

ABSTRACT

A COMPARATIVE ANALYSIS OF THE EFFECTS OF TRADITIONAL DIABETES CARE EDUCATION VERSUS USE OF THE PATIENT ELECTRONIC CARE SYSTEM (PECS) ON THE KNOWLEDGE, ATTITUDES, AND BEHAVIORS OF DIABETES PATIENTS

Sixty patients newly diagnosed with diabetes, ages 20 years and older, receiving diabetes services in a community health center were surveyed to assess the quality and delivery of diabetes care management among patients receiving traditional patient diabetic education compared to the quality and delivery of diabetes care provided through the use of the Patient Electronic Care System (PECS) database. The patients' knowledge, attitudes, and behaviors with regard to nutrition, physical activity, medication, and self-monitoring of blood glucose were explored. No significant differences were found between the traditional diabetic patient education and the diabetes care provided through the PECS database, and no significant differences were found by gender or age.

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