

Prisma Health Midlands
2022 Pharmacy Residency Research Showcases (Home Studies)

Target Audience: Pharmacists

Activity Type: Application

UANs: **Part 1:** 0062-9999-22-139-H01-P
Part 2: 0062-9999-22-140-H01-P

Credit Dates: Release Date: June 4, 2022 – Expiration Date: June 4, 2025

Registration: Please register online at <https://cop.sc.learningexpressce.com>

	Hours*	Pharmacists**
All programming	2.75	\$27
Part 1 or Part 2	1.25 or 1.50	\$15

Fees will appear as "Learning Express" on your credit card statement

Technology Requirements

Please ensure the computer system you plan to use meets the following minimum requirements:

- Operating System: Windows, Mac OS and Linux
- Internet Browser: Internet Explorer 7.0 or higher; Mozilla Firefox 3.0 or higher; Google Chrome
- Computer Speakers or headphones connected to your computer
- Broadband Internet Connection: Cable, High-speed DSL or T1
- Monitor Screen Resolution: 320x480 or higher
- Media Viewing Requirements: Adobe Reader, Microsoft Power Point and HTML

Requirements for CPE Credit

In order to have CPE Credit transmitted to the NABP CPE Monitor, participants must:

- Read the learning objectives and faculty disclosures.
- View the video presentation and complete the interactivity quiz.
- Complete the electronic evaluation.

Accreditation

The University of South Carolina College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.



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Part 1:

Implementation and analysis of a professional continuous glucose monitor educational program for medical residents at a Family Medicine Clinic

Lawrence (LJ) Bean, PharmD; PGY1 Outpatient Pharmacy Resident

1. Identify educational techniques to improve continuous glucose monitor (CGM) comprehension for medical residents

Utilization of Unfractionated Heparin IV Continuous Infusions at Multiple Inpatient Facilities

Logan Boone, PharmD; PGY1 Inpatient Pharmacy Resident

1. Identify appropriate unfractionated heparin continuous infusion dosing for common indications

Integration of pharmacy interns in the ambulatory care setting of a large health-system

Abigail Bouknight, PharmD; PGY2 HSPAL Pharmacy Resident

1. Describe the current development and future goals of an ambulatory care pharmacy internship program in a large health-system

Evaluation of the Legionella Urinary Antigen on Azithromycin Discontinuation

Taylor Gregory, PharmD; PGY2 Critical Care Pharmacy Resident

1. Discuss the clinical utility of diagnostic tools used in community acquired pneumonia, specifically the Legionella Urinary Antigen

Projected Cost-Effectiveness of Vancomycin Alternatives for Methicillin-Resistant Staphylococcus aureus Bloodstream Infections

Emma Haught, PharmD; PGY1 Pharmacy Practice Resident

1. Compare projected costs of an institutional algorithm that includes vancomycin alternatives to a historical strategy of initial vancomycin therapy for treatment of methicillin-resistant Staphylococcus aureus (MRSA) bloodstream infections (BSI)

Efficacy of oral and intravenous magnesium replacement in hospitalized heart failure patients undergoing intravenous diuresis with loop diuretics

Cassidy Kemp, PharmD; PGY1 HSPAL Pharmacy Resident

1. Identify an appropriate route and dose for magnesium replacement in heart failure patients concurrently receiving intravenous (IV) loop diuretics

Impact of propranolol therapy timing on outcomes in critically ill patients with traumatic brain injury

Rachel LeClair, PharmD; PGY2 Critical Care Pharmacy Resident

1. Describe the rationale for propranolol use in traumatic brain injury

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Part 2:

Epidemiology and Treatment of Invasive Bartonella spp. Infections

Morgan Pizzuti, PharmD; PGY2 Infectious Diseases Pharmacy Resident

1. Describe the epidemiology and treatment outcomes of Bartonella spp. disseminated disease

Evaluation of risk factors for valproic acid level discordance among hospitalized patients

Gadison Quick, PharmD; PGY2 Internal Medicine Pharmacy Resident

1. Enhance the description of valproic acid therapeutic drug monitoring by validating risk factors leading to discordant levels

Clinical outcomes following the implementation of protocol-driven management for late onset sepsis (LOS) in a neonatal intensive care unit (NICU)

Ben Tabor, PharmD; PGY1 Inpatient Pharmacy Resident

1. Recommend appropriate empiric antimicrobials for a NICU patient presenting with late onset sepsis

An Examination of Purge Reliability in Impella Devices with Multiple Heparin Concentrations

Taylor Teshon, PharmD; PGY2 Cardiology Pharmacy Resident

1. Determine which concentration of heparin has the highest purge reliability when used in the Impella purge solution

Benchmarking the Utilization of New β -lactams Antibiotics Using Novel Metric of Microbiological Burden

Y. Vivian Tsai, PharmD; PGY2 Infectious Diseases Pharmacy Resident

1. Evaluate the prevalence of Gram-negative bacilli (GNB) with difficult-to-treat resistance (DTR)
2. Determine the use of new β -lactams by antibiotic use (AU) and adjusted antibiotic use (a-AU) metrics

Incidence and Predictors of Complications in Gram-Negative Bloodstream Infection

Erin Warren, PharmD; PGY1 Inpatient Pharmacy Resident

1. Define complication as it relates to Gram-negative bloodstream infection (BSI) and the clinical impact of these complications

Evaluation of a pharmacist-driven opioid stewardship program at a family medicine clinic

Aly York, PharmD; PGY1 Pharmacy Resident

1. Describe the benefit of the opioid stewardship program on overall patient opioid use and prescribing practices by physicians in a family medicine teaching center