

# Pharmacy's Role in Continuous Renal Replacement Therapy

## LIVE PROGRAM

September 3, 2015 ■ 6:00 P M

### FACULTY

**Kelsey L. Bauman, PharmD, BCPS**

*Clinical Pharmacy Specialist*

St. Elizabeth's Hospital

Belleville, IL

### LOCATION

**Millennium Room**

*Southern Illinois Heart Institute*

*St. Elizabeth's Hospital*

340 W. Lincoln St.

Belleville, IL 62220

### AGENDA

**5:45 pm** - Registration and Light Dinner

**6:00 pm** - Presentation

### REGISTRATION INFORMATION

Registration deadline is September 1, 2015 by 9am. There is no fee for ICHP members to attend this activity. Non-members who would like to earn CPE credit will be charged \$20. There is no fee for non-members who do not want to earn CPE credit. Non-members who do not want to earn CPE credit should call the ICHP office at 815-227-9292 to register. When registering, there will be a place to enter your NABP e-profile ID#.

### TARGET AUDIENCE

Health-System Pharmacists and Pharmacy Technicians

### LEARNING OBJECTIVES FOR PHARMACISTS

1. Utilizing pharmacokinetic (PK) and drug-specific data, determine the appropriate drug dosing regimen for a patient receiving continuous renal replacement therapy (CRRT).
2. Explain how CRRT works, specifically the machine and circuit construction, patient access point, direction of fluid and blood flow, dialysate, and anticoagulation.
3. Illustrate how continuous renal replacement differs from intermittent renal replacement and the appropriate indications for continuous renal replacement.
4. Differentiate between various types of continuous renal replacement (CVVH, CVVHD, CVVHDF, SCUF) and how it differs from intermittent hemodialysis (IHD).
5. Appropriately adjust an antibiotic schedule and/or dose in a patient receiving CRRT using drug monographs and pharmacokinetic data.

### LEARNING OBJECTIVES FOR PHARMACY TECHNICIANS

1. Based on the ordered rate of flow, calculate the number of bags of dialysate needed for CRRT patients.
2. Illustrate the difference between PrismaSol and PrismaSate solutions.
3. Demonstrate how to compound a calcium chloride intravenous piggyback when citrate is being used for anticoagulation.
4. Using an antibiotic dose-adjustment table for CRRT patients, determine if an antibiotic is appropriately adjusted or not.
5. Differentiate between various types of continuous renal replacement (CVVH, CVVHD, CVVHDF, SCUF) and how it differs from intermittent hemodialysis (IHD).



This program is co-sponsored by the Illinois Council of Health-System Pharmacists (ICHP). The Illinois Council of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program is equivalent to 1.0 contact hours (0.1 CEUs) of pharmacy continuing education.

ACPE Universal Activity Number: 0121-0000-15-037-L01-P  
0121-0000-15-037-L01-T

Type of Activity: Application-based

**NEW** - PTCB now requires CPhTs to earn only pharmacy technician-specific ("T-specific") credit to qualify for recertification. However, any Pharmacist or P-specific credit earned by technicians in 2014 will still be accepted for those recertifying in 2015. As of January 1, 2015, ALL CPE credit earned must be T-specific. In addition, PTCB will reduce the number of allowable CPE hours earned through in-service training from 10 to 5. Please advise all pharmacy technicians at your site of this change.

**FACULTY DISCLOSURE:** It is the policy of ICHP to ensure balance, independence, objectivity, and scientific rigor in all of its education programs. In accordance with this policy, faculty must disclose to the participants any significant relationships with commercial companies whose products or devices may be mentioned in faculty presentations, or with the commercial supporter of these continuing pharmacy education programs. These disclosures will be available at the program.