

Materials for this course will release 03/22/2023

Oncology Pharmacy Specialty Home Study Syllabus for Recertification: Module 1A-B (Cert # L239181)

Teaser: This course is a collection of journal articles that focus on advances across the oncology specialty practice domains. It is a series of current articles from the primary oncology literature.

Tag: Certifications; Oncology



ACPE Numbers: Various – see listing below

Pre-Sale Date: 02/22/2023

Content Release Date: 03/22/2023

Expiration Dates: 09/26/2023

Activity Type: Application-based

CE Credits: 8 contact hours

Activity Fee: \$160 (ASHP member); \$215 (non-member)

Accreditation for Pharmacists



The American Society of Health-System Pharmacists and the American College of Clinical Pharmacy are accredited by the Accreditation Council for Pharmacy Education as providers of continuing pharmacy education.

Target Audience

These recertification activities are intended for board certified pharmacists seeking to update their knowledge and skills in:

- Pharmacogenomics
- Statistics
- Pediatric Malignancy
- Hepatocellular Carcinoma
- Urothelial Carcinoma
- Pharmacy Practice Management
- Lymphoma

Activity Overview

The Home Study Syllabus is intended for board certified pharmacists in need of recertification credit and is designed based on the content outline developed by the Board of Pharmacy Specialties (BPS). This module consists of 2 online home study activities (see table below). Each activity is designed to assess the learners' ability to analyze and apply peer-selected contemporary articles to practice.

Learners will be required to review the content of the articles and complete the associated online assessments. The learner must be able to correctly answer the questions based upon their interpretation of the content, as well as “baseline specialty specific knowledge and/or easily retrievable information.” For purposes of this course, “baseline specialty specific knowledge and/or easily retrievable information” is defined as product labeling and well-established standards of practice in the specialty practice.

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These activities are part of the ASHP and ACCP professional development program for BCOP recertification approved by the BPS.

Recertification Credit*

Board certified pharmacists are eligible to receive up to 8 hours of recertification credit for completing this module. To earn recertification credit, learners must review the activity content and successfully complete the online assessments by the deadline. Only completed assessments will be eligible for credit; no partial or incomplete assessments will be processed. You are allowed only one attempt to successfully complete this assessment.

Learning Activity	ACPE Number	Contact Hours	Assessment Pass Point
Home Study Syllabus Module 1A: Pharmacogenomics, Statistics, Pediatric Malignancy	0204-9999-23-952-H01-P	4 ACPE	TBD
Home Study Syllabus Module 1B: Hepatocellular Carcinoma, Urothelial Carcinoma, Pharmacy Practice Management, Lymphoma	0204-9999-23-953-H01-P	4 ACPE	TBD
Recertification Assessment		8 BPS	

Articles and Learning Objectives

Module 1A: Pharmacogenomics, Statistics, Pediatric Malignancy ACPE #: 0204-9999-23-952-H01-P

Chekravarty D et al. Somatic Genomic Testing in Patients with Metastatic or Advanced Cancer: ASCO Provisional Clinical Opinion. *J Clin Oncol*. 2020; 40(11):1231-58.

Learning Objectives:

- Describe the provisional clinical opinion from the American Society of Clinical Oncology (ASCO) for the use of somatic genomic testing and biomarker-guided therapies in patients with metastatic or advanced cancer.
- Develop recommendations for the use of somatic genomic testing and biomarker-guided therapies in patients with metastatic or advanced cancer.
- Select appropriate patients to receive biomarker-guided therapies based on the ASCO provisional clinical opinion for somatic genomic testing.

Anagnostou V et al. Immuno-oncology Trial Endpoints: Capturing Clinically Meaningful Activity. *Clin Cancer Res*. 2017; 23:4959-69.

Doki Y et al. Nivolumab Combination Therapy in Advanced Esophageal Squamous-Cell Carcinoma. *N Engl J Med*. 2022; 386:449-62.

Learning Objectives:

- Describe various endpoints used in an immuno-oncology trial.
- Select appropriate patients to receive nivolumab in combination for a patient with advanced esophageal squamous-cell carcinoma based on the results of an immuno-oncology trial.
- Interpret an immuno-oncology trial using nivolumab in combination for a patient with advanced esophageal squamous-cell carcinoma.

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Brown PA, Ji L, Xu X et al. Effect of Postreinduction Therapy Consolidation With Blinatumomab vs Chemotherapy on Disease-Free Survival in Children, Adolescents, and Young Adults With First Relapse of B-Cell Acute Lymphoblastic Leukemia: A Randomized Clinical Trial. *JAMA*. 2021; 325(9):833–842.

Learning Objectives:

- Describe the study of blinatumomab for relapsed B-cell acute lymphoblastic leukemia in children, adolescents and young adults with first relapse.
- Select appropriate patients to receive blinatumomab based on the results of the study by Brown, et al.
- Develop recommendations for the management of first relapse of B-cell acute lymphoblastic leukemia in children, adolescents and young adults.

Module 1B: Hepatocellular Carcinoma, Urothelial Carcinoma, Pharmacy Practice Management, Lymphoma

ACPE #: 0204-9999-23-953-H01-P

Kelley et al. Cabozantinib plus atezolizumab versus sorafenib for advanced hepatocellular carcinoma (COSMIC-312): a multicentre, open-label, randomised, phase 3 trial. *Lancet Oncol*. 2022; 23: 995–1008.

Learning Objectives:

- Describe the COSMIC-312 study of cabozantinib plus atezolizumab for the treatment of advanced hepatocellular carcinoma.
- Develop recommendations for the use of cabozantinib plus atezolizumab in patients with advanced hepatocellular carcinoma.
- Select appropriate patients to receive cabozantinib plus atezolizumab based on the results of the COSMIC-312 study.

Barjorin DF et al. Adjuvant Nivolumab versus Placebo in Muscle-Invasive Urothelial Carcinoma. *N Engl J Med*. 2021; 384:2102-14.

Learning Objectives:

- Describe the study of adjuvant nivolumab for muscle-invasive bladder cancer in newly diagnosed patients following surgical resection.
- Develop recommendations for the use of adjuvant nivolumab in patients with muscle-invasive bladder cancer.
- Select appropriate patients to receive adjuvant nivolumab based on the results of CheckMate 274 by Bajorin et al.

Nahleh Z, Lyman GH, Schilsky RL et al. Use of biosimilar medications in oncology. *J Oncol Pract*. 2022; 18:177-86.

Learning Objectives:

- Describe the overview of biosimilar agents for the therapeutic use in cancer from the American Society of Clinical Oncology (ASCO).
- Develop recommendations for the use of biosimilars for therapeutic use in oncology patients and inclusion in future ASCO clinical guidelines.
- Select appropriate patients to receive biosimilar medications based on the ASCO summary of the current agents available for the therapeutic treatment of cancer.

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Kamdar M, Solomon S, Arnason J et al. Lisocabtagene maraleucel versus standard of care with salvage chemotherapy followed by autologous stem cell transplantation as second-line treatment in patients with relapsed or refractory large B-cell lymphoma (TRANSFORM): results from an interim analysis of an open-label, randomised, phase 3 trial. *Lancet*. 2022; 399(10343):2294-2308.

Learning Objectives:

- Describe the TRANSFORM study of lisocabtagene maraleucel versus the standard of care for the second-line treatment of relapsed or refractory large B-cell lymphoma.
- Develop recommendations for the use of lisocabtagene maraleucel for the second-line treatment of diffuse large B-cell lymphoma.

Faculty

<https://www.rxcertifications.org/Oncology/Course-Faculty>

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Disclosures

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An ineligible company is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The presence or absence of relevant financial relationships will be disclosed to the activity audience.

The following persons in control of this activity's content have relevant financial relationships:

- Karen Fancher: Consultant, AstraZeneca, Merck
- Courtney Cavilieri: Consultant, Pfizer
- All other persons in control of content do not have any relevant financial relationships with an ineligible company.

As required by the Standards of Integrity and Independence in Accredited Continuing Education, all relevant financial relationships have been mitigated prior to the CPE activity.

Methods and CE Requirements

Activities can be completed in any order. Each activity consists of audio, video, and/or PDFs and evaluations. Learners must review all content and complete the evaluations to receive continuing pharmacy education credit for each activity.

Follow the prompts to claim, view, or print the statement of credit within 60 days after completing the activity.

System Technical Requirements

Learning activities are delivered via your Web browser and Acrobat PDF. For all activities you should have a basic comfort level using a computer and navigating web sites.

View the [minimum technical and system requirements](#) for learning activities.

Development

ASHP collaborates with ACCP on oncology activities.