#### Parkview Health

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1-2023

# Active Nursing Research Studies as of 1-2023 (Study summaries)

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#### **2022 Active Studies**

#### Validation of an evidence-based, nurse-designed fall risk assessment tool: Study 2

PI: Lindy Bilimek MSN, RN, AGCNS-BC

The ADAPT Fall Risk Assessment Tool was designed with the goal of decreasing instances of avoidable falls by providing nursing with the tools necessary to determine each patient's risk of falling and to readily act upon these risk factors. The inter-rater reliability (IRR) of the ADAPT Fall Risk Assessment Tool will be evaluated in a real-world nursing setting.

#### Validation of an evidence-based, nurse-designed fall risk assessment tool

PI: Lindy Bilimek MSN, RN, AGCNS-BC

The ADAPT fall risk assessment tool was developed by Parkview nurses during Phase 1 of our Inpatient Falls Innovation Project. This project aims to decrease instances of avoidable falls by providing nursing with the tools necessary to determine each patient's risk of falling and to readily act upon these risk factors. This study, Phase 2, will allow the research team to assess the validity, reliability, usability, and clarity of the ADAPT fall risk assessment tool.

## **Nursing and Support Staff Perceptions of Inpatient MyChart Utilization**

PI: Danielle Payne BSBio, MSN, RN, FNP-BC

The primary objective of this study is to assess MyChart use barriers identified by the nursing and patient care tech (PCT) workforce at Parkview using a workforce survey. The secondary aim is to identify facilitators that may increase patient MyChart utilization initiated by the nursing workforce. These objectives may inform strategies for increasing Patient MyChart use and future patient outcomes research as it relates to MyChart utilization.

## Influence of Music Therapy on Length of Stay in Surgical Patients

PI: Danielle Payne BSBio, MSN, RN, FNP-BC

To assess the efficacy and feasibility of MT sessions on pre-elective surgical patient state anxiety and post-elective surgical patient pain and its impact on time to discharge in the outpatient setting.

#### Effect of Warming IV Fluids During MICU Transport on Patient Comfort and Temperature

PI: Jennifer Esslinger BSN, RN, CFRN, CTRN

This study is to determine if during the transport of critically ill patients receiving intravenous fluids (IVF), the use of an IVF warmer may increase comfort, reduce pain, and prevent hypothermia.

## **Evaluation of a COVID Mobility Team**

PI: Kelly Girardot Kellie Girardot MSN, RN, AGCNS-BC

Based on current best practices, COVID mobility teams with deployed therapists and other coworkers were used. These teams focused on providing progressive upright mobility to the COVID positive and rule out patients in order to prevent respiratory compromise and improve patient outcomes. This was a chart review study of patients that were seen by the COVID Mobility Team compared to patients without mobility sessions.

## Data-based Program Management of System-Wide IV Smart Pump Integration

PI: Rebecca Mahuren BSN, RN

The purpose of this study is to use details provided by the IV smart pump compliance reports to evaluate the safety, effectiveness, and usability of our current IV smart pump integration program.

#### Assessment of Nurse Perceptions Related to Shared Governance Culture

PI: Erin LaCross DNP, RN, NEA-BC, CENP

The purpose of this study is to assess the current state of our shared governance councils at Parkview Health. After the initial assessment, changes will be implemented to the shared governance process and the surveys completed post-implementation in six months to one year. The main impact is to determine current state and then reassess after one year to determine any improvements in nurses' perceptions.

## **Exploration of Intrinsic and Extrinsic Factors of Skin Injury in Intensive Care Units**

PI: Andrea Conley MSN, RN, AGCNS-BC, CMSRN; Brooke Randol MSN, RN, AGCNS-BC, CMSRN, CWS

This study explores intrinsic and extrinsic factors of patients who developed skin injuries in the ICU. It is a retrospective chart review to assess common factors found in patients who develop hospital-acquired pressure injuries (HAPI) while admitted in the ICU. The intent of this study is to contribute to the body of knowledge concerning unavoidable skin manifestations to discern them from avoidable pressure injuries in the acute care setting.