AGENDA

SATURDAY, JUNE 11TH

7:30 a.m. – 8:05 a.m. Welcome/Introductions and Tips for Success
Jamie Miller, Pharm.D., BCPS, BCPPS

8:05 a.m. – 9:35 a.m. Complex Case: Neonatal Sepsis
Jamie Miller, Pharm.D., BCPS, BCPPS
ACPE Number: 0204-0000-16-941-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex neonatal patient with multiple conditions, including patent ductus arteriosus, apnea of prematurity, early and late onset sepsis, and necrotizing enterocolitis.
2. Evaluate the clinical and therapeutic implications of placental transfer of medications.
3. Identify age-specific pharmacokinetic differences among neonates, infants, children, and adolescents.
4. Incorporate FDA Alerts for adverse drug events and drug-drug interactions into clinical practice.

9:35 a.m. – 9:50 a.m. Break

9:50 a.m. – 11:20 a.m. Complex Case: Acute Lymphoblastic Leukemia and Supportive Care
Jennifer Thackray, Pharm.D., BCPS, BCPPS
ACPE Number: 0204-0000-16-942-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions, including acute lymphoblastic leukemia (ALL), tumor lysis syndrome, febrile neutropenia, invasive aspergillosis infection, and Clostridium difficile infection.
2. Select appropriate medication dose modifications related to hepatic impairment.
SATURDAY, JUNE 11TH (CONT.)

11:20 a.m. – 11:50 a.m. Regulatory and IRB Considerations
Peter N. Johnson, Pharm.D., BCPS, BCPPS
ACPE Number: 0204-0000-16-943-L03-P
Knowledge-based: 0.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Identify appropriate off-label use of medications in the pediatric population.
3. List characteristics of patients who require informed assent/consent.
4. Recognize federal legislation relevant to the use of medications in pediatric patients.

11:50 a.m. – 1:05 p.m. Lunch

1:05 p.m. – 2:35 p.m. Complex Case: Deep Vein Thrombosis and Metabolic Syndrome
Kelly L. Matson, B.S.Nutr., Pharm.D., BCPPS
ACPE Number: 0204-0000-16-944-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions, including deep vein thrombosis, type 2 diabetes mellitus, dyslipidemia, and hypertension.
2. Identify resources and treatment options for sexually transmitted infections.
3. Select appropriate monitoring considerations of anticoagulation medications.
4. Recognize the impact of pharmacogenomic differences on warfarin therapy.
SATURDAY, JUNE 11TH (CONT.)

2:35 p.m. – 4:05 p.m.  Complex Case: Diabetic Ketoacidosis
Rachel Meyers, Pharm.D., BCPS, BCPPS
ACPE Number: 0204-0000-16-945-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions, including diabetic ketoacidosis, type 1 diabetes mellitus, and urinary tract infection.
2. Calculate maintenance and replacement fluid requirements and urine output.
3. Identify factors affecting medication adherence.
4. Determine appropriate dosing of insulin based on patient age and weight.
5. Select an effective method of delivery for insulin.

4:05 p.m. – 4:20 p.m.  Break

4:20 p.m. – 5:50 p.m.  Complex Case: Acute Asthma
Jill A. Morgan, Pharm.D., BCPS, BCPPS
ACPE Number: 0204-0000-16-946-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions, including acute and chronic asthma, ADHD, acne and GERD.
2. Evaluate essential components of social history, including smoke exposure and home environment.
3. Formulate a plan to address barriers to patient education and adherence, including age, language, cultural considerations, and inhaler technique.
4. Describe the impact of age on classification and management of asthma.
5. Assess available resources to improve access to medications, including patient assistance programs.
SUNDAY, JUNE 12TH

7:30 a.m. – 7:35 a.m. 
Announcements

7:35 a.m. – 8:35 a.m.
Research Design, Evidence-Based Medicine and Statistical Analysis, Part 1
Linda Tyler, Pharm.D., FASHP
ACPE Number: 0204-0000-16-947-L04-P
Application-based: 2 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Interpret biomedical literature with regard to study design, methodology, statistical analysis, and significance and applicability of reported data and conclusions.
2. Summarize key points from the most current pharmacy practice literature.
3. Explain the use of evidence-based treatment guidelines and protocols.

8:35 a.m. – 8:50 a.m.
Break

8:50 a.m. – 9:50 a.m.
Research Design, Evidence-Based Medicine and Statistical Analysis, Part 2
Linda Tyler, Pharm.D., FASHP
*See Part 1 Above

9:50 a.m. – 10:00 a.m.
Break

10:00 a.m. – 10:15 a.m.
Board of Pharmacy Specialties Examination Overview
Brian Lawson, Pharm.D.

10:15 a.m. – 11:45 a.m.
Complex Case: Sickle Cell Disease with Vaso-Occlusive Crisis
Emily S. Waite, Pharm.D., BCOP
ACPE Number: 0204-0000-16-948-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions, including a vaso-occlusive crisis, cellulitis, constipation, and need for immunizations.
2. Select most appropriate patient controlled analgesia regimen based on vaso-occlusive crisis severity.
3. Identify required immunizations for adolescents, including patients with risk factors for vaccine-preventable diseases.
4. Apply pharmacodynamic principles when selecting appropriate antibiotic regimens.
Sunday, June 12th (Cont.)

11:45 a.m. – 1:00 p.m.  
Lunch

1:00 p.m. – 2:30 p.m.  
Complex Case: Medication Error & Practice Management  
Lisa Thames, Pharm.D., BCPS  
ACPE Number: 0204-0000-16-949-L05-P  
Application-based: 1.5 credit hours  
Objectives:  
At the conclusion of this activity, the participant should be able to incorporate position statements, white papers, national guidelines from recognized regulatory organizations into institutional policies and procedures related to:  
1. Medication reconciliation  
2. Appropriate drug preparation and delivery (e.g., extemporaneous compounding and standardized concentrations)  
3. Selecting equipment/technology and decision support  
4. Adverse drug event monitoring and reporting  
5. Metrics for evaluating quality of pediatric pharmacy services.

2:30 p.m. – 4:00 p.m.  
Complex Case: Pneumonia and Septic Shock  
Kaitlin Hughes, Pharm.D., BCPPS  
ACPE Number: 0204-0000-16-950-L01-P  
Application-based: 1.5 credit hours  
Objectives:  
At the end of the presentation, the pharmacist should be able to:  
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions, including pneumonia, septic shock, acute kidney injury, and parenteral nutrition.  
2. Calculate creatinine clearance, fluid requirements, and urine output in pediatric patients.  
3. Select appropriate dosing for medications based on renal dysfunction and/or replacement modalities.  
4. Differentiate vital signs between stable and critically ill pediatric patients.

4:00 p.m. – 4:15 p.m.  
Break
Sunday, June 12th (Cont.)

4:15 p.m. – 5:45 p.m. Complex Case: Status Epilepticus and Cardiopulmonary Resuscitation
Peter N. Johnson, Pharm.D., BCPS, BCPPS
ACPE Number: 0204-0000-16-951-L01-P
Application-based: 1.5 credit hours
Objectives:
At the end of the presentation, the pharmacist should be able to:
1. Correctly answer case-based questions about appropriate treatment and monitoring of a complex pediatric patient with multiple conditions and needs, including status epilepticus, cardiopulmonary resuscitation, and sedation/analgesia.
2. Differentiate treatment options in cardiopulmonary arrest based on patient presentation.
3. Select the appropriate dose and route of administration for medications.
4. Assess the need and processes for reporting adverse drug events.
5. Identify cultural considerations related to treatment and counseling of the pediatric population.
6. Distinguish between the four preceptor roles.

5:45 p.m. – 6:00 p.m. Closing Remarks
ACCREDITATION FOR PHARMACISTS

The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

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