

Leveraging Social Determinants of Health Screening to Improve Health Disparities in Primary Care Settings

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Introduction

Social determinants of health (SDOH) are the conditions in the environments where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks (WHO, 2017).

- People of color disproportionately suffer from economic disadvantage and worse health outcomes that are preventable (RWJF, 2014).
- According to Andermann (2018), 80% of patients' social needs were not met by providers.

“Did you know...that 80% of what makes up someone's health is determined by what happens outside of the hospital and health clinic? Of the 80%, the largest segment is made up of the “Social Determinants of Health” or “Socioeconomic Factors”.

Socioeconomic Factors



50% can be traced back to your zip code!

Physical Environment



Health Behavior



Diet & Exercise

Alcohol Use

Tobacco Use

Sexual Activity

Health Care



Access to Care Quality of Care

Only 20% include those moments in a healthcare environment

Problem Statement and Study Objectives

- Because clinicians feel helpless in assisting patients with social challenges, many refrain from asking about social issues and focus instead on medical treatment and lifestyle counseling.
- The clinic did not have a standard for evaluating SDOH prior to the implementation of this quality improvement project. Providers were solely accountable for referring patients to community services.
- A key goal of the DNP project was to use SDOH data to aid in the formulation of holistic patient care and referrals to appropriate community resources.

Short Term Goals:

- Screen 100% of patients for SDOH during in-office clinic visits
- Compile a list of resources available in the community for referrals

Long-term Goals:

- 100% of patients at the practice will receive appropriate referrals for social needs.

Methods

Pre-intervention:

- Patient self-reporting of SDOH concerns

Intervention:

- DNP student and clinic staff administered SDOH screening tool.
- Adapted PRAPARE Screening tool (NACHC, 2019) was integrated into the daily schedule with other intake forms
- Setting/Duration: Semi rural specialty primary care clinic in Southern Maryland; data collection X 14 weeks

Population:

- Mixed population: Medicaid, Medicare, Private pay for service (> 18 years of age); and self referral

Tactics:

- Staff training on importance of collecting data on the social determinants of health and how it aligns with activities that your organization is already doing
- Flyers about SDOH screening to increase patients

Implementation Plan/Instruments

- The PRAPARE standardized SDOH screening tool was used to increase healthcare provider awareness of social issues affecting patients who seek care at the clinic.
- The screening tool is one of the only validated comprehensive SDOH screening tool. The complete PRAPARE tool includes 21 questions.

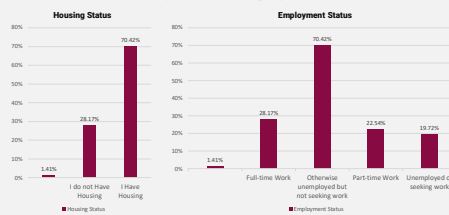
Data Analysis

- Once the PRAPARE screening tool responses was entered into Excel spreadsheets at which time the data was double checked for accuracy, and missing data identified and managed.
- Data was analyzed using mathematical, statistical, or computational algorithms

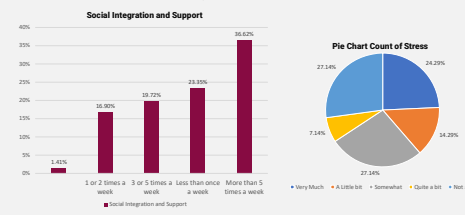


Results

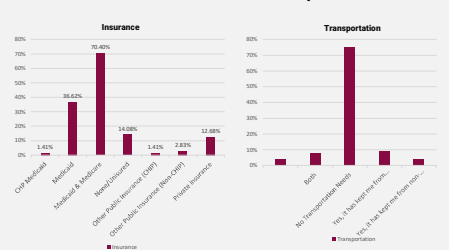
Housing Status & Employment Status



Social integration & Stress levels



Health Insurance & Transportation



Relationship Between Employment & Insurance: Race and Education

