

## **Antineoplastic Therapy and Immunotherapy Course Interventional Radiology Nurses**

UPMC Hillman Cancer Center: Virtual via MS Teams

Day One: Wednesday, April 10, 2024

Day Two: Wednesday, April 17, 2024

Day Three: Wednesday, April 24, 2024

Day Four: Wednesday, May 1, 2024

Test Date: Thursday, May 16, 2024

### **Learning Objectives**

After participation in this activity, the learner will be able to:

- Discuss the expectations related to class content and the participant's professional responsibilities
- Discuss the roles of antineoplastic therapy and immunotherapy in the treatment of cancer
- Recall the pharmacology of different classes of antineoplastic or supportive therapies
- Recognize side effects and organ toxicities that patients may experience while receiving antineoplastic or supportive therapies
- Discuss management strategies for patients receiving antineoplastic or supportive therapies, including the prevention and treatment of toxicities and side effects
- Identify interventions to prevent chemotherapy errors
- Demonstrate that learning has occurred by achieving at least an 80% on the final exam

## Agenda

Day 1: Wednesday, April 10, 2024

8:00 am	Course Overview	Lynne O'Connor, MSN, RN, OCN
8:20 am	Genetics vs. Genomics	Melissa K. Bourdus, MS, CGC
9:10 am	Antitumor Antibiotics	Brian Miller, PharmD
12:15 pm	Principles of Antineoplastic Drug Therapy	Ernie Sanchez, PharmD
1:15 pm	Plant Alkaloids	Marissa Lamary, PA-C
3:20 pm	Error Prevention	Amy DiMaggio, MSN, RN, OCN
4:00 pm	Adjournment	Lynne O'Connor, MSN, RN, OCN

## Agenda

Day 2: Wednesday, April 17, 2024

8:00 am	Welcome	Lynne O'Connor, MSN, RN, OCN
9:15 am	Growth Factors	Emily Mueseler MPAS, PA-C
1:00 pm	Understanding Organ Toxicity: Management and Adverse Events of Chemotherapy	Linda Pfeifer, CRNP, RN
2:10 pm	Antimetabolites	Tim George, PharmD, BCOP
3:20 pm	Hypersensitivity	Alyssa Owens, MPAS, PA-C
4:00 pm	Adjournment	Lynne O'Connor, MSN, RN, OCN

## **Agenda**

Day 3: Wednesday, April 24, 2024

8:00 am	Welcome	Lynne O'Connor, MSN, RN, OCN
8:05 am	Antineoplastic Therapy Administration	Markie Rearick, MSN, RN, BMTCN
12:30 pm	Alkylating Agents	Trish Seaman, MSN, RN, CMSRN
3:35 pm	Post Class Instructions	Lynne O'Connor, MSN, RN, OCN
3:50 pm	Adjournment	Lynne O'Connor, MSN, RN, OCN

## **Agenda**

Day 4: Wednesday, May 1, 2024

8:00 am	Welcome	Lynne O'Connor, MSN, RN
8:05 am	Extravasation	Nancy Birus, MSN, RN, OCN
9:10 am	Homework Review	Lynne O'Connor, MSN, RN
10:05 am	Case Study	Brittini Prosdocimo, MSN, RN, BMTCN
10:40 am	Review/Jeopardy	Amy DiMaggio, MSN, RN, CMSRN, OCN Lynne O'Connor, MSN, RN Brittini Prosdocimo, MSN, RN, BMTCN
11:45 am	Post Class Instructions	Lynne O'Connor, MSN, RN, OCN
12:00 pm	End of Class/Adjournment	Lynne O'Connor, MSN, RN, OCN

## Course Exam

UPMC Employees, IR Nurse:

The IR nurse will receive an accreditation sheet once roster is verified for each class date and test is completed and passed with a score of 80% or greater. The test for the Antineoplastic Therapy and Immunotherapy Course for the IR Nurse will be assigned in HR Direct > Learning.

The IR nurse will need to notify course director **by day three of class, Wednesday, April 24, 2024**, who the proctor will be for the test day, so test materials can be sent to the proctor.

**Spring Antineoplastic Therapy and Immunotherapy Course for the IR Nurse Test Date: Thursday May 1, 2024, remote.**

## Faculty Listing

Nancy Birus, MSN, RN, OCN  
Clinical Education Specialist  
UPMC Hillman Cancer Center

Amy DiMaggio, MSN, RN, OCN  
Clinical Education Specialist  
UPMC Hillman Cancer Center

Timothy George, PharmD, BCOP  
Clinical Pharmacy Specialist  
UPMC Hillman Cancer Center

Marissa Lamary, PA-C  
Physician Assistant  
UPMC Hillman Cancer Center  
UPMC Shadyside

Brian Miller, PharmD  
Manager, Investigational Drug Service  
Pharmacy  
UPMC Hillman Cancer Center

Emily Mueseler, MPAS, PA-C  
Physician Assistant  
UPMC Hillman Cancer Center

Lynne O'Connor, MSN, RN, OCN  
Clinical Education Specialist  
UPMC Hillman Cancer Center

Alyssa Owens, MPAS, PA-C  
Physician Assistant  
UPMC Hillman Cancer Center

Linda Pfeifer, CRNP,  
Expert Nurse Practitioner  
UPMC Hillman Cancer Center

Brittini Prosdocimo, MSN, RN, BMTCN  
Advanced Clinical Education  
Specialist  
UPMC Hillman Cancer Center

Markie Rearick, MSN, RN, BMTCN  
Clinical Education Specialist  
UPMC Shadyside

Ernest M. Sanchez, Pharm.D.  
Lead Pharmacist of Oncology  
Operations, Department of Pharmacy  
University of Pittsburgh Medical  
Center  
Shadyside Hospital

Trish Seaman, MSN, RN, CMSRN  
Nurse Educator  
UPMC Hillman Cancer Center  
Central Region

## **Contact Hours**

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The maximum number of hours awarded for this Continuing Nursing Education activity is 14.25 contact hours.

## **Disclosure of Conflicts of Interest**

All individuals in a position to control the content of this education activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following information was provided: Nancy Birus, Amy DiMaggio, Marissa Lamary, Emily Mueseler, Lynne O'Connor, Alyssa Owens, Linda Pfeifer, Brittni Prosdocimo, Ernest Sanchez, Markie Rearick, Trish Seaman, and the planning committee for this activity did not have any relevant financial relationships with a commercial interest.

The following information was disclosed:

Timothy George: Stockholder: Syros Pharmaceuticals, Valneva

Brian Miller: Grant/Research Support: F-Star Therapeutics, HiberCell Inc., Istari Oncology, Inc