October 2021

1) Cost Benefit Analysis of a Pediatric Patient Blood Management Program
   • Karen Gibbs, MSN, MPH, RN, PHNA-BC, CPN is Principle Investigator
   • The objective is to investigate the effect of pediatric patient blood management program on transfusion utilization and the incidence of transfusion-related adverse events and to compare costs to benefits of the program.
   • The specific aims include:
     o To investigate the effect of a patient blood management program on transfusion utilization and the incidence of transfusion-related adverse events.
     o To compare the costs related to supporting a health-system level patient blood management program to the costs of transfusion utilization.

2) Pediatric Nurses’ Experiences in Caring in the Time of COVID: A qualitative study
   • Karen Gibbs, MSN, MPH, RN, PHNA-BC, CPN is Principle Investigator
   • The purpose of this descriptive qualitative study is to explore the experiences of pediatric nurses caring for patients who have tested positive for the novel coronavirus, COVID-19. The objective of the study is to answer the following research questions:
     o What are pediatric nurses’ experiences caring for positive COVID-19 patients?
     o How have pediatric nurses changed their practice to adapt to the COVID-19 pandemic?

December, 2021

3) Exploring nurses’ perception of direct supervisor support during a public health crisis: A qualitative and descriptive study
   • Karla Abela, PhD, RN, CCRN-K, CPN is Principal Investigator
   • The purpose of this study is to describe what registered nurses perceive as support during public health crises. The research question is:
     o What do registered nurses perceive as support during public health crises?
   • The specific aim is: To identify registered nurses’ perceptions of supportive behavior during public health crises.

February, 2021

4) Development and initial psychometric evaluation of the Tracheostomy Self-Efficacy Scale
   • Darlene E. Acorda, PHD, RN, CNE, CPNP is Principal Investigator
• The purpose of this study is to develop and psychometrically evaluate a new instrument titled Tracheostomy Self-Efficacy Scale (TSES).
• This study has 3 aims:
  o To assess the content and construct validity of the TSES.
  o To assess the internal consistency (reliability) of the TSES in caregivers of children with tracheostomies.
  o To explore associations between self-efficacy scores as measured by the TSES, caregiver burden as measured by the Pediatric Tracheotomy Health Status Instrument, and caregiver demographics.

March, 2021

5) Acceptability and feasibility of ecological momentary assessment as a method to measure workplace violence against healthcare workers
• Karla Abela, PhD, RN, CCRN-K, CPN is Principal Investigator
• The purpose of this study is to assess the feasibility of ecological momentary assessment (EMA) in a high-acuity healthcare setting. The objectives of the study are to:
  o Assess the feasibility and acceptability of EMA in clinicians within a pediatric hospital setting
  o We hypothesize that EMA will be a feasible method for collecting real-time WPV data and for evaluating interventions such as the WPV response team.
  o Examine the factors associated with WPV within a pediatric hospital setting
  o We hypothesize that certain factors (e.g. setting, shift, nursing experience) will be significantly correlated with incidents of WPV.
  o Evaluate the utility of EMA as a method to provide a real-time response and follow-up to victims of WPV.