



DATE: April 9th and 10th 2025

TIME: 08:00 – 16:30

Location: Virtual via Teams

Registration Deadline: March 21st, 2025

Instructors:

Christa McGuirk RN, CPHON, CNeph©

Deb Parker RN, BScN, CPHON

Sarah Bennett RN, BScN, CPHON, CNeph©

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Course Fee: \$400.00

The course fee includes: all course materials, copy of *The Pediatric Chemotherapy and Biotherapy Curriculum*, and Continuing Education Credits.

Target Audience:

Participants must be **licensed registered nurses**. This course content is appropriate for nurses who are new to pediatric and adolescent chemotherapy and biotherapy administration, as well as for those who want a comprehensive review.

Continuing Education Credit:

The Association of Pediatric Oncology Nurses (APHON) is accredited as a provider of continuing education in nursing by the American Nurses Credentialing Center's Commission on Accreditation (ANCC-COA). APHON will award 13.5 nursing contact hours to nurses who attend this program in its entirety and complete an evaluation.

Cancellation/Refund Policy:

A refund of \$100 will be granted up to two weeks prior to the course, if participant cancellation occurs.

Please note: Course may be cancelled if there are less than 4 participants registered.

Additional Information:

The APHON Pediatric 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.

General Information

The Association of Pediatric Hematology/Oncology Nurses (APHON) Pediatric Chemotherapy and Biotherapy Provider 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 APHON Pediatric Chemotherapy and Biotherapy Provider Card. This card validates that the participant has completed the education and demonstrated the knowledge needed to administer chemotherapy and biotherapy agents to pediatric patients. The card is valid for two years and participants must renew on or before the expiration date.

Course Objectives

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

1. Describe the characteristics of the cancer cell.
2. Identify differences between cancers in adults and cancers in children.
3. List cancer treatment modalities and how response is measured.
4. Discuss the history of chemotherapy.
5. Describe the development of the specialty in childhood cancer treatment.
6. Identify principles for cancer research and informed consent and the role of the nurse.
7. Describe the ethical principles associated with clinical trials.
8. Identify the nurse's role in informed consent.
9. Discuss legal issues related to chemotherapy administration.
10. Describe important principles of pharmacokinetics in chemotherapy administration.
11. Discuss classes of chemotherapeutic agents.
12. Define combination chemotherapy.
13. List modes of chemotherapy delivery.
14. Identify biotherapeutic agents.
15. Describe indications and actions of commonly used medications.
16. Identify side effects and nursing interventions for specific biotherapy agents.
17. Recognize classifications for chemotherapeutic agents.
18. Identify common side effects for individual medications.
19. Describe nursing interventions for chemotherapy medications.
20. Describe the occupational exposure risks of chemotherapy.
21. List components of safe handling and disposal practices.
22. Identify components of personal protection equipment.
23. Identify components of pre-treatment assessment.
24. Calculate BSA and confirm chemotherapy dosage.
25. Describe required family teaching prior to chemotherapy administration.
26. Describe safety measures to verify chemotherapy orders.
27. List steps in preparation of chemotherapy.
28. Identify nursing measures for different routes of administration.
29. Describe special considerations for vesicant chemotherapy.
30. Identify common side effects of chemotherapy by organ systems.
31. Describe nursing assessment and interventions for common toxicities.
32. List expected medical interventions for each toxicity.
33. Define late effects.
34. Describe examples of late effects by body system.
35. Define quality of life in chemotherapy patients.
36. Describe risk factors for adherence to therapy.
37. Identify unique concerns for adolescents and young adults.
38. Discuss how culture influences patient and family response to chemotherapy.

Program Content

1. General Cancer Overview
2. Chemotherapy Overview
3. Ethical and Legal Considerations
4. Principles of Chemotherapy
5. Principles of Biotherapy
6. Chemotherapy: Agents and Classifications
7. Safe Handling of Chemotherapeutic Agents
8. Case Studies
9. Pre-administration Issues
10. Chemotherapy Administration and Immediate Post-Administration Issues
11. Toxicity and Symptom Management
12. Late Effects of Chemotherapy
13. Psychosocial Issues
14. Exam/Evaluations