

PHSA 50174

*The Oncology Nursing Society's*  
**Chemotherapy and Biotherapy Course**

Monday & Tuesday, September 27 & 28, 2010  
8:00am - 5:00pm

**Cancer Center Media Room 2281**

**Faculty:**

**JOE PEACOTT, RN**  
Cancer Therapy Center  
Providence Alaska Medical Center

**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. Pharmacists.

**Course Description:** 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 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 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 the administration of 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.

**Continuing 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 education by the California State Board of Registered Nursing, Provider No. 2850.
- The Alaska Pharmacists Association is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. AkPhA will award 13.5 contact hours to pharmacists that complete this **Knowledge Based Activity**. ACPE #139-999-10-014-L04-P.



**Program Schedule:**

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. Pre-treatment care
  - C. Routes of administration
  - D. Immediate complications of cytotoxic therapy
8. Care of the patient receiving chemotherapy/biotherapy
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 (optional)
12. Exam and Course Evaluation

**Course Fee:**

*The course fee includes: all course materials, copy of the Chemotherapy and Biotherapy Guidelines and Recommendation for Practice, 3rd Ed., and Continuing Nursing Education Credits.*

Pharmacists that are not members of AkPhA need to make a separate payment of \$195.00 payable to the Alaska Pharmacists Association to get ACPE credit. Statements of credit will be mailed the week of Nov 15<sup>th</sup>.

**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 Location**

Providence Cancer Center Media Room 2285  
3851 Piper Street, 2<sup>nd</sup> Level, Anchorage, Alaska

**NON-EMPLOYEE FILLABLE REGISTRATION FORM**

Click on each field to begin typing, move through the fields with the tab key and print

Your Name					
Your Affiliation (Department/Employer)			Your Job Title/Credentials		
Mailing Address			City	State	Zip
Work Phone	Fax #	Home Phone #	Cell Phone #	email address	
<b>Non-employee fees \$145.00</b>		<b>PHSA 50174 ~ Chemotherapy and Biotherapy Course September 27 &amp; 28, 2010 ~ 8:00am - 5:00pm</b>			
<b>Make check payable to PAMC</b>		Check #	Cash \$	PALI use only	
Visa/MC 16-digit credit card #				expiration date	
Print Name on Card			Signature (name printed on card)		

**Cancellation Policy:** The non-employee course fee includes a \$25.00 non-refundable charge, which reflects administrative costs in producing the course. The remainder of the course fee is refundable if cancellation notice is received by calling the Providence Alaska Learning Institute (907) 212-3011 up to one working day before the program.

PHSA employees must register through **HealthStream™**

**Early registration is requested. The registration deadline is Friday, September 3, 2010**



**REGISTRATION, PALI**  
3760 Piper Street, Ste. 2040, Anchorage, Alaska 99508  
(907) 212-3011 fax: (907) 212-4911  
[www.providence.org/alaska/education](http://www.providence.org/alaska/education)  
7:00am - 4:30pm Monday through Friday