

Coteau des Prairies Grows Prevention and Management Programming During 1815 Year 3

Summary

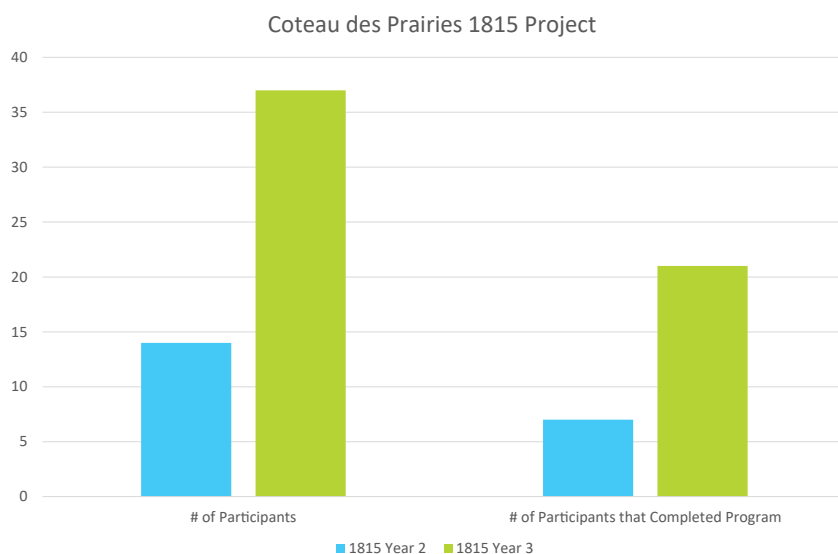
Coteau des Prairies (CDP) Health Care System has been partnering with the South Dakota Department of Health (SD DOH) Heart Disease and Stroke Prevention Program (HDSPP) team since 2019 to address quality improvement (QI) needs, particularly around their electronic medical record's (EMR) capabilities. Since the QI work is data-driven, the facility initiated a comprehensive dashboard for easy visualization and analysis of quality measures. Ongoing efforts ensure the dashboard is accessible and data is reviewed for thoroughness and accuracy. Additionally, a method of gathering provider assessment and feedback was established. The team works to streamline the process, available resources, and clinical support and coordination for maximum efficiency and patient benefit. CDP continues to implement SMBP with onboarding providers and clinical staff new to the program.

Results

In 1815 Year 2 (July 1, 2019-June 30, 2020), CDP enrolled 14 participants in SMBP, of which 7 completed the program. One individual had controlled blood pressure, meaning ongoing readings below 140/90 mm Hg and nine required medication changes to get their blood pressure under control.

In 1815 Year 3 (July 1, 2020-June 30, 2021), 21 out of 37 participants completed the program with 18 needing medication changes and eight having controlled blood pressure.

As part of CDP's SMBP program, each participant also receives care planning by a team comprised of their provider, dietitian, and pharmacist as well as referrals to the dietitian and pharmacist for a deep dive into their nutrition and medication treatment plans.



Evidence-Based Interventions

CDP implemented the following three evidence-based interventions: 1) Promote the adoption of evidence-based quality measurement at the provider level, 2) Support engagement of non-physician team members in hypertension and cholesterol management in clinical settings, and 3) Facilitate use of self-measured blood pressure monitoring with clinical support among adults with hypertension.

Key Components

Several key components initiated in Year 3 help grow CDP's prevention and management programming, including: 1) Use of assessment and feedback from providers to improve blood pressure goals, 2) Providing additional staff training to ensure blood pressure readings are taken and recorded accurately, 3) Utilizing a resource binder developed and distributed to each provider to help inform them of relevant performance measures and related process for documentation, workflow, etc., and 4) Onboarding of new staff to the SMBP program and overall prevention goals.

Staff and patient buy-in, training, and new workflows, policies, and processes are necessary. CDP's quality team serves as the hub for assessing facility blood pressure screening practices, collecting data, and comparing overall clinic performance to national standards. The team works together to set yearly goals for every provider and sends them reports quarterly to let them know what percentage of their patient panel meets the blood pressure goal. The team works with staff to ensure blood pressure readings are recorded accurately in the EMR. They also developed a binder for each provider containing resources and best practices on improving blood pressure measurement to ensure consistency amongst providers.

Successes

Focusing on prevention and management programming through a team-based approach has created new engagement and energy amongst CDP staff. Providers have responded positively to feedback data and overall clinic goals have improved. Patients appreciate the new patient-centered care, one-on-one coaching, and adoption of the care coordination model. Additionally, the improved outcomes and engagement for both patients and staff has been a positive result of this work.

Future Directions

Through CDC's 1815 cooperative agreement, Coteau des Prairies receives continued funding from the HDSPP in 2021-2022 to further build momentum around team-based care by utilizing more structured care coordination programming. To continue to expand this work, CDP will look at retrieving additional data from their EMR for an improved provider dashboard. Increasing the number of patients with hypertension who use home blood pressure cuffs, participating in medication review visits, and receiving nutrition counseling will all help improve hypertension control for CDP's patients. They are also working on developing a care coordinator position to further assist with chronic care management.

Get Involved

For additional information on this project or to learn more about HDSPP funding opportunities, contact Rachel Sehr, Heart Disease and Stroke Prevention Coordinator at Rachel.Sehr@state.sd.us or 605-367-5356.

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