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BACKGROUND

- Pharmacists, in the community and outpatient setting, have expanded their abilities as providers in order to:
  - Prevent hospital readmissions
  - Manage chronic disease states
  - Counsel on medications
  - Provide direct patient care
  - Recognize social determinants of health (SDOH)
- The U.S Department of Health and Human Services (HHS) identifies SDOH as conditions in the places where people live, learn, work, and play that affect a wide range of health risks and outcomes.
- Health and Health Care is key determinant of Health People 2020
- Priority in various organizations as well as the federal government
- Pharmacist accessibility allows patients to have consultation with health-related needs of 1.5 to 10 times greater than with their primary care physician.
- Opportunity to impact SDOH in a community setting
- Home visitation services aim to:
  - Optimize accessibility in care
  - Enhance the provider-patient experience
  - Reduce the costs of healthcare.
- Most patients who request these kind of services are older than age 65, have three chronic disease states, and are taking at least 10 medications.

OBJECTIVES

- **Primary Objective:** Determine the number of SDOH per patient that can be addressed. This will help clarify the assistance a pharmacist in the community setting can provide through a home visitation service.
- **Secondary Objectives:** Determine the number of hospital admissions prevented and improvements in point-of-care testing values after implementation of service. This will better gauge the outcomes and utility of pharmacist accessibility in the rural community.

METHODOLOGY

- Each patient in the Hardin County area that elects to participate in delivery and/or home visitation services will be included and followed throughout the study.
- Participants will complete a demographic questionnaire.
- Participants will complete a SDOH survey.
- The survey will assess socioeconomic needs of patients in the rural community.
- This tool will determine patient-specific needs and priorities.
- Services, along with questionnaires/surveys, provided for each patient visit will be evaluated via descriptive and inferential statistics.
- Outcomes will be assessed upon completion of data collection.
- Patients will be followed depending upon the needs of their disease states.
- ONU pharmacy students will participate in the follow-up and visitations.
- The home visitation services will build access to care for patients of ONU HealthWise Pharmacy along with improving outcomes.
- Knowledge gained can be used to better understand our patient population and their healthcare needs.

SETTING AND SAMPLE

- ONU HealthWise Pharmacy is a full-service community pharmacy with a focus on personalized care with education on disease state management and preventative health.
- **Inclusion:** ages > 18; ONU HealthWise patient; agree with and sign the informed consent document
- **Exclusion:** Do not meet the inclusion criteria above; cognitively impaired; or physically challenged in a way to hinder services provided

RESULTS

- Enrollment is ongoing
- Results will be submitted for publication

REFERENCES


AUTHOR DISCLOSURE

Authors of this presentation have the following to disclose concerning possible financial or personal relationships with commercial entities that may have a direct or indirect interest in the subject matter of this presentation.

- Clayton L. Miller: Nothing to disclose
- Katie Westgerdes: Nothing to disclose
- Michael Rush: Nothing to disclose
- Karen L. Kier: Nothing to disclose
- Megan Stephan: Nothing to disclose