Oral Defense Announcement
University of Missouri – St. Louis Graduate School

An oral examination in defense of the dissertation for the degree
Doctorate in Nursing Practice with an emphasis on Leadership in Population Health and Healthcare Systems

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Bachelor of Nursing Science from 2014, University of Missouri-St. Louis

Management and Support of Uninsured Patients with Diabetes Type II within a Nurse Managed Clinic

Date: July 11, 2019
Time: 1:40 p.m
Place: College of Nursing Building, Room 106

Abstract
The purpose of the project was to improve the quality of care for patients residing in a Midwestern community who are uninsured and have been diagnosed with Type II Diabetes. A nurse-managed clinic, located in a mid-western city in Missouri, continues to lessen the burden of being uninsured. Efficiently using this clinic’s health care team required a quality improvement project which led to the implementation of nurse-led care coordination for patients diagnosed with Type II Diabetes. After completing a literature review, the evidence suggested that a nurse-managed care coordination plan could improve the organization and the quality of the care administered to Type II diabetic patients.

Design: This quality improvement project was implemented using the Plan Do Study Act cycle at a nurse-managed clinic in the city.

Sample: The clinic served 920 uninsured clients. Approximately 21% of those clients had been diagnosed with Type II Diabetes. A convenience sample of 24 patients participated in the care coordination plan. The sample included only adults over the age of 18 and those who presented to the clinic with a new or existing diagnosis of Type II Diabetes, which was indicated by a Hemoglobin A1C equal to or greater than 6.5 mg/dl.

Data Collection: Data was collected via a retrospective medical record review from June 2018-May 2019. Demographic data that was collected included zip code, age, race, and gender. Data collected and measured included primary care provider appointment, current HbgA1C, second year check HbgA1C, cholesterol check, completed podiatry appointment, completed dental appointment, vaccinations, referral to the diabetic support group, and the acuity of barriers to care. All data was collected via chart reviews and patients were supported and managed by the primary investigator to complete the action plan. Data was collected on the acuity of barriers that were experienced. The patient was protected by placing confidential data into numerical value that would correspond with patient charts. The data collection was stored on a password protected computer housed within the clinic. Data was analyzed with Minitab Statistical Analysis program and a paired t-test and one way ANOVA were performed to show the relationship between care coordination, primary care visits, HgbA1C values, barriers, gender, and zip code. Descriptive analysis was completed to describe the population.

Defense of Dissertation Committee
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