

Cranbrook Towers Blood Pressure and Blood Glucose Screenings

University of Michigan College of Pharmacy

WHAT WE DID:

- **Objective:**
 - The purpose of our service project was to address a health need in the local community.
 - Patients in this residence community are non-native English speakers, and they have difficulty managing their disease states.
 - Our goal was to implement a recurrent blood pressure and blood glucose screening event to improve management of hypertension and diabetes in these patients while maintaining a long-term relationship with the residence facility.
- **Plan:**
 - HSP-UM collaborated with other student groups (SNPhA and APhA) to initiate a partnership with a senior residence facility to reach our target population of senior citizens.
 - Our event was held every other Thursday morning for 2 hours (twice monthly).
 - Students developed educational resources to handout to patients that were approved by pharmacists. Materials were both in English and Mandarin. Student translators were present onsite as needed.
 - Medical equipment and supplies were purchased by the University of Michigan College of Pharmacy that were used for each blood pressure and blood glucose screening.
 - Patient information was recorded in a PHI safe excel document stored on a secured file sharing service for longitudinal patient management.
- **Outcome:**
 - Participating in this screening initiative provided our members with the opportunity to improve their leadership skills by organizing and implementing this project, and further advance their clinical and communication skills by working with non-native English speakers.
 - 100% of students strongly agreed or agreed that this event increased their confidence in their clinical skills and stated they would participate in this event again. 90% of students were 100% satisfied with the number of patients they saw and 60% of students thought this event was most helpful in practicing their clinical skills
 - Participation in this event is now integrated into the curriculum and is mandatory for second year pharmacy students.

WHAT YOU CAN DO:

- Establish your target population
- Select a location and date to host the event (i.e. local retirement home or senior residence home)
- Work with your local partner to advertise and generate community resident interest
- Develop materials including educational informational handouts, flyers, and patient medical record tracking system
- Arrive 20-30 minutes prior to your event to set up
- Perform blood pressure and blood glucose screenings on patients and keep records of patient information for long term management

CONTACT INFORMATION:

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