Health Rating Card: Evaluating health outcomes through student-driven service-based health fairs targeting Medicare beneficiaries

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**BACKGROUND**

- The presence of chronic conditions (e.g., hypertension [HTN], hyperlipidemia, and type 2 diabetes mellitus [T2DM]) can have a major impact on patient outcomes.
- In 2017, the American College of Cardiology and American Heart Association (ACC/AHA) issued stricter blood pressure targets, resulting in an increased prevalence of HTN from 32% to 46%.
- It was reported that 36.7% of U.S. adults (≥21 years of age) were eligible for cholesterol-lowering medications.
- In 2015, the prevalence of T2DM in those ≥21 years of age was 9.4%.
- Additionally, 8.3% of these adults had prediabetes, whereas only 1.1% were reported being diagnosed.

**OBJECTIVES**

- To create a patient centric model for a comprehensive service-based health fair that optimizes patient outcomes, assesses patient satisfaction, and enhances student learning.
- To evaluate chronic condition control, identify medication-related problems, and provide relevant recommendations to prescribers.

**METHODS**

- **INTRO:** 16 health fairs targeting Medicare beneficiaries were held in 16 cities throughout Northern/Central California during the fall of 2017.
- At each health fair, 15 individual health screening/services were available for attendees.
- When applicable, chronic condition control was assessed by comparing a patient’s clinical values against corresponding practice guidelines.
- Pharmacy Part D and MTM services.
- The provision of MTM services typically utilized an interdisciplinary approach in which pharmacists students worked with social workers and/or physical assistants.
- A systematic process was utilized to guide each MTM intervention.
- Patient pharmacist partnerships at health fairs can:
  - Help introduce Pharmacy Practice Experience and interprofessional Experience requirements set by the Accreditation Council for Pharmacy Education
  - Send pharmacy curriculum outcomes developed by the Center for the Advancement of Pharmacy Education

**RESULTS**

- **Screening/Service Report Card**
- **Medication Therapy Management Outcomes**
- **Student Report Card**

**DISCUSSION/CONCLUSION**

- **Student pharmacist drives comprehensive service-based health fairs to benefit patients and students alike.**
  - **Patient benefits:**
    - Receiving necessary health screenings and education,
    - Receiving indication services,
    - Assessing their current health and disease control, and
    - Increasing their level of confidence in managing their own health care.
  - **Student benefits:**
    - Improving their patient communication skills,
    - Improving interprofessional communication skills by starting collaboration of identified MTM and
    - Increasing their own confidence in knowledge and skills.

- **Student pharmacist drives patient-centric health fairs improve patient care while enhancing students’ preparation for Advance Pharmacy Practice Experiences and, ultimately, the pharmacy work force.**

**REFERENCES**