Utilizing an IDD Focused Electronic Health Record’s Template to Guide Family Medicine Resident Physicians Through a Patient Visit.

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Summary/Abstract

The Sonoran University Center for Excellence in Developmental Disabilities (UCEDD), Patient Centered Medical Home Project has created an evidenced based, IDD focused electronic health record (HER) template. The goal of the template is to help guide family medicine residents within the medical home through a patient visit. It ensures that they ask questions that improve the delivery and quality of care and allows them to capture person centered data to obtain a full picture of the person. This poster will guide viewer through the template development and outcomes from a resident teaching day session on the template.

Background

Adults with IDD have a number of health disparities related to preventable secondary chronic disease, health care accessibility issues and lack of health care provider training on the population. A survey developed by a University of Arizona, Family and Community Medicine Resident found that residents are only ‘somewhat’ comfortable with providing care to people with IDD. In order to meet the demand of quality healthcare for the IDD population and the growing need for healthcare provider education, the Sonoran University Center for Excellence in Developmental Disabilities (UCEDD), Patient Centered Medical Home Project developed an EHR template to help guide provider conversations and ensure that comprehensive exams for patients with IDD are completed.

Methods

Development of the EHR Template

Development of the electronic health records began with a literature review of existing evidence-based resources on health assessments and health/disability surveys. A paper version of the EHR template was drafted based on the literature review, person centered practices and input from current medical home patients. Once the paper draft was developed the Chief Medical Information Officer for University of Arizona Medical Center developed a test version within the EPIC’s electronic health records system. After a month of testing the template within EPIC went live in November 2014. The DD focused electronic health records is completed during intake of a patient and quarterly once intake has been completed.

Teaching Day

Family medicine residents were introduced to the EHR template during a teaching session held on January 22nd, 2015. The session began with a brief overview of the template, followed by a visit simulation with a patient from the medical home project. Dr. Bassford modeled communication strategies while completing the template with the medical home patient.

Results

- EHR template goes live (November 2014)
- Resident teaching day on introduction to EHR template (January 2015)
- 19 out of 24 residents attended the session
- All residents who attended the session ‘strongly agreed’ that the template increased their knowledge and made them more comfortable providing care to people with IDD
- 38 out of 76 medical home patients have had the template completed in their chart

Conclusions/Implications

The development and implementation of the IDD focused EHR template has allowed the medical home to begin to collect important health and social indicators of patients while providing resident physicians with a guide to facilitate knowledgeably, quality care. Resident physicians agree that the template has increased their knowledge and made them more comfortable with providing care. Next steps for the EHR template is to train all new residents/interns with the form, complete template for all medical home patients and begin to assess benchmark data captured within the template.

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