

## **PedSAP 2018 Book 1 (Pediatric Oncology)**

**Total Available Hours:** 9.0

**BCPPS test deadline:** 11:59 p.m. (Central) on May 15, 2018.

**ACPE test deadline:** 11:59 p.m. (Central) on January 14, 2021.

### **Pediatric Oncology I (Module 1) – Credit Hours: 5.5**

#### **Chapter: Pediatric Cancer Treatment Development**

##### **Learning Objectives**

1. Analyze the role of the Cancer Therapy Evaluation Program and the Pharmaceutical Management Branch in clinical trial development.
2. Evaluate the role of early pediatric cancer groups and current research organizations.
3. Analyze advances in pediatric cancer treatment.
4. Demonstrate the importance of advocacy and non-clinical research groups in cancer management.
5. Assess the impact of new initiatives on future pediatric oncology research.

#### **Chapter: Asparaginase Monitoring in Patients with Leukemia**

##### **Learning Objectives**

1. Evaluate therapeutic asparaginase activity levels and distinguish appropriate sampling time for each asparaginase formulation.
2. Assess a patient for asparaginase hypersensitivity reaction and design appropriate clinical management.
3. Assess variables that can influence interpretation of asparaginase activity.
4. Develop an algorithm of asparaginase activity level monitoring.

#### **Chapter: Biosimilar Use in Pediatric Oncology**

##### **Learning Objectives**

1. Justify the efforts invested for developing and manufacturing biosimilar products.
2. Analyze the current pathway for the regulatory approval of biosimilar agents.
3. Evaluate the role of biosimilar agents in the pediatric oncology and stem cell population.
4. Develop a plan to overcome hurdles of adding biosimilar products to formulary.

### **Clinical and Practice Updates I (Module 2) – Credit Hours: 3.5**

#### **Chapter: Recorded Webcast: Handling and Preparation of Chemotherapy**

##### **Learning Objectives**

1. Distinguish the types of medications that are considered hazardous.
2. Develop a procedure for appropriate labeling and packaging of hazardous drugs.
3. Apply the proper technique for compounding a sterile hazardous medication.
4. Construct a plan to effectively contain hazardous medications after a spill and after routine compounding is completed.
5. Analyze U.S. Pharmacopeia Chapter 800 guidelines for hazardous medication compounding and medical surveillance protocols.

**Chapter: Recorded Webcast: Educating Patients and Caregivers on Handling Hazardous Drugs**  
**Learning Objectives**

1. Assess the differences in and challenges associated with administering a hazardous medication in a clinic or hospital setting versus the home environment.
2. Devise an adherence regimen for a patient with barriers to adhering to a complicated chemotherapy schedule.
3. Construct a plan for a patient/caregiver to administer a hazardous oral medication.
4. Develop a strategy for caregivers to protect themselves and other family members from hazardous medication exposure.
5. Analyze a situation in which a patient/caregiver has to react to an accidental exposure.

**Chapter: Recorded Webcast: Antimicrobial Prophylaxis for the Pediatric Oncology Patient**  
**Learning Objectives**

1. Analyze the current guidelines and literature on antimicrobial prophylaxis in the pediatric oncology patient.
2. Assess the role of antimicrobial prophylaxis in neutropenic pediatric patients.
3. Design optimal pharmacotherapy to prevent *Pneumocystis jiroveci* pneumonia.
4. Evaluate guideline recommendations regarding infection control.