

Option I Brochure



The Oncology Nursing Society Chemotherapy and Biotherapy Course

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.

Upon successful completion of the course and post-test, participants will receive an ONS Chemotherapy and Biotherapy Provider Card. This card validates the participant has the theoretical foundation needed to administer cytotoxic and biotherapeutic agents. The card is valid for two years.

Course Fee:

\$280 (\$80 of this fee remitted by Wake Forest University CCC to the Oncology Nursing Society to cover the cost of course materials and their administrative cost). The course fee includes all course materials, copy of the *Chemotherapy and Biotherapy Guidelines and Recommendation for Practice, 2nd Ed.*, Continuing Nursing Education Credits, and lunch.

Target Audience:

Participants must be licensed registered nurses who have been employed as such for a minimum of six months. This course content is appropriate for nurses who are new to chemotherapy administration, as well as for those who want a comprehensive review.

Continuing Nursing Education Credit:

- ONS will award 13.5 contact hours to nurses who attend this program in its entirety.
- 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 State Board of Registered Nursing, Provider No. 2580.

Additional Information:

The ONS Chemotherapy and Biotherapy Course is NOT a certification course, and is not intended to measure competency. Individual institutions are responsible for determining their own requirements for assessing clinical competency.

Course Objectives.

Upon completion of the course, the participant 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 systematic 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.

Program Schedule

- 1. Introduction
 - A. Definition of cancer
 - B. Treatment modalities
 - C. Drug development process
 - D. Ethical and legal issues
- 2. Goals of Cancer therapy and response
- 3. Principles of chemotherapy
- 4. Principles of biotherapy
- 5. Safe practice considerations
- 6. Administration
 - A. Dose determination
 - B. Pre-treatment care
 - C. Routes of administration
 - D. Immediate complications of cytotoxic therapy
- 7. Care of the patient receiving cancer therapy
- 8. Case Studies
- 9. Side effects of cancer therapy
 - A. Myelosuppression
 - B. GI and mucosal side effects
 - C. Alopecia
 - D. Fatigue
 - E. Cardiac toxicity
 - F. Pulmonary toxicity
 - G. Hemorrhagic cystitis
 - H. Hepatotoxicity
 - I. Nephrotoxicity
 - J. Neurotoxicity
 - K. Pancreatitis
 - L. Alterations in Sexual and Reproductive function

- M. Cutaneous Reactions
- N. Ocular Toxicity
- O. Secondary Malignancies
- 14. Post-treatment Care
- 15. Case Studies

Program Location

Outpatient Comprehensive Cancer Center
Wake Forest University Baptist Medical Center

Program Faculty

Lisa Hodges, RN, BSN, OCN
Director of Nursing Education and Research

Registration

Return completed registration no later than 3 weeks prior to the course so that adequate quantity of course materials may be ordered.

For additional information contact:

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