

Oral Defense Announcement

University of Missouri – St. Louis Graduate School

An oral examination in defense of the dissertation for the degree
Doctor of Nursing Practice in Pediatric Nurse Practitioner

Kelcie Marler

DNP in Nursing, August, 2021, University of Missouri- St. Louis
B.S Nursing, May, 2014, Southern Illinois University of Edwardsville

Implementing a Depression Screening in a Pediatric Acute Care Setting for Adolescents with Type 1 Diabetes

Date: July 8, 2021
Time: 2:30 pm to 3:05 pm
Place: Remote

Abstract

Depression among adolescents with Diabetes Mellitus type 1 (DM 1) occurs three times more in adolescents than in their peers without DKA. Diagnosis of depression has been found to negatively affect the quality-of-care management, quality of life, and results in increases in hospital admissions with hypoglycemia/hyperglycemia events. A depression screening, the patient health questionnaire 9 (PHQ-9), a validated screening tool for use among adolescents was implemented in this quality improvement (QI) project. It was the first cycle of a plan-do-study-act (PDSA) cycle for in a pediatric ICU. Adolescents between the ages of 12 – 18, were English speaking and had been downgraded to a general status accommodation were the sample who meet inclusion criteria of for this project. The projects question was: What the is the impact of implementation of the PHQ-9 on identification of depression in this population and if needed, on referral to behavioral health? Data collected from seven adolescents found that depression was identified in this population (n=4 or 57%) and one of these four patients showed suicidal tendencies. The majority of those positive for depression were found to be white and female. Limitations of the project included a small sample size and a short time of implementation. Future PDSA cycles should include establishing policies and procedures for those found to be suicidal for placement within a facility, as well as facilitating observational needs of the patient while in the hospital. Depression screening of this population should continue as it had a positive impact of detecting depression among these adolescents.

Defense of Dissertation Committee

Dr. Cathy Koetting, DNP, APRN, CPNP, PMHS, FNP-C - Chairperson
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