Strategic Clinical Networks

Diabetes Infrastructure for Surveillance, Evaluation and Research (DISER)
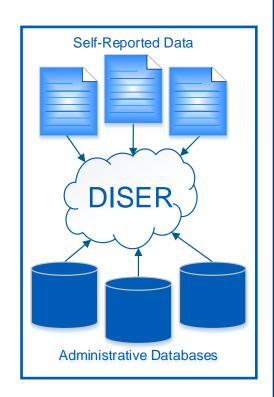
The Goal

Diabetes is a chronic illness affecting 317,000 Albertans and impacting hundreds of thousands more. It can lead to many complications, requiring diligent self-care, and support from multiple healthcare providers.

Diabetes is on the rise in Alberta, increasing 60 per cent since the year 2000. It is also estimated to cost Albertans $1.5B/year. Working to improve care for people with diabetes has been difficult. Their complex care, from medication to multiple healthcare providers, is hard to track and Alberta's data on diabetes is fragmented.

The goal of the Diabetes Infrastructure for Surveillance, Evaluation and Research project, or DISER, is to begin joining the fragmented diabetes data in Alberta.

Self-Reported Data

DISER

Administrative Databases

The Process

DISER will link multiple databases together to create a united source of diabetes data. It will also link to an online survey tool. The survey tool will allow patients to submit self-reported patient data directly to DISER.

The Outcome

DISER will let researchers look at diabetes better than ever before. Linking different data sources is like building a puzzle. The more data added, the more clearly the final image of diabetes becomes. This will provide new evidence and allow research to drive improvements in healthcare practice.

Linking databases and including self-reported patient data will make Alberta better suited than ever to study diabetes and improve the situation for all Albertans.

The Team

This project is led by the Diabetes, Obesity and Nutrition Strategic Clinic Network (DON SCN) along with AHS Clinical Analytics, and the Alliance for Canadian Health Outcomes Research in Diabetes (ACHORD) at the University of Alberta. DISER is supported by Alberta Innovates.

For information about this project contact DISER@ahs.ca

Alberta Health Services

Diabetes, Obesity & Nutrition Strategic Clinical Network™