



Research Week 2020

The BRIDGE-C2 Center: A Learning Laboratory to Improve Cancer Screening and Prevention in Underserved Populations

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Abstract

Description

The newly funded Building Research in Implementation and Dissemination to Close Gaps and Achieve Equity in Cancer Control (BRIDGE-C2) Center is one of three National Cancer Institute's Advanced Implementation Science Centers in Cancer Control. This innovative Center, based in the Department of Family Medicine at the Oregon Health & Science University and partnered with OCHIN, Inc., will provide a regional resource for dissemination and implementation (D&I) science. The BRIDGE-C2 Center's overarching goal is to advance D&I science to improve cancer screening and prevention in underserved populations.

Objectives

Community health centers (CHCs) provide excellent care to over 28 million people, but like many primary care practices serving populations impacted by health disparities, they face obstacles to delivering evidence-based cancer prevention to their patient populations. The BRIDGE-C2 Center will create tailored, focused approaches to support diverse practices' implementation of evidence-based interventions to close gaps in cancer prevention care.

Setting and Participants

The BRIDGE-C2 Center brings together primary care providers, health services researchers, implementation scientists, and cancer control experts. All CHC members of OCHIN share a linked electronic health record; these data will enable surveillance of cancer screening and prevention across the network. This electronic health record network includes >645 CHCs that serve nearly 3.6 million patients nationwide.

Methods

We will conduct pilot studies that develop and test strategies to improve implementation of evidence-based cancer prevention, rapidly scale up successful pilots into large-scale pragmatic trials, and disseminate our findings. The Center will also provide infrastructure for D&I scientists including robust and innovative laboratories for empirical work and new methods and measurements.

Discussion

The BRIDGE-C2 Center will create the organizational infrastructure, enhance methodology, and connect researchers with primary care teams in order to propel the D&I field forward while also improving cancer screening and prevention gaps in CHCs.

