylvania 17033



Included in the fee for the ONS program is a copy of the *NEW Chemotherapy and Biotherapy Guidelines and Recommendations for Practice, 3rd Ed.* book.



A continuing education service of Penn State College of Medicine and Penn State Milton S. Hershey Medical Center, Nursing Education and Professional Development

General Information

The Oncology Nursing Society's (ONS) Chemotherapy and Biotherapy Course provides a comprehensive review of the knowledge needed to administer cytotoxic and biotherapeutic agents. The course content is appropriate for nurses who are new to chemotherapy/biotherapy administration in the oncology setting or for those who want a comprehensive review of this topic.

Nurses without oncology experience may not have sufficient background to place the information into context. They should consider a basic review course or self-study prior to attending. For nurses administering these drugs in non-oncologic settings, the Treatment Basics Course may be more appropriate.

Audience

The intended learner for this program is a licensed registered nurse with a minimum of six months employment as a nurse, who possesses a basic understanding of cancer biology.

Objectives

Upon completion of the course, participants will be able to:

- A. Identify various therapeutic modalities used to treat cancer with emphasis on chemotherapy and biotherapy
- B. Describe the investigational process all drugs undergo to gain approval for use
- C. Review ethical and legal issues related to cancer therapy
- D. Identify factors affecting response to cancer therapy
- E. Identify selected commonly used agents, their mechanisms of action, and any unique administration issues
- F. Discuss safety precautions necessary when handling cytotoxic agents
- G. Review chemotherapy dose calculations and practice examples
- H. Identify nursing procedures and interventions for administering cytotoxic and biologic agents
- I. Discuss two immediate complications of cancer therapy, extravasation and hypersensitivity, and the nursing measures required to prevent and/or reduce these complications
- J. Identify selected systemic side effects of cytotoxic and biotherapeutic agents and the nursing interventions required to manage these side effects
- K. Review specific patient and family education that may prevent and/or reduce the impact of systemic side effects

Course Requirements

All of the following requirements must be met:

- Attend the course in its entirety
- Score a minimum of 80% on the post-test
- Submit the course evaluation within one week of the close of the course

Only registered nurses are eligible to receive the ONS Chemotherapy and Biotherapy Provider Card. This card validates that the registered nurse has the theoretical foundation needed to administer cytotoxic and biotherapeutic agents. The card is valid for two years.

Credit

ONS will award 13.5 contact hours to registered nurses who attend this program in its entirety, earn at least 80% on the exam, and submit the course evaluation.

ONS is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

ONS is approved as a provider of continuing nursing education by the California Board of Registered Nursing, Provider No. 2850.

This is not a competency or certification course. The individual employer or institution should determine clinical competency.

It is our policy to ensure balance, independence, objectivity, and scientific rigor in all of our sponsored educational programs. Faculty and course directors have disclosed relevant financial relationships with commercial companies, and Penn State has a process in place to resolve any conflict of interest. Complete faculty disclosure will be provided to program participants at the beginning of the activity.

Fees

The fee of \$250 includes all course materials, including a copy of the *Chemotherapy and Biotherapy Guidelines and Recommendations for Practice, 3rd Ed.*; instruction; handouts; and light break refreshments.

NOTE ABOUT LUNCH—Lunch is not included either day.

You may want to bring the following for note taking:

- Multi-colored highlighters
- Page tabs
- Calculator for test

Future dates for ONS Chemotherapy & Biotherapy Course are: September 17–18, 2013, and October 15–16, 2013
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Registration

Registration is required no later than three weeks prior to the course, so that we can order course materials. Register online, by fax, or by mail. Registrations will be confirmed by email upon receipt of payment, authorization to bill, or a credit card guarantee. If you do not receive a confirmation from Penn State within two weeks, phone 717-531-6483 to confirm your registration. Walk-ins cannot be accepted.

Cancellation Policy

Cancellations received later than two weeks prior to the program will be assessed a \$25 processing fee for both program days. No refunds will be made for cancellations received later than three working days prior to the program. Substitutes are accepted.

Please provide a cell phone number so we can reach you in the event of last-minute changes or cancellation. The University reserves the right to cancel or postpone any course or activity because of insufficient enrollment or other unforeseen circumstances. If a program is canceled or postponed, the University will refund registration fees but cannot be held responsible for any related costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Preregistered participants will be notified if a program is filled or canceled.

Access

Penn State encourages qualified persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact us at least one week prior to your visit.

Speakers

Tara Baney, MS, RN, ANP-BC, AOCN®
Nurse Practitioner
Penn State Hershey Medical Group
Penn State Hershey Cancer Institute
State College, Pennsylvania

Mary Lou Kanaskie, MS, RN-BC, AOCN®
Clinical Nurse Educator
Penn State Milton S. Hershey Medical Center
Hershey, Pennsylvania

Michelle Kopp, MSN, RN, AOCNS®
Nurse Manager, Adult Hematology/Oncology Transplant Unit
Penn State Milton S. Hershey Medical Center
Hershey, Pennsylvania

Program

Day 1—March 19/May 15, 2013

7:30 a.m. Final registration

- 8:00
1. **Introduction**
 - A. Definition of cancer
 - B. Treatment modalities
 - C. Drug development process/clinical trial process
 - D. Ethical and legal issues
 2. **Goals of Cancer Therapy and Measuring Response**
 3. **Principles of Chemotherapy**
 4. **Principles of Biotherapy**
 5. **Principles of Targeted Therapy**
 6. **Safe Practice Considerations**
 7. **Administration**
 - A. Dose determination
 - B. Pretreatment care
 - C. Routes of administration
 - D. Immediate complications of cytotoxic therapy
 8. **Care of the Patient Receiving Chemotherapy/Biotherapy**

5:00 p.m. Adjournment

For More Information or to Register Online

- Call: 717-531-6483
- Email: ContinuingEd@hmc.psu.edu
- Web: pennstatehershey.org/ce

This publication is available in alternative media on request.

The Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities. It is the policy of the University to maintain an academic and work environment free of discrimination, including harassment. The Pennsylvania State University prohibits discrimination and harassment against any person because of age, ancestry, color, disability or handicap, genetic information, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status and retaliation due to the reporting of discrimination or harassment. Discrimination, harassment, or retaliation against faculty, staff, or students will not be tolerated at The Pennsylvania State University. Direct all inquiries regarding the Nondiscrimination Policy to the Affirmative Action Director, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901; tel 814-863-0471/TTY. U.Ed. MED 13-048 beeb

Program

Day 2—March 20/May 16, 2013

7:30 a.m. Registration

- 8:00 **9. Side Effects of Cancer Therapy**
- A. Myelosuppression
 - B. GI and mucosal side effects
 - C. Cutaneous toxicity
 - D. Alopecia
 - E. Cardiovascular toxicity
 - F. Pulmonary toxicity
 - G. Hemorrhagic cystitis
 - H. Hepatotoxicity
 - I. Nephrotoxicity
 - J. Neurotoxicity
 - K. Cognitive changes
 - L. Ocular toxicity
 - M. Pancreatitis
 - N. Fatigue
 - O. Alterations in sexual and reproductive function
 - P. Secondary malignancies
- 10. Survivorship Care Plan**
- 11. Case Studies**
- 12. Exam and Course Evaluation**

4:30 p.m. Adjournment



Chemotherapy and Biotherapy Course

Register online, by fax, or by mail. If you do not receive a confirmation from Penn State within two weeks, call our office to confirm. Please provide both daytime and cell phone numbers so we can contact you should last-minute changes occur.

Name (first name, M.I., last name) _____ Degree(s)/Credentials _____

Email Address (Print legibly. We use this for confirmation, registration status, and program materials.) _____

Home Address _____ male female

City _____ State _____ Zip Code _____

Daytime Phone _____ Cell Phone (for last-minute change/cancellation) _____

RN license # _____ Specialty/Position _____

Hospital or Organization _____

Street Address (HMC/COM employees—provide dept. name/mail code) _____

City _____ State _____ Zip Code _____

Special Needs (dietary, access, etc.) _____

Enroll me in the following:

- March 19–20, 2013, D5213-13-Y, \$250 (Lunch is not provided.)
- May 15–16, 2013, D5214-13-Y, \$250 (Lunch is not provided.)

Indicate method of payment:

- Check enclosed payable to Penn State.
- Bill sponsoring organization. **Attach a letter of authorization.**
- HMC/COM employee fee is \$125/person. Bill department budget. Cost center/budget #: _____
- Charge my VISA MasterCard or AMEX

Account Number _____ Exp. Date _____

Cardholder's Signature _____

Register Online: pennstatehershey.org/ce

Mail to: Registrar
Penn State Hershey Continuing Education G220
P.O. Box 851, Hershey, PA 17033-0851

Phone: 717-531-6483

Fax to: 717-531-5604