

## St. Louis College of Pharmacy at UHSP & Mercy Hospital – St. Louis PGY1 Pharmacy Resident Research

### 2019 – 2020

- **Impact of a Pharmacist-Implemented Protocol on Appropriate Calcium Monitoring and Safety Outcomes with Denosumab Use in Ambulatory Care**  
Rachel Kiehne, Pharm.D.<sup>1,2</sup>, Erica Crannage, Pharm.D., BCACP<sup>1,2</sup> 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy
- **Effect of Sepsis Alert on Empiric Antibiotics**  
Alex Stumphauzer, Pharm.D.<sup>1,2</sup>, Alex Bryant, Pharm.D.<sup>1</sup> 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy
- **Effect of SBS and CAPD scores on sedation and delirium in the PICU**  
Sarah Mooney, Pharm.D.<sup>1,2</sup>, Kayla Vecera, Pharm.D.<sup>1</sup> 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy
- **Evaluation of hypoglycemic events and complications associated with treatment of diabetic ketoacidosis and hyperosmolar hyperglycemic syndrome for patients with impaired renal function**  
Shannon Jones, Pharm.D.<sup>1,2</sup>, Andrew J. Crannage, Pharm.D., BCPS<sup>1,2</sup> 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy

### 2018 – 2019

- **Validated drug resistance in pneumonia (DRIP) scoring system for risk of drug resistant pathogens in sepsis**  
Lindsay K. Harris, Pharm.D.<sup>1,2</sup>; Matthew J. Korobey, Pharm.D., BCCCP<sup>1</sup> 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy
- **Evaluation of COPD metric for internal medicine clinic patients**  
Emily Henningsen, Pharm.D.<sup>1,2</sup>; Laura Challen, Pharm.D., MBA, BCPS, BCACP<sup>1,2</sup>; Theresa Prosser, Pharm.D., FCCP, BCPS, AE-C<sup>1,2</sup>. 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis JFK Clinic
- **Evaluating discharge diuretic regimens and all-cause thirty-day readmission rates in heart failure exacerbation**  
Lauren E. Jacobsmeyer, Pharm.D.<sup>1,2</sup>; Catherine A. Saint, Pharm.D.<sup>2</sup>; Carmen B. Smith, Pharm.D.<sup>1</sup>. 1. St. Louis College of Pharmacy. 2. Mercy Hospital St. Louis
- **Evaluating a Pharmacist-Driven Protocol for the Treatment of Opioid-Induced Constipation**  
Alexander Tryson, Pharm.D.<sup>1,2</sup>; Erin Hennessey, Pharm.D., BCPS<sup>1,2</sup>; Andrew Crannage, Pharm.D., FCCP, BCPS<sup>1,2</sup>. 1. St. Louis College of Pharmacy, 2. Mercy Hospital St. Louis

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### 2017 – 2018

- **Evaluation of the Impact of an Inpatient Hyperglycemia Protocol on Glycemic Control**  
Haley N. Ilcewicz, Pharm.D.<sup>1,2</sup>; Erin K. Hennessey, Pharm.D., BCPS<sup>1,2</sup>; Carmen B. Smith, Pharm.D., BCPS<sup>1,2</sup> 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy
- **Evaluation of full-dose anticoagulation in chronic liver disease**  
Shelby E. Meyers, Pharm.D.<sup>1,2</sup>; Carmen B. Smith, Pharm.D., BCPS<sup>1,2</sup>; 1. Mercy Hospital St. Louis; 2. St. Louis College of Pharmacy
- **Evaluation of Vasopressor Discontinuation**  
Jennifer Voong, Pharm.D.<sup>1,2</sup>; Matthew J. Korobey, Pharm.D., BCCCP<sup>2</sup> 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis
- **Evaluation of choice of second therapy phase anti-epileptic drug and resolution of status epilepticus**  
Yasmine Zeid, Pharm.D.<sup>1,2</sup>; Erin K. Hennessey, Pharm.D., BCPS<sup>1,2</sup>; Matthew J. Korobey, Pharm.D., BCCCP<sup>2</sup>. 1. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis

### 2016 – 2017

- **Evaluating the Impact of Pharmacist Intervention in Osteoporosis Management**  
Brandi L. Bowers, Pharm.D.<sup>1,2</sup>; Shefali Barot, Pharm.D. Candidate<sup>1</sup>; Amy M. Drew, Pharm.D., BCPS<sup>1,3</sup>; <sup>1</sup>St. Louis College of Pharmacy; <sup>2</sup>Mercy Hospital St. Louis; <sup>3</sup> Mercy Clinic Family Medicine]
- **A Single-Institution Comparison of 4-Factor Prothrombin Complex Concentrate versus Fresh Frozen Plasma**  
Teri McElheny, Pharm.D.<sup>1,2</sup>, Matthew J. Korobey, Pharm.D., BCCCP<sup>2</sup>, Carmen B. Smith, Pharm.D., BCPS<sup>1,2</sup>. <sup>1</sup>St. Louis College of Pharmacy, <sup>2</sup>Mercy Hospital
- **Evaluation of Appropriate Sodium Polystyrene Sulfonate Use with a Hyperkalemia Order Set: A Pilot Study**  
Zachary T. Mueller, Pharm.D.<sup>1,2</sup>, Andrew J. Crannage, Pharm.D., BCPS<sup>1,2</sup>. <sup>1</sup>St. Louis College of Pharmacy, <sup>2</sup>Mercy Hospital St. Louis
- **The Impact of an Interdisciplinary Pharmacist-Driven Weight Loss Service: A Pilot Study**  
Sara E. Twillmann, Pharm.D.<sup>1,2</sup>; Jamie M. Pitlick, Pharm.D., BCPS<sup>1,2</sup>. <sup>1</sup>St. Louis College of Pharmacy; <sup>2</sup>Mercy Hospital St. Louis

## St. Louis College of Pharmacy & Mercy Hospital – St. Louis PGY1 Pharmacy Resident Research

### 2015 – 2016

- **Prospective Randomized Controlled Trial to Evaluate the Effect of a Rivaroxaban Patient Assistance Kit (R-PAK) for Patients Discharged with Rivaroxaban for Treatment of Venous Thromboembolism**  
Michelle R. Castelli, Pharm.D.1,2, Catherine A. Dinkins, Pharm.D.1,2; Andrew J. Crannage, Pharm.D., BCPS1,2; Zachary A. Stacy, Pharm.D., BCPS1,2; Jamie M. Pitlick, Pharm.D., BCPS1,2  
1. St. Louis College of Pharmacy 2. Mercy Hospital St. Louis, Missouri
- **Impact of pharmacy driven insulin titration protocol in type 2 diabetes mellitus in an underserved population**  
Margaret Ladlie, Pharm.D.1,2, Jamie Pitlick, Pharm.D.1,2 1. St. Louis College of Pharmacy 2. Mercy Hospital St. Louis
- **A comparison of hospital length of stay in patients treated with direct oral anticoagulants or warfarin for venous thromboembolism**  
Catherine A. Saint, Pharm.D.1,2; Michelle R. Castelli, Pharm.D.1,2; Andrew J. Crannage, Pharm.D.1,2; Erin K. Hennessey, Pharm.D.1,2; Zachary A. Stacy, Pharm.D.1,2. 1. Mercy Hospital St. Louis 2. St. Louis College of Pharmacy
- **Evaluating Metformin Based Dual Therapy of Individuals with Type 2 Diabetes Mellitus in a Primary Care Clinic**  
Kimberly L. Zitko, Pharm.D.1,2; Amy M. Drew, Pharm.D., BCPS1,2; Carmen B. Smith, Pharm.D., CPS1,2. St. Louis College of Pharmacy; 2. Mercy Hospital St. Louis

### 2014 – 2015

- **Identifying factors impacting recurrent Clostridium difficile infection and development of risk evaluation tool**  
Bethanne P. Carpenter, Pharm.D.1,2; Erin K. Hennessey, Pharm.D., BCPS1,2; Alex M. Bryant, Pharm.D.2; Jad A. Khoury, M.D.2; Andrew J. Crannage, Pharm.D., BCPS1,2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis
- **Retrospective medication use evaluation of high-risk medications in the elderly**  
Alexis Gaggini, Pharm.D.1,2; Carmen Smith, Pharm.D., BCPS1,2; Amy Drew, Pharm.D., BCPS1,2  
1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis
- **Prospective randomized controlled trial to evaluate the effect of a rivaroxaban patient assistance kit (R-PAK) for patients discharged with rivaroxaban for treatment of VTE: preliminary findings**  
Brandon T. Nuziale, Pharm.D.1,2; Jamie M. Pitlick, Pharm.D., BCPS1,2; Zachary A. Stacy, Pharm.D., BCPS1,2; Andrew J. Crannage, Pharm.D., BCPS1,2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis
- **The association of vasopressin during in-hospital cardiopulmonary resuscitation**  
Melissa S. Quinn, Pharm.D.1,2, Matthew J. Korobey, Pharm.D., BCPS2, Zachary A. Stacy, Pharm.D., MS, FCCP, BCPS1,2 Carmen B. Smith, Pharm.D., BCPS1,2 1St. Louis College of Pharmacy; 2Mercy Hospital St. Louis

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PGY1 Pharmacy Resident Research**

**2013 – 2014**

- **Evaluation of a Pharmacy-Driven Heparin-Induced Thrombocytopenia Protocol**  
Stuart A. Greaser, Pharm.D.<sup>1,2</sup>; Matthew J. Korobey, Pharm.D., BCPS<sup>1,2</sup>; Carmen B. Smith, Pharm.D., BCPS<sup>1,2</sup> St. Louis College of Pharmacy<sup>1</sup>; Mercy Hospital St. Louis<sup>2</sup>
- **Evaluation of secondary prophylaxis with oral vancomycin on the incidence of recurrent *C. difficile* infections in high risk patients**  
Nicholas W. Van Hise, Pharm.D.<sup>1,2</sup>, Alex M. Bryant, Pharm.D.<sup>2</sup>, Andrew J. Crannage, Pharm.D., BCPS<sup>1,2</sup>, Erin K. Hennessey, Pharm.D., BCPS<sup>1,2</sup>, Jad A. Khoury, M.D.<sup>2</sup> St. Louis College of Pharmacy; <sup>2</sup>Mercy Hospital St. Louis
- **Evaluation of a Pharmacist-Provided Discharge Counseling Service on Hospital Readmission Rates in the Mercy Hospital St. Louis Ambulatory Care Clinics**  
Megan L. Ziegler, Pharm.D.<sup>1,2</sup>; Amy M. Drew, Pharm.D., BCPS<sup>1,2</sup>; Jamie M. Pitlick, Pharm.D., BCPS<sup>1,2</sup>; Margaret Edwards, D.O.<sup>2</sup> St. Louis College of Pharmacy; <sup>2</sup>Mercy Hospital St. Louis