Oral Defense Announcement
University of Missouri – St. Louis Graduate School

An oral examination in defense of the dissertation for the degree
Doctor of Nurse Practitioner in Nursing with an emphasis in Family Nurse Practitioner

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B.S. in Biological Sciences, May, 2013, Missouri University of Science and Technology
B.S. in Nursing, August, 2014, Goldfarb School of Nursing

Improving Maternal Outcomes through Labetalol Algorithm Utilization for Hypertensive Disorders of Pregnancy

Date: July 10, 2019
Time: 4:20 pm
Place: Nursing Administration Building Room 106

Abstract
Hypertensive disorders of pregnancy can have negative effects on both mothers and neonates and are a major contributor to the increasing morbidity and mortality affecting women pregnant women in the United States. Treatment algorithms are available for treatment of hypertensive disorders of pregnancy when treatment criteria are met. With proper use of these algorithms, healthcare personnel can decrease the mortality and morbidity rates, which will increase patient safety and decrease healthcare spending. This research project focused on implementing The American College of Obstetricians and Gynecologists' (ACOG) Labetalol treatment algorithm to treat patients diagnosed with severe preeclampsia. Prior to implementation, data was collected from November 1, 2018 through January 31, 2019 and compared to data that was collected after implementation, March 1, 2019 through May 31, 2019. Although compliance with algorithm utilization decreased post implementation, the data proves that with proper use, the Labetalol algorithm improves maternal blood pressures and maternal outcomes.

Defense of Dissertation Committee
Alicia Hutchings, Ph.D., RN - Chairperson
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