

Protocols reviewed in FY 2021 by Evidence-Based Practice and Research Council

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:
 - To investigate the effect of a patient blood management program on transfusion utilization and the incidence of transfusion-related adverse events.
 - 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:
 - What are pediatric nurses' experiences caring for positive COVID-19 patients?
 - 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:
 - 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:
 - To assess the content and construct validity of the TSES.
 - To assess the internal consistency (reliability) of the TSES in caregivers of children with tracheostomies.
 - 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:
 - Assess the feasibility and acceptability of EMA in clinicians within a pediatric hospital setting
 - 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.
 - Examine the factors associated with WPV within a pediatric hospital setting
 - We hypothesize that certain factors (e.g. setting, shift, nursing experience) will be significantly correlated with incidents of WPV.
 - Evaluate the utility of EMA as a method to provide a real-time response and follow-up to victims of WPV.