

RESEARCH QUESTION

Is the primary barrier for diabetes management for patients experiencing homelessness in Fort Worth a lack of diabetes specific health education?

BACKGROUND

True Worth Clinic is a John Peter Smith Hospital (JPS) clinic that primarily serves homeless patients. There is a robust diabetes education team that works to provide care to homeless patients with diabetes mellitus.

There are few studies assessing outcomes for homeless patients with diagnosed diabetes, despite evidence that homeless patients suffer from diabetes at about the same rate as the general public, which as of 2018 is approximately 10.5% of the U.S. population.

The research team worked with the medical staff at True Worth to create a survey that is currently being administered to patients coming into the clinic. The survey focuses on barriers to care that are unique for homeless patients managing chronic conditions, such as diabetes.

METHODS

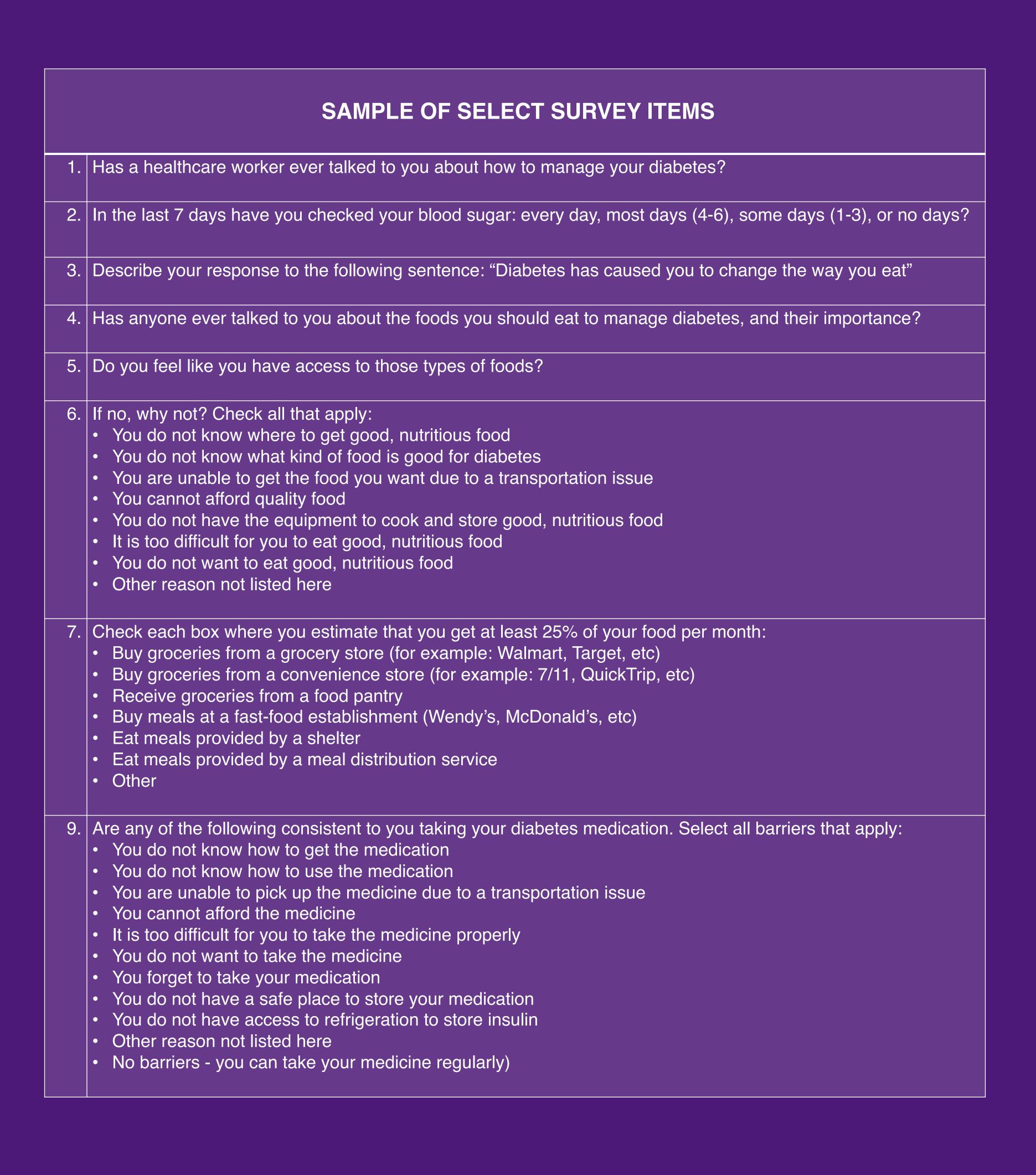
The goal of this survey is to quantify barriers to care that are unique for homeless patients managing chronic conditions, such as diabetes. This survey (some sample items shown on the right) has answer choices that were found in a literature review as barriers that homeless patients have to care in general, and barriers that diabetic patients who are not homeless have to maintain adequate blood sugar control. The survey was tailored to the specific patient population and was given to patients who met inclusion criteria and received care through the True Worth Clinic

Barriers to Care in Homeless Patients With Diabetes Mellitus

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The goal of the survey is to help to better understand the specific barriers that patients with diabetes at this clinic face. Having quantitative data on patient's barriers to care will allow the True Worth Clinic to more effectively address the unique barriers that their diabetic patients face





RESULTS

There were multiple barriers that a majority of respondents, expressed in the management of diabetes while experiencing homelessness.

Patients reported difficulty taking their prescribed diabetes medication, transportation to a pharmacy and forgetting to take their medication were the most common barriers.

Additionally, among the patients who stated someone talked to them about food to eat for optimal diabetes control, only approximately half (54%) felt they had access to those types of foods. This showed that diabetes education was not the primary barrier for diabetes management.

FUTURE DIRECTIONS

Understanding the specific barriers this patient population faces could help medical facilities properly address those barriers.

Once the quantitative data has specified which barriers are most limiting for patients, we hope that it will allow healthcare providers to tailor their approach to this patient population. Having quantitative data where there previously was none may also aid in decisions about where resource should be deployed and how targeted education can be used to improve outcomes, such as a lower HgA1c and a decreased rate of diabetic foot amputations.

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