40th Annual Midwest Pharmacy Residents Conference

May 7-9, 2014
Omaha, NE

THURSDAY, MAY 8, 2014

PRESENTATION SCHEDULE

Session 1A (7:30 To 9:30) Elkhorn A Infectious Disease

7:30 to 8:00 A retrospective comparative study of ceftriaxone, cefazolin, or oxacillin for Methicillin-susceptible Staphylococcus aureus (MSSA) endocarditis
Mariana Fedorenko (PGY2), Barnes-Jewish Hospital - Saint Louis, MO

8:00 to 8:30 Relationship of Sulfamethoxazole Therapeutic Drug Monitoring To Clinical Efficacy And Toxicity: A Retrospective Cohort Study
Lauren Rupp (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN

8:30 to 9:00 Risk Benefit Analysis of Empiric Antibiotics for Gram Negative Bloodstream Infections in Beta-Lactam Allergic Patients
Prasanna Narayan (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN

9:00 to 9:30 Impact of Rapid Respiratory Pathogen Multiplex PCR Testing at a Tertiary Care Center
Patrick McDaniel (PGY2), Houston Methodist Hospital - Houston, TX

Program Objectives:
1. Evaluate ceftriaxone for treatment of MSSA infective endocarditis as compared to cefazolin or oxacillin.
2. Identify limitations of previous literature examining therapeutic drug monitoring of TMP/SMX.
3. Describe the clinical dilemma that exists in treatment of beta-lactam allergic patients with a gram negative bacillus bloodstream infection.
4. Compare and contrast the available laboratory methodologies for viral respiratory pathogen identification.

Session 1B (7:30 To 9:30)

Elkhorn B Critical Care

7:30 to 8:00 Clinical and economic impacts of changing preferred stress ulcer prophylaxis in a medical intensive care unit
Jacqueline Lee (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

8:00 to 8:30 Preliminary Analysis Of Anticoagulation Outcomes After Implementation Of Therapeutic Unfractionated Heparin Dosing Guidelines In Morbly Obese Patients
Ryan Thurm (PGY1), The University of Iowa Hospitals and Clinics - Iowa City, IA

8:30 to 9:00 Evaluation of ACLS guideline adherence during in-hospital cardiac arrest in a large academic institution
Tim Peterson (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

9:00 to 9:30 Evaluating the effects of dexmedetomidine on lorazepam and haloperidol use in patients with alcohol withdrawal
Riley Litzotte (PGY1), Rapid City Regional Hospital - Rapid City, SD

Program Objectives:
1. Recognize patients at risk of stress ulcers and indications for stress ulcer prophylaxis.
2. Attendees should be able to explain the reasons why UFH dosing in obese patients vary and recall the general change in dosing required for therapeutic anticoagulation.
3. Identify the most common errors that occur during cardiac arrest response.
4. Describe the effects of dexmedetomidine on alcohol withdrawal.

Session 1C (7:30 To 9:30)

Elkhorn C Pharmacy Practice

7:30 to 8:00 Impact of chronic opioid use on pain control and opioid utilization in surgical patients
Molly McConville (PGY1), St. Alexius Medical Center - Bismarck, ND

8:00 to 8:30 Comparison of MTM Recommendations Written by Pharmacists with and without Access to Electronic Health Records in a Rural Healthcare System
Sarah Taylor (PGY1), Lake Region Healthcare/NDSU College of Pharmacy/CPI - Fergus Falls, MN

8:30 to 9:00 Provider Satisfaction Of A Rural In-Home And Tele-Health Medication Therapy Management Service
Stephanie Hacker (PGY1), Lake Region Healthcare/NDSU College of Pharmacy/CPI - Fergus Falls, MN

9:00 to 9:30 Clinical Value Associated With A Post-Operative Bariatric Surgery Pharmacy Consult
Scott Seaburg (PGY1), North Memorial Health System - Robbinsdale, MN

Program Objectives:
1. Explain differences in postoperative analgesic requirements between opioid-tolerant and opioid-naïve patients.
2. Compare and contrast MTM recommendations made by pharmacists with/without EHR access.
3. Identify areas for pharmacy to be involved in the health of its rural, aging community.
4. Identify potential drug therapy problems relating to medications taken by bariatric surgery patients.

Session 1D (7:30 To 9:30)

Big Blue A Clinical Services Management

7:30 to 8:00 Reducing Turn-Around Time for First-Dose Antibiotics
Patrick Birney (PGY2), Houston Methodist Hospital - Houston, TX

8:00 to 8:30 Evaluating the impact and development of a communication strategy for clinical pharmacists on the number of medication-related patient falls.
Sarah Lutz (PGY1), The University of Kansas Hospital - Kansas City, KS

8:30 to 9:00 Impact of an Ambulatory Pharmacist on 30-day Heart Failure Readmission Rates
Taken Main (PGY2), The University of Kansas Hospital - Kansas City, KS

9:00 to 9:30 Measuring pharmacist workload: identifying appropriate productivity metrics
Sarah Daniel (PGY2), The University of Kansas Hospital - Kansas City, KS

Program Objectives:
1. Identify interventions to improve operational efficiency and contribute to positive patient outcomes.
2. Describe the impact of medication-related patient falls.
3. Identify the differences in heart failure readmission rates between groups that meet with an ambulatory pharmacists and those that do not and evaluate whether the significance between the outcomes.
4. Explain the difference between the Pharmacy Intensity Score (PIS) and Case Mix Index (CMI).
### Session 1E (7:30 To 9:30) Big Blue B Hematology/Oncology

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<tr>
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<tr>
<td>7:30 to 8:00</td>
<td>&quot;Potential Cost Savings Through Drug Vial Optimization (DVO) at a Community Hospital in an Oncology Outpatient Clinic Setting&quot;</td>
<td>Fred Davids (PGY1), Stormont-Vail HealthCare - Topeka, KS</td>
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<td>8:00 to 8:30</td>
<td>&quot;Oral Oncology Drug Utilization Review In An Academic Medical Facility&quot;</td>
<td>Beth Gustafson (PGY1), University of Missouri Health Care - Columbia, MO</td>
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<td>8:30 to 9:00</td>
<td>&quot;Evaluating Guideline Adherence For The Management Of Neutropenic Fever&quot;</td>
<td>Lisa Narveson (PGY1), Sanford Medical Center Fargo - Fargo, ND</td>
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**Program Objectives:**
1. Determine the viability of using DVO on select single dose agents as a cost containment strategy at our oncology outpatient clinic.
2. Identify potential consequences in the outpatient shift of cancer treatment.
3. Identify which bacteria are covered with guideline-based empiric antibiotic therapy.
4. Describe methods to improve adherence with oral chemotherapeutic agents.

### Session 1F (7:30 To 9:30) Big Blue C Internal Medicine

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<tr>
<td>7:30 to 8:00</td>
<td>&quot;Cost analysis of pharmacist versus physician warfarin management in post total hip or knee arthroplasty patients&quot;</td>
<td>Ivy Lovendahl (PGY1), Wesley Medical Center - Wichita, KS</td>
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<td>8:00 to 8:30</td>
<td>&quot;Parenteral Nutrition Usage in a Community Hospital&quot;</td>
<td>Lisa Miller (PGY1), Mayo Clinic Health System - Mankato, MN</td>
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<td>8:30 to 9:00</td>
<td>&quot;Use Of Interdisciplinary Huddles In The Prevention And Management Of Hypoglycemia In The Acute Care Setting&quot;</td>
<td>Steve Larson (PGY1), Abbott Northwestern Hospital - Minneapolis, MN</td>
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<td>9:00 to 9:30</td>
<td>&quot;Medication Dosing Protocol Specific To Obese Patients&quot;</td>
<td>Chelsey Fitzgerald (PGY1), SSM St. Mary's Health Center - Richmond Heights, MO</td>
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**Program Objectives:**
1. Describe the benefits of pharmacist dosing of warfarin that have been described in the literature.
2. List when to appropriately initiate and the recommended duration of parenteral nutrition use in post-surgical patients on a general surgical floor as defined by the A.S.P.E.N. guidelines.
3. Identify risk factors predisposing patients to hypoglycemia.
4. Recognize the influence of obesity on the pharmacokinetics and dosing regimens of medications.

### Session 1G (7:30 To 9:30) Council Bluffs A Primary/Ambulatory Care

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<td>7:30 to 8:00</td>
<td>&quot;Pharmacist for Quality Improvement Project: Integration of Pharmaceutical Care Services for Non-Cancerous Chronic Pain Patients in Primary Care&quot;</td>
<td>Mike Eannelli (PGY1), FirstLight Health System, University of Minnesota College of Pharmacy - Mora, MN</td>
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<td>8:00 to 8:30</td>
<td>&quot;Evaluation of pharmacist involvement in outpatient diabetes care.&quot;</td>
<td>Ryan Baker (PGY2), CoxHealth System - Springfield, MO</td>
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<td>8:30 to 9:00</td>
<td>&quot;Assessing Change In Heart Failure Knowledge At A Pilot, Interprofessional Transitions-Of-Care Clinic Using A Low-Literacy Assessment Tool&quot;</td>
<td>Jordan McPherson (PGY1), University of Arkansas for Medical Sciences Medical Center - Little Rock, AR</td>
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<td>9:00 to 9:30</td>
<td>&quot;Adherence to Adjunct Neuropathic Pain Medications in Palliative Care&quot;</td>
<td>Kevin Pluymers (PGY1), University of Arkansas for Medical Sciences Medical Center - Little Rock, AR</td>
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**Program Objectives:**
1. Show pharmaceutical care is a feasible component of an integrated chronic non-cancerous pain management protocol in primary care.
2. Describe the impact of pharmacy input on patients reaching their diabetes treatment goals.
3. Describe health literacy and the utility of heart failure knowledge assessment as it relates to self-care.
4. Describe medication adherence and the potential negative effects of non-adherence.

### Session 1H (7:30 To 9:30) Council Bluffs B Pharmacy Practice

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<td>7:30 to 8:00</td>
<td>&quot;Evaluation of the Multiple-Mini Interview Process as a Predictor of Academic Difficulty in the Pharm.D. Curriculum&quot;</td>
<td>Bryan Bordelon (PGY1), University of Arkansas for Medical Sciences Medical Center - Little Rock, AR</td>
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<td>8:00 to 8:30</td>
<td>&quot;Utilizing A Pharmacist Calculated 4T Score To Assess The Appropriateness Of Heparin-Induced Thrombocytopenia Antibody Testing&quot;</td>
<td>Livia Mackley (PGY1), Rapid City Regional Hospital - Rapid City, SD</td>
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<td>8:30 to 9:00</td>
<td>&quot;Evaluation of a Pharmacy-Designed Protocol for Managing Crotalidae Envenomation&quot;</td>
<td>Ryan Saylor (PGY1), Saint Francis Hospital - Tulsa, OK</td>
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<td>9:00 to 9:30</td>
<td>&quot;Evaluation of Intraluminal Volume Dose Alteplase for the Clearance of Occluded Peripherally Inserted Central Catheter (PICC) Lines at a Long-Term Acute Care Hospital.&quot;</td>
<td>Stephen Sapienza (PGY1), HealthEast - Bethesda Hospital - St. Paul, MN</td>
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**Program Objectives:**
1. Describe the Multiple-Mini Interview process.
2. Calculate a 4T score and place patient in appropriate risk category.
3. Describe the recommended antivenin dosing for pit viper snakebites.
4. Describe the mechanism of action and proper administration technique of alteplase.
Session 2A (10:30 To 12:00) Elkhorn A Infectious Disease ACPE #

10:30 to 11:00 “Incidence of Serotonin Syndrome with Concomitant Use of Linezolid and Serotonergic Agents Compared to Linezolid Monotherapy”
Diana Karkow (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

11:00 to 11:30 “Comparison of Outcomes Status Post External Ventricular Drain Antibiotic Prophylaxis”
Ashley Kral (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

11:30 to 12:00 “An Evaluation of Tranexamic Acid for the Prevention of Blood Loss During Knee Surgery”
Adam Johnson (PGY1), St. Alexius Medical Center - Bismarck, ND

Program Objectives:
1.) Describe the interaction between linezolid and serotonergic agents and the risks associated with combination therapy.
2.) Discuss key issues surrounding antibiotic prophylaxis for external ventricular drain placement.
3.) Identify the difference in estimated blood loss in patients that received tranexamic acid and those that did not.

Session 2B (10:30 To 12:00) Elkhorn B Critical Care ACPE #

10:30 to 11:00 “Quantification of Systemic Metabolic Contribution from Continuous Venovenous Hemofiltration Utilizing Regional Citrate Anticoagulation”
Andrea New (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN

11:00 to 11:30 “Risk Factors For Dexametomidine-Associated Hemodynamic Instability”
Calvin Ice (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN

11:30 to 12:00 “Tranexamic Acid Versus Aminocaproic Acid Versus No Lysine Analog: Reducing Blood Transfusion In Orthopedic Knee And Hip Surgeries”
Michael Peters (PGY1), Via Christi Hospitals Wichita, Inc - Wichita, KS

Program Objectives:
1.) Explain how continuous venovenous hemofiltration may contribute to caloric gain in critically ill adults.
2.) Define the incidence of dexametomidine-associated hemodynamic instability reported in previous literature.
3.) Recall the mechanism of action by which lysine analogs exert their effects.

Session 2C (10:30 To 12:00) Elkhorn C Pharmacy Practice ACPE #

10:30 to 11:00 “Potential Impact Of Implementing A Standardized Allergy Documentation System With A Tiered Allergy Component”
Sunaina Rao (PGY1), The University of Kansas Hospital - Kansas City, KS

11:00 to 11:30 “Implementation Of Lean Methodology To Reduce Missing Medications At A 600 Bed General Medical And Surgical Facility”
Christina Luke (PGY1), North Memorial Medical Center - Robbinsdale, MN

11:30 to 12:00 “Evaluation of Nurse Driven Medication Indication and Side Effect Teaching During Medication Administration”
Michael Peters (PGY1), Via Christi Hospitals Wichita, Inc - Wichita, KS

Program Objectives:
1.) Discuss the clinical and operational impact of allergy alerts on patient safety.
2.) Describe the usage of Lean methodology.
3.) Describe HCAHPS and how pharmacy and nursing can work collaboratively to improve scores.

Session 2D (10:30 To 12:00) Big Blue A Primary/Ambulatory Care ACPE #

10:30 to 11:00 Impact of a pharmacist run medication therapy management clinic on appropriate gastroesophageal reflux disease treatment.
Kayla Hughes (PGY1), VA Black Hills Health Care System - Piedmont, SD

11:00 to 11:30 “Evaluation Of Male Patients At High Risk For Osteoporosis”
Andrew Konechne (PGY1), VA Black Hills Healthcare System - Fort Meade, SD

11:30 to 12:00 “Implementation of clinical pharmacy services in the emergency department at a rural Veterans Affairs healthcare system: A quality improvement project.”
Shawn Dalton (PGY2), VA Black Hills Healthcare System - Hot Springs, SD

Program Objectives:
1.) Identify the appropriate duration of initial proton pump inhibitor therapy for gastroesophageal reflux disease.
2.) Recognize which male patients are at highest risk for developing osteoporosis.
3.) Describe the need for clinical pharmacists in the emergency department.

Session 2E (10:30 To 12:00) Big Blue B Hematology/Oncology ACPE #

10:30 to 11:00 “Evans Syndrome: A Descriptive Analysis Of Treatment Options And The Corresponding Response Rates”
Edward McLean (PGY1), Houston Methodist Hospital - Houston, TX

11:00 to 11:30 “A Single-Center Retrospective Analysis of Carboplatin Dosing in Obesity and Renal Impairment”
Eleanor Hobaugh (PGY2), Houston Methodist Hospital - Houston, TX

11:30 to 12:00 “Evaluation Of Pain Assessment Practices In Cancer Patients Admitted To The Oncology Floor”
Cynthia El Rahi (PGY1), Houston Methodist Hospital - Houston, TX

Program Objectives:
1.) Identify treatment options utilized in the management of patients with Evans syndrome.
2.) Discuss carboplatin dosing strategies and implications with consideration for renal function and obesity.
3.) Describe the National Comprehensive Cancer Network (NCCN) recommendations for cancer pain assessment.
THURSDAY, MAY 8, 2014

Session 2F (10:30 To 12:00)  Big Blue C  Critical Care  ACPE #

10:30 to 11:00  “Achievement of Appropriate Anti-XA Levels with Standard Prophylactic Dose Enoxaparin in a Trauma Population”
Rachel Williams (PGY1), Wesley Medical Center - Wichita, KS

11:00 to 11:30  “Impact Of Pharmacist Intervention On Inappropriate Stress-Ulcer Prophylaxis Prescribing Practices In A Community Hospital Setting”
Lisa Pham (PGY1), Salina Regional Health Center - Salina, KS

11:30 to 12:00  “Evaluation of Emergency Department Initial Antimicrobial Agents in Patients with Severe Sepsis and Septic Shock”
Sarah Minner (PGY1), Barnes-Jewish Hospital - St. Louis, MO

Program Objectives:
1.) Discuss the risk of VTE in trauma patients.
2.) Describe the impact of pharmacy intervention on stress-ulcer prophylaxis prescribing practices.
3.) Recognize deficits in guidelines and literature regarding the definition and practice of initial, appropriate antimicrobial use.

Session 2G (10:30 To 12:00)  Council Bluffs A  Clinical Services Management  ACPE #

10:30 to 11:00  “The Impact Of Pharmacy Liaison Services In A Large Community Hospital”
Nicolle Rychlick (PGY1), Mercy Hospital - Springfield - Springfield, MO

11:00 to 11:30  “Implementation Of A Clinical Scoring Tool At Abbott Northwestern Hospital: A Valuable Tool For Conducting Efficient And Effective Patient Profile Reviews”
Rana Shouman (PGY1), Abbott Northwestern Hospital - Minneapolis, MN

11:30 to 12:00  “Use of Multidisciplinary Education to Enhance Insulin Infusion Transition Adherence”
Kristen Backe (PGY1), CoxHealth System - Springfield, MO

Program Objectives:
1.) Describe the value and responsibilities of pharmacy liaison services.
2.) Report the results of a clinical scoring tool implemented in a busy patient care unit of a large acute care hospital setting.
3.) Identify appropriate use of insulin infusion therapy in critically ill patients based on CoxHealth protocol.

Session 2H (10:30 To 12:00)  Council Bluffs B  Internal Medicine  ACPE #

10:30 to 11:00  “A comparison of bupivacaine liposome injectable suspension (BLIS) to a standard peri-articular injection for post-operative analgesia following major orthopedic surgery”
Susan Dynneson (PGY1), Trinity Health - Minot, ND

11:00 to 11:30  “Cross-sectional study examining the differences in the prevalence of health service deficits among US adults with at least one chronic illness of COPD, asthma, arthritis, and/or diabetes 10 years prior to and 10 years after Medicare eligibility.”
Catherine Kucharski (PGY1), Essentia Health - St. Mary’s Medical Center - Duluth, MN

11:30 to 12:00  “Using Clinical Decision Support (CDS) to Monitor for Risk of Drug Induced Torsades de Pointes (TDP) within a Computer Provider Order Entry (CPOE) System”
David Nguyen (PGY1), SS St. Mary’s Health Center - Richmond Heights, MO

Program Objectives:
1.) Discuss current multimodal pain management strategies and guidelines.
2.) Compare the prevalence of health service deficits among US adults with at least one chronic illness 10 years prior to and 10 years after Medicare eligibility.
3.) Describe the effect of clinical decision support on computerized provider order entry.

Session 3A (1:00 To 3:00)  Elkhorn A  Infectious Disease  ACPE #

1:00 to 1:30  “Differences in the Prescribing Patterns of Antibiotics for the Empirc Treatment of Potential Staphylococcus aureus Infections in Rural Versus Non-Rural US Adults”
John Grygelko (PGY1), Essentia Health - St. Mary’s Medical Center - Duluth, MN

1:30 to 2:00  “Evaluation Of Physician And Pharmacy Vancomycin Management In Obese And Non-Obese Patients”
James Foster (PGY1), Saint Francis Hospital - Tulsa, OK

2:00 to 2:30  “The safety of inhaled tobramycin in non-cystic fibrosis pediatric patients”
Carolyn Pfeifer (PGY1), The Nebraska Medical Center - Omaha, NE

2:30 to 3:00  “Evaluation of airway cultures and empiric combination antibiotic regimens: a quality improvement study”
J.K. Sturgeon (PGY1), CoxHealth System - Springfield, MO

Program Objectives:
1.) Identify risk factors in specific patient populations for potential Staphylococcus aureus infections.
2.) Discuss the 2009 IDSA/ASHP/SIDP vancomycin guideline as it relates to dosing of vancomycin in obese patients.
3.) Describe the use of inhaled tobramycin in pediatric patients without cystic fibrosis.
4.) Describe the potential benefits from the utilization of combination antibiotics.

Session 3B (1:00 To 3:00)  Elkhorn B  Critical Care  ACPE #

1:00 to 1:30  “Measuring Outcomes Of Patients Receiving Liposomal Bupivacaine Versus Traditional Pain Control”
Maria Agunsoye (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

1:30 to 2:00  “Evaluation of dalteparin use for hip, knee, and shoulder prosthetic joint infections”
Guang Cao (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

2:00 to 2:30  “Evaluation And Optimization Of Appropriate Use Of Piperacillin-Tazobactam At An Academic Medical Center.”
Kristine Widboom (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

2:30 to 3:00  “The Incidence of Fever During the Use of Dexmedetomidine Infusion for Greater Than 48 Hours”
Meghan Lee (PGY1), Fairview Southdale Hospital - Edina, MN

Program Objectives:
1.) Describe the impact of multimodal approach to pain management.
2.) Describe the impact of prosthetic joint infections (PJI) on patient’s quality of life.
3.) Discuss the objectives of antimicrobial stewardship programs.
4.) Recognize fever as part of the side effect profile of dexmedetomidine.
**Session 3C (1:00 To 3:00) Elkhorn C Pediatrics/Neonatology**

**1:00 to 1:30**
"Creation and implementation of policy and procedure for intranasal medication administration"
Amanda Vander Tuig (PGY1), The University of Kansas Hospital - Kansas City, KS

**1:30 to 2:00**
"Use of fluconazole as prophylaxis for invasive Candida infections in preterm infants: a retrospective chart review"
Stephanie Le (PGY1), Alegent Creighton Health, Creighton University Medical Center - Omaha, NE

**2:00 to 2:30**
"Evaluation of a creatinine-based vancomycin dosing regimen in the neonatal intensive care unit."
Emily Sass (PGY1), Avera McKennan Hospital & University Health Center - Sioux Falls, SD

**2:30 to 3:00**
"Comparison of Treatment Outcomes for Adolescent Patients Completing an Interdisciplinary Pain Rehabilitation Program Based on Opioid Use Status at Admission"
Heather Standorf (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN

**Program Objectives:**
1.) Create and implement a policy and procedure for an alternative route of administration.
2.) Identify the complications associated with invasive fungal infections in preterm infants.
3.) Describe patient characteristics to consider when dosing vancomycin in the neonatal population.
4.) Describe the role of pain rehabilitation programs in managing chronic noncancer pain in adolescents.

**Session 3D (1:00 To 3:00) Big Blue A Primary/Ambulatory Care**

**1:00 to 1:30**
"Implementation of a Pediatric Asthma Service: Impact, Challenges and Future Plans"
Ryan Pett (PGY1), Rapid City PHS Indian Hospital - Rapid City, SD

**1:30 to 2:00**
"Discharge Counseling and Medication Review: An evaluation of 30-day Re-admittance and Patient Satisfaction with a Pharmacist Run Discharge Counseling and Medication Review Service."
Laurel Aaberg (PGY1), CoxHealth System - Springfield, MO

**2:00 to 2:30**
"Enoxaparin Prophylaxis In Trauma Patients"
Katie Norton (PGY1), Via Christi Hospitals Wichita, Inc. - Wichita, KS

**2:30 to 3:00**
"Characteristics of a 30-day readmission population using adverse drug event"
Meghan Haftman (PGY1), Via Christi Hospitals Wichita, Inc. - Wichita, KS

**Program Objectives:**
1.) Describe the implementation of a pharmacist-led pediatric asthma service.
2.) Describe the benefits of a pharmacist run discharge counseling service within an inpatient health system.
3.) Discuss deep venous thromboembolism (DVT) prophylaxis with enoxaparin.
4.) Discuss the ramifications of adverse drug events on hospital readmission.

**Session 3E (1:00 To 3:00) Big Blue B Internal Medicine**

**1:00 to 1:30**
"Retrospective Evaluation of a Standardized Order Set for the Treatment of Diabetic Ketoacidosis in the Medical Intensive Care Unit"
Adam Baird (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

**1:30 to 2:00**
"Incidence of Gastrointestinal Bleeds in Patients with Continuous-flow Left Ventricular Assist Devices Prescribed Serotonergic Agents"
Jordan Schultz (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA

**2:00 to 2:30**
"Comparison of Enoxaparin with Unfractionated Heparin (UFH) for Venous Thromboembolism (VTE) Prophylaxis in Medically Ill Dialysis Patients"
Amanda Buckallew (PGY1), Missouri Baptist Medical Center - Saint Louis, MO

**2:30 to 3:00**
"Assessment Of Blood Glucose Control In General Medicine Patients Treated With Subcutaneous Insulin In A Community Hospital."
Catherine Mattli (PGY1), Alegent Creighton Health Bergan Mercy Medical Center - Omaha, NE

**Program Objectives:**
1.) List the criteria for resolution of diabetic ketoacidosis.
2.) Participants should be able to explain the mechanism by which serotonergic agents may predispose patients to an increased risk of gastrointestinal bleeding.
3.) Explain the concerns associated with enoxaparin use for VTE prophylaxis in dialysis patients.
4.) Describe the preferred insulin regimen for the management of hyperglycemia in non-critically ill patients according to the AACE and ADA.

**Session 3F (1:00 To 3:00) Big Blue C Pharmacy Practice**

**1:00 to 1:30**
"Impact of Hospital Pharmacy on Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Survey Results"
Namhee Kwak (PGY1), Houston Methodist Hospital - Houston, TX

**1:30 to 2:00**
"Drug-Related Rehospitalizations Within Seven Days: A Retrospective Study To Identify Areas For Pharmacist Involvement In Readmission Reduction"
Nada Abou-Karam (PGY1), United Hospital - St. Paul, MN

**2:00 to 2:30**
"Implementation of a Medication Reconciliation Program Utilizing Pharmacists and Pharmacy Interns"
Erik Stromberg (PGY1), United Hospital - St. Paul, MN

**2:30 to 3:00**
"Quality Improvement Analysis Of The Drug Shortage Process At Wesley Medical Center"
Caleb Dunn (PGY1), Wesley Medical Center - Wichita, KS

**Program Objectives:**
1.) Describe the impact of Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) survey results on hospital reimbursements.
2.) Recognize the importance of characterizing and measuring hospital readmissions.
3.) Describe the impact of admission medication reconciliation on patient safety.
4.) Review the causes of drug shortages.
THURSDAY, MAY 8, 2014

Session 3G (1:00 To 3:00)  Council Bluffs A  Cardiology

1:00 to 1:30
"Impact Of A Pharmacist-Run Interdisciplinary Hypertension Shared Medical Appointment At A Rural Veterans Affairs (VA) Health Care System"  
Jennifer O’Day (PGY1), VA Black Hills Health Care System - Hot Springs, SD

1:30 to 2:00
"Optimization of Evidence-Based Heart Failure Therapy and Resource Utilization in an Outpatient Specialty Clinic"  
Karen McElver (PGY1), Park Nicollet Methodist Hospital - St. Louis Park, MN

2:00 to 2:30
"Effect of Body Habitus and other Risk Factors on Achievement of Therapeutic Anti-XA Levels in Dose Capped ACS Patients"  
Jena Torpin (PGY2), University of Missouri Health Care - Columbia, MO

2:30 to 3:00
"Pharmacist-managed enoxaparin dosing and anti-Xa level monitoring for therapeutic anticoagulation"  
Rebecca Lange (PGY1), Abbott Northwestern Hospital - Minneapolis, MN

Program Objectives:
1.) Explain the importance of an interdisciplinary approach to treating hypertension.
2.) Identify medications shown to reduce mortality in patients with heart failure.
3.) Identify variables that may affect blood volume.
4.) Describe CHEST guideline recommendations on monitoring anti-Xa levels for therapeutic enoxaparin dosing.

Session 3H (1:00 To 3:00)  Council Bluffs B  Clinical Services Management

1:00 to 1:30
"Expanding The Role Of A Hospital Pharmacist: Medication Reconciliation In Physician Clinics: Implementing A Service In 3 Phases"  
Adam Wilcox (PGY1), Allen Hospital - Waterloo, IA

1:30 to 2:00
"Retrospective Review Of Concomitant Zosyn/Vancomycin Related Acute Kidney Injury."  
Michael Koraleski (PGY1), Nebraska Methodist Hospital - Omaha, NE

2:00 to 2:30
"MTM in Medicaid: A Case Study"  
Alex Hoopes (PGY1), OutcomesMTM - West Des Moines, IA

2:30 to 3:00
"Assessing Patient Interest In A Bedside Discharge Medication Delivery Service At A Community Hospital"  
Abby Switzer (PGY1), Lawrence Memorial Hospital - Lawrence, KS

Program Objectives:
1.) Recognize the impact pharmacist-led medication reconciliation can have on patient care.
2.) Review the incidence of acute kidney injury in patients with concomitant use of Zosyn and vancomycin.
3.) Describe the MTM program implemented by the managed Medicaid health plan.
4.) Identify the potential impact of a bedside discharge medication delivery service on patient satisfaction in a community hospital.

Session 3I (2:00 TO 3:00)  Missouri  Transplant

2:00 to 2:30
"Per-Operative Prophylactic Anticoagulation Strategies In Kidney And Kidney-Pancreas Transplant Patients"  
Melody Maa (PGY1), Houston Methodist Hospital - Houston, TX

2:30 to 3:00
"Predictors of Renal Graft Dysfunction After Antibody-Mediated Rejection in Renal Transplantation"  
Samantha Kuten (PGY2), Houston Methodist Hospital - Houston, TX

Program Objectives:
1.) Discuss the utility of using prophylactic anticoagulation regimens in post-kidney and kidney-pancreas transplant patients.
2.) Describe the course of antibody-mediated rejection and its impact on renal transplantation.

Session 3J (2:00 TO 3:00)  Platte  Critical Care

2:30 to 3:00
"Adherence to Early Goal-directed Therapy in the Treatment of Severe Sepsis and Septic Shock at a Community Hospital"  
Natalie Johnson (PGY1), Stormont-Vail HealthCare - Topeka, KS

2:30 to 3:00
"Evaluation of Medication-Induced Delirium in Critical Care Patients at an Academic Medical Center"  
Edric Wong (PGY2), The University of Kansas Hospital - Kansas City, KS

Program Objectives:
1.) Identify goals for initial resuscitation in the management of severe sepsis.
2.) Determine if medications used in sedation, pain, and agitation contribute to delirium in medical ICU patients.

Session 4A (3:15 To 5:15)  Elkhorn A  Infectious Disease

3:15 to 3:45
"Implementation of procalcitonin testing and the effects on antibacterial prescribing patterns in medical intensive care unit (MICU) patients"  
Samantha Bartusek (PGY1), Minneapolis VA Health Care System - Minneapolis, MN

3:45 to 4:15
"Evaluation of antimicrobial stewardship in an academic medical center emergency department"  
Barry Nakaoka (PGY1), Creighton University Medical Center - Omaha, NE

4:15 to 4:45
"Frequency of weight-based initial vancomycin doses ordered by pharmacy dosing service providers versus non-pharmacy dosing service providers in an acute care hospital"  
Olivia Unruh (PGY1), Via Christi Hospitals Wichita, Inc - Wichita, KS

4:45 to 5:15
"Tolerability of cephalosporins and carbapenems in patients with reported penicillin allergies in a real world setting"  
Heather Hansen (PGY1), Wesley Medical Center - Wichita, KS

Program Objectives:
1.) Evaluate the potential for utilization of procalcitonin labs to reduce antimicrobial usage.
2.) Discuss the potential impact of a pharmacy driven antimicrobial stewardship program in an Emergency Department.
3.) Describe vancomycin pharmacokinetic parameters.
4.) Review the impact of avoiding beta-lactams in patients labeled penicillin allergic.
### Session 4B: Community Practice

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>3:15-3:45</td>
<td>&quot;Effects of a Medication Synchronization Program on Medication Adherence in a Small Community Pharmacy.&quot;</td>
<td>Spenser Rhines (PGY1), South Dakota State University - Milbank, SD</td>
</tr>
<tr>
<td>3:45-4:15</td>
<td>&quot;Implementation and Efficacy of a Pharmacist Based Lifestyle Coaching Program&quot;</td>
<td>Laura Johnson (PGY1), South Dakota State University - Brookings, SD</td>
</tr>
<tr>
<td>4:15-4:45</td>
<td>&quot;The impact of translational services in a community pharmacy setting on patient satisfaction of pharmacy services and medication adherence&quot;</td>
<td>Trenton Powell (PGY1), Creighton University School of Pharmacy and Health Professions - Omaha, NE</td>
</tr>
<tr>
<td>4:45-5:15</td>
<td>&quot;Survey To Determine Pharmacists' Capabilities and Perceived Value Of Clinical Interventions During The Dispensing Process&quot;</td>
<td>Wendy Lantaff (PGY1), University of Iowa Community Pharmacy Residency Program - Iowa City, IA</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe the key aspects of the medication synchronization program used in this study.
2. Identify the need for lifestyle modifications in the control of chronic disease.
3. Describe how language barriers can effect health care.
4. Identify the most common obstacles pharmacists in the community setting may encounter when making clinical interventions during the traditional dispensing process.

### Session 4C: Pharmacy Practice

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>3:15-3:45</td>
<td>&quot;Optimization of medication distribution processes and workflow in an urban, acute care hospital.&quot;</td>
<td>Nicholas Gamble (PGY1), Abbott Northwestern Hospital - Minneapolis, MN</td>
</tr>
<tr>
<td>3:45-4:15</td>
<td>&quot;Improving Post-Surgical Patient Satisfaction Through Pre-Surgical, Pharmacist-Led Pain Management Education&quot;</td>
<td>Jon Malepsy (PGY1), Abbott Northwestern Hospital - Minneapolis, MN</td>
</tr>
<tr>
<td>4:15-4:45</td>
<td>&quot;Development of a Pharmacy-Directed Medication Reconciliation Program&quot;</td>
<td>Melissa Katzenberger (PGY1), Allina Health Mercy and Unity Hospitals - Blaine, MN</td>
</tr>
<tr>
<td>4:45-5:15</td>
<td>&quot;Expansion of Pharmacist Responsibilities at Discharge for Readmitted Patients with COPD&quot;</td>
<td>Kandace Schuft (PGY1), Unity Hospital - Fridley, MN</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Describe how Lean process improvement can positively impact a healthcare facility, specifically as it relates to pharmacy operations and the medication distribution process.
2. Understand and be able to replicate a model for improving post-surgical patient satisfaction through pharmacist-driven pain education.
3. Describe the importance of pharmacy-driven medication reconciliation in aligning with the Joint Commission National Patient Safety Goal (NPSG.03.06.01).
4. Identify possible responsibilities which can expand a pharmacist's role and reduce hospital readmissions.

### Session 4D: Primary/Ambulatory Care

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>3:15-3:45</td>
<td>&quot;Comparison of the Management of Warfarin Patients Followed by Face-to-Face Point-of-Care vs. Lab Draw with Telephone Follow-Up&quot;</td>
<td>Jamie Koerner (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN</td>
</tr>
<tr>
<td>3:45-4:15</td>
<td>&quot;Prospective Pharmacist Identification of Drug Therapy Problems in the Medical Home&quot;</td>
<td>Tamara Lallier (PGY1), Northeast Iowa Medical Education Foundation - Waterloo, IA</td>
</tr>
<tr>
<td>4:15-4:45</td>
<td>&quot;Patient Satisfaction with Pharmacist-Led Chronic Disease State Management Programs&quot;</td>
<td>Tyler Schuessler (PGY1), Ball's Food Stores/University of Kansas School of Pharmacy - Olathe, KS</td>
</tr>
<tr>
<td>4:45-5:15</td>
<td>&quot;Benefits Of Utilizing Patient-Assistance Programs To Reduce Medical Costs To Patients And Healthcare Systems&quot;</td>
<td>Justin Jones (PGY1), Sanford Medical Center Fargo - Fargo, ND</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Identify the advantages and disadvantages of using the face-to-face point-of-care method of warfarin management vs. lab draw with telephone follow up.
2. Outline a feasible process for pharmacist involvement in pre-visit planning.
3. Identify how patient perceptions could impact pharmacist-led DSM programs.
4. Describe the availability of patient-assistance programs in the outpatient infusion population.

### Session 4E: Hematology/Oncology

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<thead>
<tr>
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<tbody>
<tr>
<td>3:15-3:45</td>
<td>&quot;Evaluation of Antimicrobial Supportive Care in Patients with Acute Leukemia Undergoing Induction Chemotherapy.&quot;</td>
<td>Leah Bartelson (PGY1), Park Nicollet Methodist Hospital - St. Louis Park, MN</td>
</tr>
<tr>
<td>3:45-4:15</td>
<td>&quot;Moxifloxacin Prophylaxis in Neutropenic Patients Undergoing Induction Therapy for Acute Leukemia&quot;</td>
<td>Michele Simmons (PGY1), The Nebraska Medical Center - Omaha, NE</td>
</tr>
<tr>
<td>4:15-4:45</td>
<td>&quot;Effect of linezolid on hematologic recovery following induction chemotherapy for acute leukemia &quot;</td>
<td>Adrienne Nedved (PGY2), Barnes-Jewish Hospital - St. Louis, MO</td>
</tr>
<tr>
<td>4:45-5:15</td>
<td>&quot;Evaluation Of Antimicrobial Resistance In Acute Leukemia Patients Receiving Levofloxacin Prophylaxis&quot;</td>
<td>Kristen Szempruch (PGY1), Mayo Clinic Hospital - Rochester - Rochester, MN</td>
</tr>
</tbody>
</table>

**Program Objectives:**
1. Discuss anti-infective prophylaxis for patients with acute leukemia undergoing induction chemotherapy.
2. To review the role of fluoroquinolone prophylaxis in acute leukemia patients undergoing induction therapy.
3. Describe potential adverse effects associated with linezolid in patients with hematologic malignancies.
4. Discuss the rationale for fluoroquinolone prophylaxis in acute leukemia patients during severe or prolonged neutropenia.
THURSDAY, MAY 8, 2014

**Session 4F (3:15 To 5:15)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>Evaluation of Outcomes for a Multiple Myeloma Specialty Pharmacy Program</td>
<td>Courtney Gent (PGY2), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
<td>Big Blue C Clinical Services Management</td>
<td>ACPE #</td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>Improving Admission Medication Reconciliation Processes And Implementing A Discharge Transitions Of Care Process For High Risk Patients.</td>
<td>Jana Yeh (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN</td>
<td></td>
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</tr>
<tr>
<td>4:15 to 4:45</td>
<td>Development Of An Inpatient Medication Therapy Management Referral Program In An Integrated Care Delivery System</td>
<td>Megan Born (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN</td>
<td>Clinical Services Management</td>
<td></td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>The University Of Kansas Hospital Alaris Pump Guardrails® Quality Improvement Project</td>
<td>Khiengkham Vouthy (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td>Clinical Services Management</td>
<td></td>
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</table>

Program Objectives:
1. Describe the components that define specialty pharmaceuticals.
2. Describe the risks associated with transitions of care and explain potential ways transitions of care can be improved.
3. To describe a tool and process for increasing the MTM referral volume of high risk patients at a large, academic medical center.
4. Describe how pharmacists and the Quality and Safety Investigators are working together to develop a continuous quality improvement process for smart pump utilization.

**Session 4G (3:15 To 5:15)**

<table>
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<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>Evaluation of Pharmacist Approach to Managing Duplicate Medication Therapy: Enhancing Medication Safety at two Community Hospitals.</td>
<td>Messiah Moore (PGY1), Mercy and Unity Hospitals - Coon Rapids, MN</td>
<td>Council Bluffs A Pharmacy Practice</td>
<td>ACPE #</td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>Safety and Efficacy of the New Oral Anticoagulants Compared to a Historical Warfarin Control: An Evaluation of Current Dosing Practices and Creatinine Clearance Calculation</td>
<td>Andrew Wehrhan (PGY1), Heartland Regional Medical Center - St. Joseph, MO</td>
<td>Council Bluffs A Pharmacy Practice</td>
<td></td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>Pharmacist Monitoring of Amiodarone</td>
<td>Emily Carr (PGY1), VA Nebraska-Western Iowa - Lincoln, NE</td>
<td>Cardiology</td>
<td></td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>Evaluation of the safety and efficacy of prophylactic amiodarone therapy for prevention of postoperative atrial fibrillation (POAF) in cardiothoracic surgery patients</td>
<td>Danny Ephraim (PGY1), Missouri Baptist Medical Center - St. Louis, MO</td>
<td>Cardiology</td>
<td></td>
</tr>
</tbody>
</table>

Program Objectives:
1. Define therapeutic drug duplication.
2. Identify the best method of calculating creatinine clearance for dosing the new oral anticoagulants.
3. List ongoing monitoring recommendations for amiodarone.
4. Explain pertinent literature that supports the use of prophylactic amiodarone in the prevention of POAF.

**Session 4H (3:15 To 5:15)**

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<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>Validation Of A Vancomycin Dosing Protocol For 13 To 18 Year Old Patients</td>
<td>Emily Gulley (PGY1), Mercy Hospital - Springfield - Springfield, MO</td>
<td>Council Bluffs A Pharmacy Practice</td>
<td>ACPE #</td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>Assessment Of Pertiussis Immunization Patterns In Postpartum Patients At A Large Community Hospital</td>
<td>Kristin McNaughton (PGY1), Saint Elizabeth Regional Medical Center - Lincoln, NE</td>
<td>Pediatrics/Neonatology</td>
<td></td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>Dosing of Recombinant Antithrombin III in Neonatal and Pediatric Patients Undergoing Extracorporeal Membrane Oxygenation</td>
<td>Bethany Lazeur (PGY1), Children’s Hospital &amp; Medical Center - Omaha, NE</td>
<td>Pediatrics/Neonatology</td>
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</tbody>
</table>

Program Objectives:
1. Determine current dosing for adolescents according to IDSA guidelines.
2. Review the rationale for immunizing infant contacts with the Tdap vaccine.
3. Describe the mechanisms of action and its role in the clotting cascade.
4. List the reasons why rifampin is commonly used as adjunctive treatment in S. aureus osteomyelitis.

**Session 4I (3:15 To 5:15)**

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<tbody>
<tr>
<td>3:15 to 3:45</td>
<td>Evaluation of Potentially Avoidable 30-day Hospital Readmissions in Veterans</td>
<td>Nirali Patel (PGY1), Kansas City VA Medical Center - Kansas City, MO</td>
<td>Missouri Pharmacy Practice</td>
<td>ACPE #</td>
</tr>
<tr>
<td>3:45 to 4:15</td>
<td>Impact Of High Fidelity Simulation Experience On Pharmacists And Pharmacy Students' Comfort Level In Responding To An Acute Arrhythmia Scenario In The Hospital</td>
<td>Betsy Karl (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
<td>Missouri Pharmacy Practice</td>
<td></td>
</tr>
<tr>
<td>4:15 to 4:45</td>
<td>Assessment of health literacy in medical inpatients at high-risk for readmission</td>
<td>Katheryn Carlson (PGY1), Avera McKennan Hospital &amp; University Health Center - Sioux Falls, SD</td>
<td>Missouri Pharmacy Practice</td>
<td></td>
</tr>
<tr>
<td>4:45 to 5:15</td>
<td>Assessment Of The Availability Of Drug-Supplement Interaction Data In U.S. Prescribing Information</td>
<td>Bob Andersen (PGY2), Creighton University, Center for Drug Information &amp; Evidence-Based Practice - Omaha, NE</td>
<td>Missouri Pharmacy Practice</td>
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</table>

Program Objectives:
1. Identify causes and risk factors for potentially avoidable 30-day hospital readmissions in the veteran population based on chart reviewed and administrative data.
2. Evaluate the role of high fidelity simulation experience in improving pharmacists and pharmacy students’ comfort level in acute arrhythmia scenario.
3. Evaluate the utility of health literacy assessments in the inpatient setting.
4. Discuss whether prescribing information provides information and warnings about potential drug-supplement interactions.
**THURSDAY, MAY 8, 2014**

**Session 4J (3:15 To 5:15)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Program Objective</th>
</tr>
</thead>
</table>
| 3:15 to 3:45 | Elkhorn A | “Cardiovascular Surgery Glycemic Assessments Review: A Six Year Retrospective Analysis (CV-SuGAR Study)”  
Leah Sanchez (PGY2), Houston Methodist Hospital - Houston, TX |
| 3:45 to 4:15 | Elkhorn A | “Evaluation of inhaled epoprostenol versus inhaled nitric oxide for the acute management of pulmonary hypertension in critically ill patients”  
Jessica George (PGY2), Houston Methodist Hospital - Houston, TX |
| 4:15 to 4:45 | Elkhorn A | “Evaluation of the P2Y12 assay in the neurointensive care unit”  
Christine Aguilar (PGY2), Houston Methodist Hospital - Houston, TX |
| 4:45 to 5:15 | Elkhorn A | “Clinical Outcomes Associated With Digoxin Use In Patients With Atrial Fibrillation And Diastolic Heart Failure”  
Jonathan Balk (PGY1), Houston Methodist Hospital - Houston, TX |

**Program Objectives:**

1.) Identify the different methods for assessing glycemic control.
2.) Review the pathophysiology of pulmonary hypertension to better understand the mechanisms of actions of various treatment options.
3.) Review indications for intracranial stenting and associated complications.
4.) Compare clinical outcomes associated with digoxin use in patients with systolic heart failure versus those with diastolic heart failure.

**FRIDAY, MAY 9, 2014**

**Session 5A (7:30 To 9:00)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Program Objective</th>
</tr>
</thead>
</table>
| 7:30 to 8:00 | Elkhorn A | “Evaluation Of Current Antibiotic Use For Surgery Prophylaxis”  
Beth Acededo (PGY1), Allen Hospital - Waterloo, IA |
| 8:00 to 8:30 | Elkhorn A | “Pharmacist-Driven Antimicrobial Stewardship Initiative in Patients Discharged from the Emergency Department”  
Gregory Tallman (PGY1), Mercy Medical Center - Des Moines, IA |
| 8:30 to 9:00 | Elkhorn A | “A Pharmacist Led Approach To Decrease Inappropriate Utilization Of Clostridium Difficile Treatment In Medical Patients: An Observational Study”  
Daniel Barone (PGY1), Mercy Medical Center-North Iowa - Mason City, IA |

**Program Objectives:**

1.) Describe the current recommendations of the optimal time to administer antibiotics pre-operatively and the appropriate redosing interval for antibiotics.
2.) Identify targets for improving antimicrobial usage in the emergency department.
3.) Discuss appropriate treatment for C.difficile infection based on severity and/or recurrence.

**Session 5B (7:30 To 9:00)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Program Objective</th>
</tr>
</thead>
</table>
| 7:30 to 8:00 | Elkhorn B | “Evaluation of Potentially Avoidable Hospital Days for Patients on Warfarin”  
Jessica Tamborella (PGY1), Houston Methodist Hospital - Houston, TX |
| 8:00 to 8:30 | Elkhorn B | “Evaluation of Sotalol and Dobutamine with JTC Monitoring in Patients with Ventricular Conduction Abnormalities”  
Ekundayo Osho (PGY1), Houston Methodist Hospital - Houston, TX |
| 8:30 to 9:00 | Elkhorn B | “Association of oral anticoagulation with development of pocket hematoma following implantable cardiac defibrillator or permanent pacemaker implantation”  
Abby Goerdt (PGY1), The University of Kansas Hospital - Kansas City, KS |

**Program Objectives:**

1.) Describe factors that can affect the length of stay of patients on warfarin as compared to patients on dabigatran, rivaroxaban, or apixaban.
2.) Review the significance and limitations of prolonged QTc as a safety monitoring tool in patients with bundle-branch block or nonspecific ventricular conduction delay.
3.) Identify risk factors that are associated with pocket hematoma formation.

**Session 5C (7:30 To 9:00)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Program Objective</th>
</tr>
</thead>
</table>
| 7:30 to 8:00 | Elkhorn C | “Clostridium difficile: evaluation of lactobacillus prevention modalities”  
Michelle Anderson (PGY1), Sioux Falls VA Health Care System - Sioux Falls, SD |
| 8:00 to 8:30 | Elkhorn C | “Development of Health Coaching Skills to Enhance Pharmacy Student Communication Techniques”  
Alex Middendorf (PGY1), University of Iowa - North Liberty, IA |
| 8:30 to 9:00 | Elkhorn C | “Identifying Factors That Influence Selection Of Pharmacies For Specialty Medications”  
Alftan Dyson (PGY1), University of Missouri-Kansas City - Kansas City, MO |

**Program Objectives:**

1.) Recognize the role of lactobacillus GG versus acidophilus in the prevention of C. difficile.
2.) Explain the rationale for additional training in communication-related competencies.
3.) Identify at least two characteristics all providers and staff report as being important when referring patients to a specialty pharmacy.

**Session 5D (7:30 To 9:00)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Program Objective</th>
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</thead>
</table>
| 7:30 to 8:00 | Big Blue A | “Fibrates use in an ambulatory care setting: A patient centric approach to deprescribing of potentially inappropriate fibrate therapy.”  
Rachelle Kunde (PGY1), Minneapolis VA Health Care System - Minneapolis, MN |
| 8:00 to 8:30 | Big Blue A | “Effectiveness of a pharmacist led hypnotic medication taper in conjunction with Cognitive Behavioral Therapy for Insomnia (CBT) in Primary Care patients.”  
Nicholas O’Rourke (PGY1), Minneapolis VA Health Care System - Minneapolis, MN |
| 8:30 to 9:00 | Big Blue A | “Effects of Antibiotic Therapy on International Normalized Ratios in Adults on Stable Warfarin Therapy at the University of Iowa Hospitals and Clinics”  
Tony Huynh (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA |

**Program Objectives:**

1.) Assess for appropriate fibrate use.
2.) Identify the risks of hypnotic use.
3.) Identify antibiotics that are likely to cause alterations in International Normalized Ratios of patients on stable warfarin therapy.
Session 5E (7:30 TO 9:00)  
**Big Blue B**  
Internal Medicine  
ACPE #

7:30 to 8:00  
“Evaluation of a Multimodal Pain Order Set Implemented for Gynecologic Surgical Patients”  
Heidi Oakland (PGY1), Avera McKennan Hospital & University Health Center - Sioux Falls, SD

8:00 to 8:30  
“Impact Of Pharmacist Presence On Adherence To Advanced Cardiac Life Support Guidelines During In-Hospital Adult Cardiac Arrest”  
Nichole Turner (PGY1), Avera McKennan Hospital & University Health Center - Sioux Falls, SD

8:30 to 9:00  
“Determining the Values of a Standardized Venous Thromboembolism Prophylaxis Protocol for Post Orthopedic Surgical Patients at a Teaching Hospital through Nursing Perspectives and Patient Experience.”  
Shik-Ki Li (PGY1), Avera McKennan Hospital & University Health Center - Sioux Falls, SD

**Program Objectives:**
1.) Identify the value of using a multimodal pain management approach in gynecologic surgical patients.
2.) Review the advanced cardiac life support (ACLS) guidelines used during a cardiac arrest event.
3.) Recognize there is no clear consensus on the gold standard VTE prophylaxis for orthopedic patients among orthopedic surgeons.

Session 5F (7:30 TO 9:00)  
**Big Blue C**  
Pediatrics/Neonatology  
ACPE #

7:30 to 8:00  
“Safety And Efficacy Of Ketorolac Administered To Infants And Children Following Cardiac Surgery.”  
Ashlee Randklev (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

8:00 to 8:30  
“Assessment of Targeted Mycophenolate Mofett Therapy on Clinical Outcomes in Pediatric Hematopoietic Stem Cell Transplant (HSCT) Patients”  
Jessica Poehls (PGY1), University of Minnesota Medical Center, Fairview - Minneapolis, MN

8:30 to 9:00  
“Determining the Values of a Standardized Venous Thromboembolism Prophylaxis Protocol for Post Orthopedic Surgical Patients at a Teaching Hospital through Nursing Perspectives and Patient Experience.”  
Shik-Ki Li (PGY1), Avera McKennan Hospital & University Health Center - Sioux Falls, SD

**Program Objectives:**
1.) Describe the potential benefits and risks of using ketorolac in pediatric patients following cardiac surgery.
2.) Recognize the variability and complexities associated with targeted mycophenolate mofetil dosing.
3.) Describe the benefits of standardized TPNs.

Session 5G (7:30 TO 9:00)  
**Council Bluffs A**  
Clinical Services Management  
ACPE #

7:30 to 8:00  
“Implementation And Evaluation Of A Pain Management Educational Program For Community Hospital Pharmacists”  
Assel Thoresen (PGY1), United Hospital - St. Paul, MN

8:00 to 8:30  
“Medication Alert Overrides In A Hospital Setting: The Impact On Pharmacist Interventions And Alert Fatigue”  
Emily Kirkwold (PGY1), United Hospital - St. Paul, MN

8:30 to 9:00  
“Development And Implementation Of A Bedside Medication Delivery Service”  
Mariah Hollabaugh (PGY1), University of Missouri Health Care - Columbia, MO

**Program Objectives:**
1.) Describe the impact of an educational program for pharmacists.
2.) Recognize pharmacist expressions of alert fatigue.
3.) Outline the steps taken to design a bedside medication delivery service.

Session 5H (7:30 TO 9:00)  
**Council Bluffs B**  
Psych  
ACPE #

7:30 to 8:00  
“Assessment of benzodiazepine utilization in post-traumatic stress disorder patients before and after pharmacist education in a rural veterans affairs mental health residential treatment program.”  
Chelsea Schmidt (PGY1), VA Black Hills Health Care System - Hot Springs, SD

8:00 to 8:30  
“A Population-Based Cross-Sectional Study Comparing Depression and Health Service Deficits Between Rural and Non-Rural US Military Veterans.”  
Kristina Dittrich (PGY1), Essentia Health - St. Mary’s Medical Center - Duluth, MN

8:30 to 9:00  
“Evaluation of relapse and recurrence of major depressive disorder in relation to duration of combination therapy consisting of an atypical antipsychotic and an antidepressant”  
Stephanie Kling (PGY1), Sanford Medical Center Fargo - Fargo, ND

**Program Objectives:**
1.) Explain three reasons why benzodiazepines are not recommended in patients with PTSD.
2.) Recognize major risk factors for depression among rural US military veterans.
3.) List the 3 atypical antipsychotics that have a FDA-approved indication for augmentation of major depressive disorder.

Session 5I (7:30 TO 9:00)  
**Missouri**  
Transplant  
ACPE #

7:30 to 8:00  
“Minimized dosing of rabbit anti-thymocyte globulin induction for prevention of acute renal transplant rejection”  
Tania Kapoor (PGY1), Sanford USD Medical Center - Sioux Falls, SD

8:00 to 8:30  
“Efficacy and durability of response utilizing intravenous immunoglobulin and rituximab for the development of DSA after lung transplantation”  
Elizabeth Nothdurft (PGY2), Barnes-Jewish Hospital - St. Louis, MO

8:30 to 9:00  
“Hepatitis B Immune Globulin in Combination with an Oral Nucleos(t)ide to Prevent Hepatitis B Recurrence After Liver Transplantation at an Academic Medical Center”  
Laura Gleason (PGY1), The Nebraska Medical Center - Omaha, NE

**Program Objectives:**
1.) Report the efficacy of using minimized dosing of rabbit anti-thymocyte globulin guided by CD3+ counts in renal transplant patients.
2.) Evaluate the effect of intravenous immunoglobulin and rituximab on the mean fluorescent intensity of DSA after lung transplantation.
3.) Discuss the use of hepatitis B immune globulin and oral nucleos(t)ide antiviral therapy for patients receiving liver transplants due hepatitis B virus.
4.) Describe the impact of pharmacist intervention on diabetes care management.

3.) Describe various measurements used to evaluate glycemic control.

2.) Recognize the potential role pharmacists have in managing inpatient hyperglycemia.

1.) Review the prescribing information for Kcentra™ to help guide when it should be used to manage non-hemophilic hemorrhage.

Program Objectives:

5.) Define PIHI utilizing objective patient data.

4.) Describe the impact of a newly revised emergency department (ED) trauma order set that includes tranexamic acid on mortality in adult trauma patient 18 years of age and older with, or at risk for, significant hemorrhage.

3.) Evaluate the available literature for empiric antibiotic recommendations in community onset urinary tract infections.

2.) Identify patient characteristics in critical care patients that have inadequate response to dexmedetomidine compared to patients with adequate response to help guide appropriate therapy.

1.) Review the mechanism and epidemiology of penicillin allergies.

Program Objectives:

5.) Describe how learning is best accomplished based on the adult learning theory.

4.) Identify indications for treatment with vancomycin that require higher target troughs of 15-20 mg/L.

2.) Describe the impact of a more comprehensive vancomycin dosing guideline in specific patient populations.

1.) Recognize the consequences of treating severe alcohol withdrawal outside of a written protocol.

Program Objectives:

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### Session 6D (9:15 TO 11:45)  
**Big Blue A**  
**Primary/Ambulatory Care**  
ACPE #

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:15-9:45</td>
<td>Use of Glucose Lowering Drug Classes and A1C at Insulin Initiation</td>
<td>Courtney Hugie (PGY1)</td>
<td>Iowa City VA Health Care System - Iowa City, IA</td>
</tr>
<tr>
<td>9:45-10:15</td>
<td>Evaluation of Community Pharmacist-Managed Transitions of Care on Hospital Readmission Rates</td>
<td>Rachel Smith (PGY1), University of Iowa Community Pharmacy Residency Program - Dubuque, IA</td>
<td></td>
</tr>
<tr>
<td>10:15-10:45</td>
<td>Evaluation of Pharmacist Participation in a Pilot Program Utilizing a Clinical Intervention Documentation Tool at the Lincoln VA</td>
<td>Sean Kubik (PGY1), Lincoln VA - Lincoln, NE</td>
<td></td>
</tr>
<tr>
<td>10:45-11:15</td>
<td>V-Go Insulin Delivery System vs. Multiple Daily Insulin Injections for Patients with Uncontrolled Type 2 Diabetes Mellitus</td>
<td>Abigail Winter (PGY1), Creighton University - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>11:15-11:45</td>
<td>Evaluation Of Outpatient Vitamin D Replacement Strategies In Adults: A Retrospective Review</td>
<td>Beau VanOverschelde (PGY1), Avera McKennan Hospital - Sioux Falls, SD</td>
<td></td>
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</table>

**Program Objectives:**

1.) Given a patient case, be able to determine A1c goal using VA/DoD guidelines.
2.) Evaluate effect of community pharmacist-managed transitions of care on 30-day hospital readmission rates for patients identified as high-risk for readmission according to BOOST risk assessment tool.
3.) Describe the purpose of the PHARMO Clinical Reminder Tool.
4.) Identify patients who may be good candidates for insulin administration with a V-Go.
5.) Determine the efficacy of outpatient vitamin D replacement strategies in adults for vitamin D insufficiency.

### Session 6E (9:15 TO 11:45)  
**Big Blue B**  
**Internal Medicine**  
ACPE #

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
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</thead>
<tbody>
<tr>
<td>9:15-9:45</td>
<td>Descriptive Analysis Of Patient Readmissions Due To Medication Related Events</td>
<td>Julin Thomas (PGY1), Houston Methodist Hospital - Houston, TX</td>
<td></td>
</tr>
<tr>
<td>9:45-10:15</td>
<td>Disease Severity Comparison Between Rural Critical Access Hospitals and an Urban Academic Medical Center for Patients with Chronic Obstructive Pulmonary Disease and Community Acquired Pneumonia</td>
<td>Elizabeth Grippentrog (PGY1), The Nebraska Medical Center - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>10:15-10:45</td>
<td>Disease Severity Comparison Between Rural Critical Access Hospitals and an Urban Academic Medical Center for Patients with Congestive Heart Failure and Cellulitis</td>
<td>Kimberly Karwowski (PGY1), The Nebraska Medical Center - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>10:45-11:15</td>
<td>Evaluation Of Pre-Operative Identification And Dose-Conversion Of Opioid Medications In Opioid-Tolerant Patients Undergoing Spine Surgery</td>
<td>Andrew Feld (PGY1), Allina Health Mercy and Unity Hospitals - Coon Rapids, MN</td>
<td></td>
</tr>
<tr>
<td>11:15-11:45</td>
<td>Assessment Of Glyburide-Associated Hypoglycemic Events in Hospitalized Patients with Renal Insufficiency</td>
<td>Yunlu Chen (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**

1.) Describe medication related readmissions using the Pharmaceutical Care Network Europe (PCNE) Classification.
2.) Describe the differences in care between critical access hospitals and non-critical access hospitals.
3.) Describe the Comprehensive Severity Index (CSI) and its use for measuring disease severity.
4.) Describe opioid tolerance and its effect on opioid requirements post-operatively.
5.) Recognize patient populations who may be at risk of glyburide induced hypoglycemia and provide appropriate recommendations in clinical practice.

### Session 6F (9:15 TO 11:45)  
**Big Blue C**  
**Cardiology**  
ACPE #

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<tr>
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<tbody>
<tr>
<td>9:15-9:45</td>
<td>Incidence of Cardiovascular and Bleeding Events and the Associated Cost of P2Y12 Inhibitors in Patients with Extended Duration Dual Antiplatelet Therapy after Drug Eluting Stent</td>
<td>Rachel Coleman (PGY1), Kansas City VA Medical Center - Kansas City, MO</td>
<td></td>
</tr>
<tr>
<td>9:45-10:15</td>
<td>A Retrospective Analysis of the Effectiveness and Compliance with Heparin Protocols for ACS and VTE</td>
<td>Lynn Chan (PGY1), Creighton University Medical Center - Omaha, NE</td>
<td></td>
</tr>
<tr>
<td>10:15-10:45</td>
<td>Evaluation of the Management of Suspected Heparin Resistance</td>
<td>Scott Nei (PGY2), Barnes-Jewish Hospital - St. Louis, MO</td>
<td></td>
</tr>
<tr>
<td>10:45-11:15</td>
<td>Preliminary Analysis Of Gastrointestinal Bleeding And The Use Of Intravenous Proton Pump Inhibitors In Patients With Left Ventricular Assist Devices</td>
<td>Andrea Bennett (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
<td></td>
</tr>
<tr>
<td>11:15-11:45</td>
<td>Hematologic and Thermoregulation Parameters after Induced Hypothermia for Cardiac Arrest</td>
<td>Kerry Schueler (PGY1), University of Iowa Hospitals and Clinics - Iowa City, IA</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**

1.) Recognize prescribing patterns of dual anti-platelet therapy post drug eluting-stent placement and resulting incidence rate of complications (cardiovascular & bleeding) at Kansas City VA Medical Center.
2.) Describe the importance of using weight-based nomograms to achieve aPTT.
3.) Select appropriate monitoring parameters for a suspected heparin resistant patient.
4.) Describe why continuous-flow left ventricular assist devices are associated with more gastrointestinal bleeding than pulsatile models.
5.) Discuss the effects of induced hypothermia on hematologic parameters.
## Session 6G (9:15 TO 11:45)

### Council Bluffs A

**Psych**

<table>
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<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>&quot;Implementation And Evaluation Of Pharmacy Services In Prevention And Management Of Postoperative Delirium In The Elderly&quot;</td>
<td>Jaime Thiry (PGY1),  St. Luke's Hospital - Duluth, MN</td>
<td></td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>&quot;Evaluation of an Updated Order Set to Promote Analgesia-first Sedation, Minimize Benzodiazepine Use, and Target Lighter Sedation in Mechanically Ventilated ICU Patients&quot;</td>
<td>Alexander Bolser (PGY1), HealthEast-St. Joseph's Hospital - St. Paul, MN</td>
<td></td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>&quot;Diabetes Management In A Veteran Population With Severe Mental Illness Requiring An Atypical Antipsychotic&quot;</td>
<td>Allison Schmitz (PGY1), Fargo VA Health Care System - Fargo, ND</td>
<td></td>
</tr>
<tr>
<td>10:45 to 11:15</td>
<td>&quot;Pharmacist's Role In Reducing Psychiatric Readmission by Performing Medication Cost-Saving Interventions&quot;</td>
<td>Lindsey Hall (PGY1), Minneapolis VA Health Care System - Minneapolis, MN</td>
<td></td>
</tr>
<tr>
<td>11:15 to 11:45</td>
<td>&quot;Impact of a pharmacist run metabolic clinic in patients with serious mental illness&quot;</td>
<td>Jaime Thiry (PGY1), HealthEast-St. John's Hospital - Maplewood, MN</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**

1. Recognize the etiology and pathophysiology of delirium as it relates to medication use.
3. Recognize the relationship of atypical antipsychotics and diabetes and the importance of formulating a treatment plan to appropriately manage diabetes in patients on atypical antipsychotic therapy.
4. List potential medication cost-saving interventions.
5. Review recommendations for monitoring and treatment of metabolic abnormalities commonly associated with second generation antipsychotic use.

## Session 6H (9:15 TO 11:45)

### Council Bluffs B

**Primary/Ambulatory Care**

<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker(s)</th>
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<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>&quot;Assessment of Outcomes in VA Patients with Poorly Controlled Diabetes Mellitus: A Retrospective Study of the Impact of a Pharmacist-Run Chronic Disease Management Clinic&quot;</td>
<td>Elizabeth Berland (PGY1), VA Eastern Kansas Healthcare System - Topeka, KS</td>
<td></td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>&quot;Hyperlipidemia Outcomes In a VA Pharmacist-Run Chronic Disease Management (CDM) Clinic&quot;</td>
<td>Danielle Backus (PGY1), VA Eastern Kansas Healthcare System - Topeka, KS</td>
<td></td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>&quot;Comparative Effects of FDA-Approved Dose vs. High-Dose Niacin in Controlling Blood Lipoprotein(A) Levels&quot;</td>
<td>Megan Ohrlund (PGY1), Sioux Falls VA Health Care System - Sioux Falls, SD</td>
<td></td>
</tr>
<tr>
<td>10:45 to 11:15</td>
<td>&quot;Evaluation And Implementation Of A Standardized Approach To Supportive Care Management For Veterans Receiving Chemotherapy&quot;</td>
<td>Lindsey Mild (PGY1), VA Central Iowa Health Care System - Des Moines, IA</td>
<td></td>
</tr>
<tr>
<td>11:15 to 11:45</td>
<td>&quot;Metformin Use And Vitamin B12 Screening For Peripheral Neuropathy&quot;</td>
<td>Anne Stegeman (PGY1), Kansas City VA Medical Center - Kansas City, MO</td>
<td></td>
</tr>
</tbody>
</table>

**Program Objectives:**

1. Describe the role of pharmacist-run CDM clinics in diabetes management.
2. Describe the impact of utilizing pharmacists as a team member for chronic disease management.
3. Recognize the role of niacin in the treatment of elevated lipoprotein(a) levels.
4. Identify patients undergoing intravenous chemotherapy who are appropriate for oral supportive care medications.
5. Identify the estimated risk of developing decreased vitamin B12 levels associated with metformin use.

## Session 6I (9:15 TO 10:45)

### Missouri

**Infectious Disease**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>&quot;Improving Point Of Care Lactate Test Utilization In Septic Patients Presenting To The Emergency Department&quot;</td>
<td>David Huhtelin (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>&quot;A Retrospective Review of High-Dose Ertapenem at an Academic Medical Center&quot;</td>
<td>Jarab Stallbaumer (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
<td></td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>&quot;Analysis of Subjective Procalcitonin Testing in a Tertiary Health Care System&quot;</td>
<td>Vivian Nguyen (PGY1), Saint Luke's Hospital of Kansas City - Kansas City, MO</td>
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</tbody>
</table>

**Program Objectives:**

1. Review the analysis of the implementation of POC lactate testing in the ED and any correlation in achievement of sepsis benchmarks.
2. Describe ertapenem pharmacokinetic changes in the obese population.
3. Discuss false positives that can affect procalcitonin testing.
### Session 6J (9:15 TO 10:45)

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:15 to 9:45</td>
<td>Implementation and Outcomes of a Pharmacist-Managed Inpatient Asthma Class for Pediatric Patients and their Families</td>
<td>Elizabeth Amelon (PGY2)</td>
<td>University of Iowa Hospitals and Clinics - Iowa City, IA</td>
</tr>
<tr>
<td>9:45 to 10:15</td>
<td>Risk Factors for Elevated Gentamicin Trough Levels in Neonates Receiving Therapeutic Hypothermia</td>
<td>Aimee English (PGY1)</td>
<td>Children’s Mercy Hospital &amp; Clinics - Kansas City, MO</td>
</tr>
<tr>
<td>10:15 to 10:45</td>
<td>Evaluation of Dexmedetomidine Use in Pediatric Cardiac Surgery Patients</td>
<td>Ekeni Livingston (PGY1)</td>
<td>Children’s Mercy Hospital &amp; Clinics - Kansas City, MO</td>
</tr>
</tbody>
</table>

**Program Objectives:**

1. Describe steps necessary to implement a pharmacist-managed inpatient educational class for patients and families.
2. Identify benefits of therapeutic hypothermia for neonates with moderate to severe HIE.

### Session 7A (12:15 TO 3:15)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>A Retrospective Assessment Of Vancomycin Dosing In Patients With Morbid Obesity</td>
<td>Sarah Thomas (PGY1)</td>
<td>Barnes-Jewish Hospital - St. Louis, MO</td>
</tr>
<tr>
<td>12:45 to 1:15</td>
<td>Risk Factors and Outcomes Associated with Vancomycin-Induced Nephrotoxicity</td>
<td>Matthew Crotty (PGY1)</td>
<td>Barnes-Jewish Hospital - St. Louis, MO</td>
</tr>
<tr>
<td>1:15 to 1:45</td>
<td>Evaluation of Antimicrobial Utilization on Bacterial Susceptibility Patterns within Sant Luke’s Health System</td>
<td>Tinh Nguyen (PGY1)</td>
<td>Saint Luke’s Hospital of Kansas City - Kansas City, MO</td>
</tr>
<tr>
<td>2:15 to 2:45</td>
<td>Safety Comparison of Off-Label Ertapenem Dosing vs Standard Once Daily Dosing in Renally Impaired Patients</td>
<td>Samuel Arends (PGY1)</td>
<td>Kansas City VA Medical Center - Kansas City, MO</td>
</tr>
<tr>
<td>2:45 to 3:15</td>
<td>Incidence and Severity of Acute Kidney Injury Seen with Meropenem Versus Piperacillin-Tazobactam with Concurrent Vancomycin Therapy</td>
<td>Rachel Walker (PGY1)</td>
<td>Heartland Regional Medical Center - St. Joseph, MO</td>
</tr>
</tbody>
</table>

**Program Objectives:**

1. Identify unique pharmacokinetic properties associated with morbid obesity that may complicate dosing.
2. Discuss potential risk factors for vancomycin-induced nephrotoxicity (VIN).
3. Recognize the potential impact of inappropriate antimicrobial use on the emergence of bacterial resistance.
4. Identify the key factors for determination of appropriate surgical antimicrobial prophylaxis.
5. Review the proper dosing for ertapenem in patients with renal impairment.
6. Define acute kidney injury (AKI) as defined by the drug-induced nephrotoxicity criteria.

### Session 7B (12:15 TO 3:15)

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>Evaluation of four-factor prothrombin complex concentrate in the management of warfarin-related intracranial hemorrhage</td>
<td>Carolyn Huninghamke (PGY1)</td>
<td>Saint Luke’s Hospital - Shawnee, KS</td>
</tr>
<tr>
<td>12:45 to 1:15</td>
<td>Intravenous acetaminophen as adjunctive treatment for post-operative pain after cardiac surgery: a retrospective review</td>
<td>Melanie Smith (PGY1)</td>
<td>Shawnee Mission Medical Center - Shawnee, KS</td>
</tr>
<tr>
<td>1:15 to 1:45</td>
<td>Evaluation of the treatment of acute major bleeding in a community hospital system</td>
<td>Erin Uhlmeyer (PGY1)</td>
<td>Alegent Creighton Health Bergan Mercy Medical Center - Omaha, NE</td>
</tr>
<tr>
<td>1:45 to 2:15</td>
<td>Evaluation of Procalcitonin in a University Hospital Intensive Care Unit</td>
<td>Megan Austin (PGY1)</td>
<td>The Nebraska Medical Center - Omaha, NE</td>
</tr>
<tr>
<td>2:15 to 2:45</td>
<td>Impact of deep sedation upon ICU arrival</td>
<td>Michael Samarin (PGY2)</td>
<td>The Nebraska Medical Center - Omaha, NE</td>
</tr>
<tr>
<td>2:45 to 3:15</td>
<td>Efficacy, Safety, and Timing of 5% NaCl versus 23.4% NaCl for Osmotic Therapy</td>
<td>Christopher Carter (PGY1)</td>
<td>Barnes-Jewish Hospital - Saint Louis, MO</td>
</tr>
</tbody>
</table>

**Program Objectives:**

1. Describe potential clinical benefits of using a 4F-PCC product compared to FFP or 3F-PCC with rFVIIa.
2. Describe the role of intravenous acetaminophen in post-operative cardiac surgery pain management.
3. List the therapeutic options used to treat patients who present with acute major bleeding on concurrent warfarin therapy.
4. Describe the impact adherence to a procalcitonin-guided antibiotic algorithm has on septic patient outcomes.
5. Describe the impact that deep sedation initiated in the emergency department has on ICU outcomes.
6. Describe the utility of 5% NaCl as compared to 23.4% NaCl for the treatment of intracranial hypertension.
### 6.) Describe the risk factors versus benefits of the use of low molecular weight heparins for venous thromboembolism prophylaxis in hematopoietic stem cell transplant patients.

**Elkhorn C**

### 5.) Describe the outcomes of chemotherapy dosage reduction in newly diagnosed AML patients receiving 7+3 induction.

**Elkhorn C**

### 4.) Describe the impact of adjuvant endocrine therapy on hypertension and weight gain in breast cancer patients.

**Elkhorn C**

### 3.) Describe the impact of changing from intravenous to oral chemotherapy on patients and providers.

**Elkhorn C**

### 2.) Report the current compliance rate of obtaining a hepatitis B virus panel prior to initiation of rituximab therapy for patients with non-Hodgkin's lymphoma.

**Elkhorn C**

### 1.) Describe the potential consequences of busulfan exposures outside the suggested therapeutic range.

**Elkhorn C**

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### Program Objectives:

1. Describe the depth and breadth of the teaching experiences afforded to PGY-1 pharmacy practice residents.
2. Describe the impact of a pharmacist-managed inpatient anticoagulation monitoring service on efficacy and safety outcomes related to anticoagulation therapy.
3. Describe the impact of pharmacist-reviewed medication histories on the medication reconciliation process.
4. Describe opportunities in which a pharmacist can improve the quality of pain management in an acute care setting.
5. Discuss recommendations by the ADA for admitted patients.
6. Identify pre-workout supplement ingredients which are potentially unsafe and those which are potentially effective.

### Session 7C (12:15 TO 3:15) **Elkhorn C**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>&quot;Residency Program Directors' View on the Value of Teaching&quot;</td>
<td>Katie Trimbile (PGY1), Truman Medical Center - Kansas City, MO</td>
</tr>
<tr>
<td>12:45 to 1:15</td>
<td>&quot;Impact of a pharmacist-managed inpatient anticoagulation monitoring service in a VA healthcare system.&quot;</td>
<td>Emily Stensrud (PGY1), Iowa City VA Health Care System - Iowa City, IA</td>
</tr>
<tr>
<td>1:15 to 1:45</td>
<td>&quot;Pharmacist Identified Discrepancies In Nursing Performed Medication Histories Of Hospitalized Patients And Resultant Medication Reconciliation Interventions.&quot;</td>
<td>Adam Ricceri (PGY1), Immanuel Medical Center - Omaha, NE</td>
</tr>
<tr>
<td>1:45 to 2:15</td>
<td>&quot;Evaluation of a pharmacist-led multimodal approach to pain management in an inpatient community hospital&quot;</td>
<td>Brandon Thomas (PGY1), Shawnee Mission Medical Center - Shawnee Mission, KS</td>
</tr>
<tr>
<td>2:15 to 2:45</td>
<td>&quot;Hypoglycemia in inpatients admitted on home anti-diabetic regimen&quot;</td>
<td>Lindsey Nelson (PGY1), Saint Luke's Hospital of Kansas City - Kansas City, MO</td>
</tr>
<tr>
<td>2:45 to 3:15</td>
<td>&quot;Characterization of ingredients in pre-workout supplements and systematic evaluation of their safety and effectiveness.&quot;</td>
<td>Darren Hein (PGY2), Creighton University - Omaha, NE</td>
</tr>
</tbody>
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### Session 7D (12:15 TO 3:15) **Big Blue A**

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<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>&quot;Implementation of Bedside Prescription Delivery at an Academic Medical Center&quot;</td>
<td>Jerry James (PGY2), The University of Kansas Hospital - Kansas City, KS</td>
</tr>
<tr>
<td>12:45 to 1:15</td>
<td>&quot;Quality Improvement Of Current Injection Prescription Process&quot;</td>
<td>Deborah Dahlke (PGY1), VA Nebraska-Western Iowa, Grand Island Division - Grand Island, NE</td>
</tr>
<tr>
<td>1:15 to 1:45</td>
<td>&quot;Prescribing Patterns Of Benzodiazepines To Veterans With Post-Traumatic Stress Disorder In A Veterans Affairs Medical Center *&quot;</td>
<td>Andrea Baker (PGY1), VA Nebraska-Western Iowa, Grand Island Division - Grand Island, NE</td>
</tr>
<tr>
<td>1:45 to 2:15</td>
<td>&quot;Establishment of a Clinical Pharmacist in a Veteran's Affairs Mental Health Clinic*&quot;</td>
<td>Jessica Luethje (PGY1), VA Nebraska-Western Iowa, Grand Island Division - Grand Island, NE</td>
</tr>
<tr>
<td>2:15 to 2:45</td>
<td>&quot;Relationship Between Gout Patients' Activation, Self-Efficacy And Knowledge And Their Medication Adherence. *&quot;</td>
<td>Kayli Bendlin (PGY1), Veterans Affairs Nebraska Western Iowa Health Care System - Omaha, NE</td>
</tr>
<tr>
<td>2:45 to 3:15</td>
<td>&quot;Effect of High Dose Vitamin D Supplementation and Vitamin D Formulation in a Long Term Care Facility&quot;</td>
<td>Alissa Bearly (PGY1), Truman Medical Center Lakewood - Kansas City, MO</td>
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### Session 7E (12:15 TO 3:15) **Big Blue B**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>12:15 to 12:45</td>
<td>&quot;Evaluation Of Target Busulfan Dosing at an Academic Institution&quot;</td>
<td>Devon Greer (PGY2), The Nebraska Medical Center - Omaha, NE</td>
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<tr>
<td>12:45 to 1:15</td>
<td>&quot;Assessment Of Hepatitis B Testing For Non-Hodgkin's Lymphoma Patients Receiving Initial Rituximab Therapy&quot;</td>
<td>Ashley Huddleston (PGY2), The Nebraska Medical Center - Omaha, NE</td>
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<td>1:15 to 1:45</td>
<td>&quot;Assessment and Implementation of ASCO/CNS Standards for Safe Administration and Management of Oral Chemotherapy&quot;</td>
<td>Tina Melancon (PGY1), The University of Kansas Hospital - Kansas City, KS</td>
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<td>1:45 to 2:15</td>
<td>&quot;Assessment of Weight Gain and Hypertension in Early Stage Breast Cancer Patients&quot;</td>
<td>Jamie Lee (PGY2), The University of Kansas Hospital - Kansas City, KS</td>
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<tr>
<td>2:15 to 2:45</td>
<td>&quot;Evaluation Of Percent Dosing Of Actual Body Weight And Outcomes For Patients Receiving 7+3 Induction For Acute Myeloid Leukemia.&quot;</td>
<td>Whitney Bray (PGY2), The University of Kansas Hospital and Cancer Center - Westwood, KS</td>
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<td>2:45 to 3:15</td>
<td>&quot;Evaluation of low molecular heparin for the prevention of venous thromboembolism in thrombocytopenic bone marrow transplant patients&quot;</td>
<td>Beth Brenner (PGY2), University of Kansas Hospital - Westwood, KS</td>
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### Program Objectives:

1. Describe the potential consequences of busulfan exposures outside the suggested therapeutic range.
2. Report the current compliance rate of obtaining a hepatitis B virus panel prior to initiation of rituximab therapy for patients with non-Hodgkin's lymphoma.
3. Describe the impact of changing from intravenous to oral chemotherapy on patients and providers.
4. Describe the impact of adjuvant endocrine therapy on hypertension and weight gain in breast cancer patients.
5. Describe the outcomes of chemotherapy dosage reduction in newly diagnosed AML patients receiving 7-3 induction.
6. Identify pre-workout supplement ingredients which are potentially unsafe and those which are potentially effective.
FRIDAY, MAY 9, 2014

Session 7F (12:15 TO 3:15)  Big Blue C  Psych  ACPE #

12:15 to 12:45 “Mental Health Clinical Pharmacy Services (MHCPs) Pilot in an Urban Inpatient Facility”
Megan Moen (PGY1), Regions Hospital - Saint Paul, MN

12:45 to 1:15 “Implementation And Evaluation Of A Depression Screening Protocol In Heart Failure Patients”
Tonya Gross (PGY1), Mercy Medical Center-North Iowa - Mason City, IA

1:15 to 1:45 “Assessment of Antipsychotic Polypharmacy in the VA Central Iowa Health Care System: A Quality Improvement Project”
Katelin Campbell (PGY1), VA Central Iowa Health Care System - Des Moines, IA

1:45 to 2:15 “Trends in Prevalence and Screening of Vitamin B12 and Folate Deficiencies in Veterans with Cognitive Impairment”
Kari Angwin (PGY1), Iowa City VA Health Care System - Iowa City, IA

2:15 to 2:45 “The association between topiramate use and serum bicarbonate levels in a veteran population.”
Anna Sciegienka (PGY1), Iowa City VA Health Care System - Iowa City, IA

2:45 to 3:15 “Defining medication-related predictors for high risk of readmission in an inpatient psychiatric setting”
Andrew Zwack (PGY2), Avera McKennan Hospital - Sioux Falls, SD

Program Objectives:
1.) Describe the potential for impact of clinical pharmacy services.
2.) Identify relationship between depression and heart failure.
3.) Identify appropriate justifications for antipsychotic polypharmacy use.
4.) Describe the associations between vitamin B12 and folate deficiencies and cognition.
5.) Identify the proposed mechanism of action by which topiramate lowers serum bicarbonate.
6.) Describe potential medication-related risk factors for readmission of psychiatric inpatients.

Session 7G (12:15 TO 3:15)  Council Bluffs A  Community Practice  ACPE #

12:15 to 12:45 “Patient Satisfaction With A Community-Based Medication Synchronization Program”
Kendra Butler (PGY1), Price Chopper Pharmacy / University of Kansas - Overland Park, KS

12:45 to 1:15 “Physicians’ Preferences For Communication Regarding Pharmacist-Provided Medication Therapy Management In The Community Pharmacy Setting.”
Kendall Shackles (PGY1), Red Cross Pharmacy/UMKC School of Pharmacy - Excelsior Springs, MO

1:15 to 1:45 “Identification of Medication Discrepancies by Community Pharmacists during a Comprehensive Medication Review in Patients 1 Week Post Hospitalization”
Roxane Tock (PGY1), UMKC/Balls Food Stores - Gladstone, MN

1:45 to 2:15 “Cost-Analysis And Evaluation Of Patient And Provider Satisfaction Of Pharmacist-Delivered Travel Health Services In A Community Pharmacy.”
Megan Ford (PGY1), University of Iowa College of Pharmacy - Iowa City, IA

2:15 to 2:45 “Evaluating the effect of the Appointment Based Model on increasing Medication Therapy Management interventions and immunization rates in a community pharmacy”
Alex Martin (PGY1), The University of Iowa College of Pharmacy - Iowa City , IA

2:45 to 3:15 “Healthy People 2020: Impact of screening and immunization services on diabetes patients in the community pharmacy setting”
Janis Rood (PGY1), University of Iowa College of Pharmacy - Iowa City, IA

Program Objectives:
1.) Describe what has previously been done to improve medication adherence in a community pharmacy setting.
2.) Describe the five core elements of an MTM service model established by the American Pharmacists Association and the National Association of Chain Drug Stores Foundation.
3.) Identify types of medication-related problems that occur after discharge.
4.) Recognize the significance of pharmacist’s ability to bill for clinical services.
5.) Be able to describe the role that the appointment based model synchronization program plays in identification of MTM interventions.
6.) Recognize which vaccinations recommended by ACIP guidelines for diabetes patients aged 65 years and older are covered by Medicare Part B and Part D.

Session 7H (12:15 TO 3:15)  Council Bluffs B  Internal Medicine  ACPE #

12:15 to 12:45 “Standardization of Care in Pharmacist Management of QTc-Prolonging Drug Interaction Alerts and Risk Assessment of QTc Prolongation in Critical Care”
Robin Wingate (PGY1), Sanford USD Medical Center - Sioux Falls, SD

Lauren McCaulley (PGY1), Mercy Medical Center - Des Moines, IA

1:15 to 1:45 “Development And Implementation Of A Hyperglycemic Emergency Protocol In A Community Hospital Setting”
Marwa Ithman (PGY1), Salina Regional Health Center - Salina , KS

1:45 to 2:15 “Pharmacist-managed anemia in an inpatient setting and the use of erythropoietin-stimulating agents”
Ashley Ausmus (PGY1), Truman Medical Center - Hospital Hill - Kansas City, MO

2:15 to 2:45 “Evaluation of positive fungal cultures drawn from sterile sites”
Christopher Brabec (PGY1), Iowa Methodist Medical Center - Des Moines, IA

2:45 to 3:15 “Evaluating the use of nitroglycerin ointment as a treatment for acute hypertension”
Kathryn Brower (PGY1), Iowa Methodist Medical Center - Des Moines, IA

Program Objectives:
1.) Explain the feasibility and utility of standardizing a process for assessing QTc prolongation risk.
2.) Identify the key components of medication history best practices and describe how they can impact a health system.
3.) Describe the impact of the effects of a newly developed comprehensive DKA and HHS protocol set.
4.) Describe why regulation of erythropoietin-stimulating agent use is needed.
5.) Discuss the negative impact of invasive fungal infections on individual patients and the healthcare system.
6.) Report the results of nitroglycerin ointment as a treatment choice for acute hypertension in the hospital setting.