

Dynamic Diffusion Network QUERI Program

VA



U.S. Department of Veterans Affairs
Veterans Health Administration
Quality Enhancement Research Initiative

Scaling up and spreading innovations

The goal of the Dynamic Diffusion Network (DDN) QUERI Program is to expand promising clinical practices identified by the VHA Innovation Ecosystem's Diffusion of Excellence beyond early adopters. In partnership with the VHA Innovation Ecosystem and VISN 19, DDN will use practical strategies to promote the uptake of complex promising practices for diabetes and moral injury across 19 VA facilities. Additional operational partners include the VHA Integrative Mental Health Program, National VA Chaplain Service, Office of Mental Health and Suicide Prevention, Office of Rural Health, and Office of Connected Care.

Building networks to foster innovation diffusion

Implementation science often focuses on organizations that are early adopters of innovations, and more efforts are needed to identify practical strategies that can successfully foster implementation in later adopting sites. These later adopters often have unique challenges and needs.

DDN QUERI builds on the initial successes of Advanced Comprehensive Diabetes Care (ACDC) and Mental Health/Chaplain-Led Moral Injury Groups to further scale and spread the promising practices among adopters using a practical implementation strategy, the Dynamic Diffusion Network (DDN).



ACDC is a nurse-administered telemedicine program for Veterans with advanced diabetes. The program uses standard telemonitoring services to deliver diabetes self-management support and clinician-guided medication management



Moral Injury Groups is a network of mental health/chaplain-led therapeutic groups for Veterans experiencing moral injury. The groups share core components (e.g., co-facilitation, exploration of forgiveness, ritual) and procedures to deliver care to Veterans.

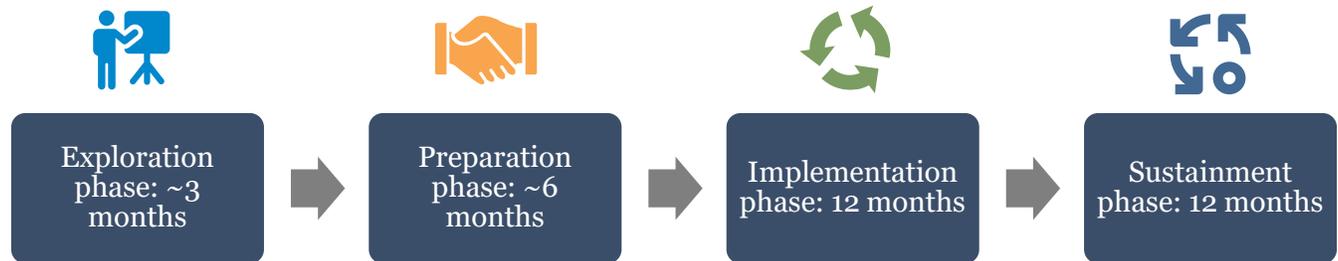


Utilizing a phased, multi-level approach to implementation

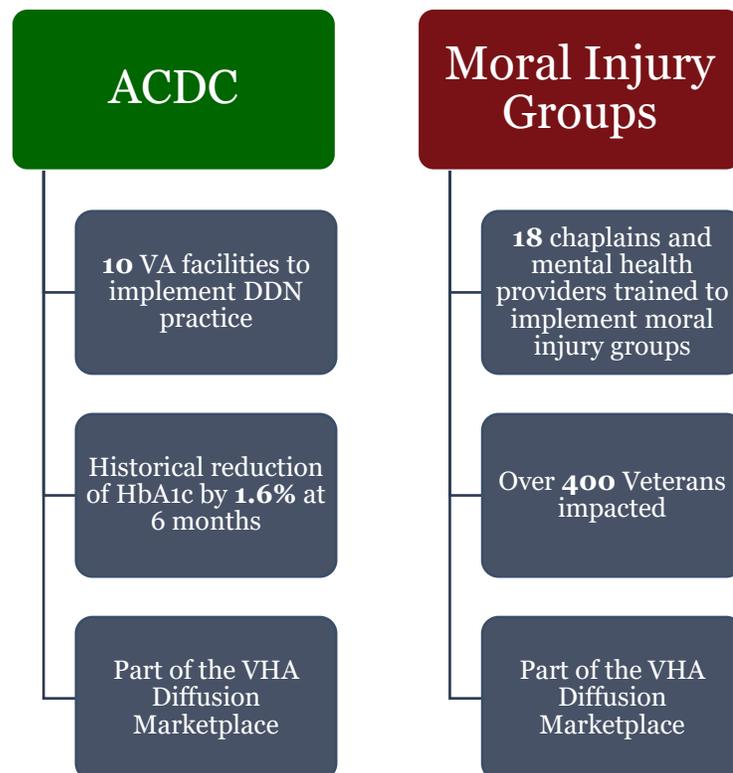
Guided by the Exploration, Preparation, Implementation, Sustainment (EPIS) framework, the DDN QUERI Program will carry out hybrid type-3 randomized trials of Advanced Comprehensive Diabetes Care and Moral Injury Groups. Each quality improvement trial will compare the implementation strategy, Dynamic Diffusion Network, to technical assistance among a group of later adopter sites.

A mixed-methods evaluation using the Consolidated Framework for Implementation Research (CFIR) will be conducted to examine factors influencing implementation outcomes at each EPIS stage, in addition to a budget impact analysis to establish the business case for the practices.

EPIS Framework



Program Impacts



Principal Investigators:

George L. Jackson, PhD, MHA Durham, NC
Matt Crowley, MD, MHS Durham, NC
Sarah Cutrona, MD, MPH Bedford, MA
Jason Nieuwsma, PhD Durham, NC

For more information, check out:

<https://www.queri.research.va.gov/>

If you would like to learn more or partner with us, please contact Brandolyn White, MPH at brandolyn.white@va.gov.