The South Dakota Cardiovascular Collaborative and the Statewide Cardiovascular Strategic Plan

Rachel Sehr, Kiley Hump, Ashley Miller, Marty Link
South Dakota Department of Health

The Cardiovascular Collaborative

The South Dakota Cardiovascular Collaborative is a group of medical and public health representatives who want to improve the quality of life for all South Dakotans through prevention and control of heart disease and stroke.

The Collaborative includes diverse representatives from across South Dakota, including:
- American Heart Association
- Avera Health System
- Community Healthcare Association of the Dakotas
- Dakota State University
- Dept. of Social Services
- Fall River Health
- Great Plains Tribal Chairman's Health Board
- Great Plains Quality Innovation Network
- Health Management Partners
- HealthPOINT
- Horizon Healthcare
- Huron Clinic Foundation
- Indian Health Services
- Lewis Family Drug
- Paramedics Plus
- Prairie Lakes Healthcare
- Regional Health System
- Rural Health
- Sanford Health System
- Sioux Falls Dept. of Health
- SD State Medical Association
- SD Association of Healthcare Organizations
- SD Department of Health
- SD EMS Association
- South Dakota State University
- Sisseton-Wahpeton
- Spearfish Ambulance
- University of Sioux Falls
- Urban Indian Health

The Strategic Plan

Planning Process

Key Accomplishments

Quarterly Newsletters
- Asked about data practices related to hypertension, heart failure, cardiac arrest, stroke, STEMI times, cholesterol, and diabetes.
- Survey Results:
  - No uniformity in who collects that data, how data is collected, what they do with it, etc.
  - Data practices vary greatly amongst different facilities and amongst different disease states.
  - Multiple barriers surrounding quality improvement, most notably the lack of appropriate staffing, lack of staff buy-in, and other priority projects taking precedence.

Cardiovascular Data Survey

Team-Based Care Guide
- Developed resource to educate on and promote team-based care in South Dakota.

Cardiac Ready Communities
- Discovered promising practices from Cardiac Ready Community Programs in other states (e.g. MT and ND).
- Determined criteria for Cardiac Ready Communities.
- Developed a program guide discussing designation criteria, implementation, and the application process.
- Currently working with a pilot site to achieve designation.

Quality Improvement Toolkit
- Developed a resource guide to educate on and promote quality improvement in South Dakota.
- Working on expanding this guide into a resource with additional tools, including local success stories.

Priority Strategies for Goal Area Task Forces (2018-2019)

Goal 1: Improve Data Collection
- Identify and promote tracking of a common set of minimum cardiovascular health data for use for both prevention and improvement of post-cardiac event outcomes.

Goal 2: Priority Populations
- Promote the different models of team-based, patient-centered care (health cooperative clinic, health homes, PCMH).
- Maximize community-clinical linkages (e.g. CHW, different sectors).

Goal 3: Continuum of Care
- Develop pilot program for cardiac ready communities.

Goal 4: Prevention and Management
- Encourage the implementation of quality improvement processes in health systems.
- Promote awareness, detection and management of high blood pressure (clinical innovations, team-based care, and self-monitoring of blood pressure).

Find the plan here: https://doh.sd.gov/diseases/chronic/heartdisease/state-plan.aspx

For more information, email Rachel.Sehr@state.sd.us