

# 5TH ANNUAL NURSING RESEARCH SYMPOSIUM

Wednesday, April 6, 2022 | 1 - 3 p.m. | Nursing Room 134

## Mis-Triage in the Emergency Department

Mary Gonzalez

Accurate triaging in the Emergency Department is crucial for identifying and prioritizing those with urgent needs. Critical thinking and problem-solving skills are essential to identify and provide proper care according to severity. Successful training strategies are needed to improve triage skills and patient outcomes in the emergency room.

## Post-Acute Myocardial Infarction (AMI) Readmission Rates Within 30 Days

Kayla Kralik-Steele

Every 40 seconds, someone in the United States has a heart attack. One in six will be readmitted within 30 days of their initial discharge date. This study examines the factors affecting readmission rates and how to improve patient outcomes within the first 30 days after discharge.

## Standardized Breastfeeding Education in Nursing Curriculum as a Risk-Reduction Method for Postpartum Depression

Sara Darling

Breastfeeding decreases the risk for postpartum depression and reduces accompanying symptoms. Implementing standardized breastfeeding education in nursing curriculum may prepare nurses to support and guide mothers through a successful breastfeeding journey, resulting in a decreased risk for postpartum depression and a reduction of accompanying symptoms.

## The Argument for MS-QMA for Chromosome Imprinting Disorders in Newborn Screening

Laura Lim

Chromosomal imprinting disorders, such as Prader-Willi Syndrome, Angelman Syndrome, Silver-Russell Syndrome, and Beckwith-Weidemann Syndrome, require early intervention to increase success and progression of growth and cognitive development. Research purpose: Examine current protocols and recommendations for first-tier newborn screening and the need for screening to include chromosomal imprinting disorders.

## Postpartum Depression and the Effects on Children Aged Newborn to Three

Kaylee Carroll-Bransky

Postpartum depression is a devastating psychological disorder that can affect both the mother and child. This study investigates the effects of treatment for postpartum depression as they relate to child developmental outcomes from newborn to three-years-old.

## Membrane Stripping as a Means of Labor Induction

Justine Zambrano

Labor induction is performed with the aim of inducing labor before a spontaneous onset. Membrane stripping involves sweeping a gloved finger between the thin membranes of the amniotic sac. This review will analyze and compare membrane stripping to other induction methods and determine whether it decreases postdate inductions.

## The Effect of Early Detection and Diagnosis of Attention Deficit Hyperactivity Disorder

Hannah Snyder

Attention Deficit Hyperactivity Disorder (ADHD) is a neurodevelopmental disorder typically presenting at an early age with an array of symptoms that may begin in infancy. This study will examine the efficiency of screening tools and the consequences of a delayed diagnosis.

## The Impact of Experience on Needlestick Injury in Nurses

Julia C. Dodd

Needlestick injuries (NSI) are acknowledged as a preventable, global, life-threatening issue. The prevalence of NSI is highest in emergency department nurses. Current recognition places fault of this incident on the devices, but human experience may also be involved. Improved recognition is necessary.

## Eat, Sleep, Console in Neonatal Abstinence Syndrome

Kaitlyn Chambers

“Eat, Sleep, Console” (ESC) is a nonpharmacological evidence-based method of care that helps parents care for their infants that are suffering from Neonatal Abstinence Syndrome (NAS). The purpose of this is to develop a recommendation for implementing ESC in Neonatal Intensive Care Units (NICUs).

## Barriers to Health Literacy in the Elderly

Alexis Sachs

The elderly are at an increased risk for low health literacy due to an array of factors. Low health literacy leads to increased mortality along with lower quality of life. The reviewed interventions can be implemented by health care professionals to address factors and improve health literacy of this population.

## Can Breastfeeding Prevent Borderline Personality Disorder?

Chana Felix

Borderline Personality Disorder (BPD) is believed to develop due to early life vulnerabilities and childhood traumas. A person with BPD may go to extremes to prevent perceived abandonment. Breastfeeding influences attachment through mother-infant bonding. This proposal looks at how the benefits of breastfeeding may help prevent the development of BPD.

## Cold Hands, Warm Hearts: Raynaud's Phenomenon in Nurses

Blair C. Wenrich

Raynaud's phenomenon is a painful vessel spasm of the extremities that causes numbness and limited function. These spasms are triggered by cold environments, increased stress, and meticulous hand movements. All of these triggers occur frequently while performing nursing care. This study will explore the phenomenon of Raynaud's Syndrome in nurses.

## Distraction Related Medication Errors and Cell Phone Use

Caroline Uenking

Medication errors are a consistent problem contributing to 250,000 medical errors in the United States each year. Current studies have concluded that distractions or interruptions increase the risk of medication errors among nurses. This study will examine the contribution of cell phone use to these medication errors.

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