



The Rochester Area Society of Health-System Pharmacists

## 3.5 Credit Hour Breakfast CE Program

---

### URMC Pharmacy Resident Symposium

**Saturday, November 10<sup>th</sup>, 2018**

8 am Registration/Breakfast

8:30 am – 12 pm Program

#### **Location:**

St. John Fisher College  
Integrated Science and Health Science Building  
Room 117  
3690 East Ave  
Rochester, NY 14618

---

Caitlin Marino, Pharm.D.

#### **Clostridium Difficile in the Pediatric Population**

Kaylee Maynard, Pharm.D.

#### **Service in 1-Hour or Less:**

#### **Updates to the Treatment of Sepsis and Septic Shock**

Faisal Minhaj, Pharm.D.

#### **Traditional Chinese and Ayurvedic Medicine: The Science Behind Modern Medicine Alternatives**

Jason Lew, Pharm.D.

#### **Toxic Alcohols**

Matthew O'Connell, Pharm.D.

#### **Monitoring and Management of Asparaginase Toxicities in Pediatric Patients**

Frank Lattuca, Pharm.D.

#### **High Temperatures and Low Blood Counts: The Management of Febrile Neutropenia**

Mercy Hoang-Nguyen, Pharm.D.

#### **Put it in Reverse:**

#### **Emergent Anticoagulation Reversal**

---

## **Objectives**

### **Clostridium Difficile in the Pediatric Population**

#### **Pharmacist Objectives:**

1. Evaluate evidence behind differences in treatment of *C. difficile* in a pediatric versus adult patient
2. Formulate a plan of treatment for a pediatric patient with recurrent *C. difficile* infections and evaluate risks with each medication

#### **Technicians Objectives:**

1. Identify medications and their different formulations used for *C. difficile* treatment in a pediatric population
2. Recognize dose ranges for medications used in pediatric versus adult populations

### **Updates to the Treatment of Sepsis and Septic Shock**

#### **Pharmacist Objectives:**

1. Recognize controversies associate with the 1-hour bundle suggested by the Surviving Sepsis Campaign
2. Evaluate literature supporting changes to the sepsis treatment bundle

#### **Technician Objectives:**

1. Identify the components of the 1-hour bundle suggested by the Surviving Sepsis Campaign
2. Discuss methods to minimize delays to timely antimicrobial administration

### **Traditional Chinese and Ayurvedic Medicine: The science behind modern medicine alternatives**

#### **Pharmacist Objectives:**

1. Evaluate the literature regarding traditional medicine practices as it relates to patient care
2. Understand the safety concerns with traditional medicines

#### **Technicians Objectives:**

1. Describe the sterile/non-sterile manufacturing processes with Traditional Chinese Medicine
2. Recall the safety considerations when using Ayurvedic product in the US

### **Toxic Alcohols**

#### **Pharmacist Objectives:**

1. Compare the different signs of toxicity, metabolic pathways, and pharmacokinetics of ethanol, ethylene glycol, and methanol
2. Describe the use of ethanol and fomepizole as an antidote for methanol and ethylene glycol toxicity

#### **Technicians Objectives:**

1. Understand the different alcohols that can lead to toxic ingestion including ethanol, ethylene glycol, and methanol
2. Identify the medication that can be used to manage ethylene glycol, and methanol toxicity

### **Monitoring and Management of Asparaginase Toxicities in Pediatric Patients**

#### **Pharmacist Objectives:**

1. Identify clinically significant side effects of asparaginase in pediatric acute lymphoblastic leukemia (ALL) patients
2. Devise appropriate monitoring and management plans for asparaginase side effects in pediatric ALL patients

#### **Technicians Objectives:**

1. Distinguish between different asparaginase formulations
2. Recognize appropriate dosing ranges for each formulation of asparaginase

### **High Temperatures and Low Blood Counts: The Management of Febrile Neutropenia**

#### **Pharmacist Objectives:**

1. Formulate an appropriate antibiotic regimen for a patient presenting with febrile neutropenia
2. Describe patients who are candidates for antimicrobial prophylaxis

#### **Technicians Objectives:**

1. Explain the importance of antibiotics in patients presenting with febrile neutropenia
2. Identify common antibiotics that are used for patients with febrile neutropenia

## **Put it in Reverse: Emergent Anticoagulation Reversal**

### Pharmacist Objectives:

1. Describe literature evaluating the safety and efficacy of the anticoagulant reversal agents discussed
2. Outline general recommendation for use of emergent anticoagulant reversal agents in practice

### Technician Objectives:

1. Describe the rates of major bleeding events associated with oral anticoagulants
2. Identify the emergent anticoagulation reversal agents by brand and generic names.

### How to Register:

- Please use your PayPal account through our website at [www.rashp.org](http://www.rashp.org) to pay and register for the event. If you have any questions please email [Sarah.Handley@rochesterregional.org](mailto:Sarah.Handley@rochesterregional.org). **Reservations must be made by Wednesday, November 7th 2018.**
- Reservations received after the above date are limited to availability, please contact Sarah Handley.
- If you register for the meeting, but cannot attend, please notify RASHP ASAP to avoid chapter charges.
- Please note that all attendees will have 45 days from the date of the program to process their CE.

### Fees:

- **RASHP Member - (\$60)**
- **WSOP Student Members and technicians - (\$20)**
- **Non-RASHP Member healthcare professional requesting CE - (\$300)**
- **Exhibitor - (\$400)**

This program is appropriate for pharmacists, technicians, nurses, physicians, dentists and other health care professionals. This program is a knowledge-based continuing professional education activity (CPE) where pharmacists and technicians acquire factual knowledge based on evidence as accepted in the literature by health care professions. This program is sponsored by RASHP.

The NYS Council of Health-system Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. These programs (0134-0000-18-170-L01-P, 0134-0000-18-170-L01-T) are approved for 0.35 CEU's (3.5 contact hours).

**Statements of Continuing Pharmacy Education Credit are available by survey links given after the program. Participant must verify attendance at the meeting by entering the program CE code. Attendees have forty five (45) days to evaluate the program and obtain their statements of credit**



*Payments to NYSCHP are not deductible as charitable contributions for federal income tax purposes. However, they may be deductible under other provisions of the Internal Revenue Code (i.e., ordinary, necessary business expenses; miscellaneous itemized deduction).*