A Look at Inpatient Diabetes Utilization

The DON SCN strives to improve the health and well-being of individual Albertans and our communities through a collaborative network that encourages uptake of best practices, promotes improvements, and champions innovation in nutrition and in the prevention and management of diabetes and obesity across the health system to promote equitable access, quality and sustainability.

DON SCN Fast Facts

- 20% of adult patients admitted to Alberta hospitals have diabetes coded in their chart
- 34% of these patients use insulin to manage their diabetes in the community
- 52% of patients admitted to hospital in Alberta have A1Cs that are not within the recommended target of 7% or lower

Prevalence of Diabetes across Alberta Hospitals

- One in five patients admitted to hospital has diabetes

How many Patients manage their diabetes with insulin?

- Some may be surprised to know that 34% of all patients with diabetes use insulin at home

Length of Stay

- Patients with diabetes have an average length of stay 40% greater than their counterparts without diabetes

The inpatient utilization dashboard allows the user to explore details of patients with diabetes that are admitted to Alberta hospitals. The data can be broken down by Zone and site. Data available includes: prevalence, reason for admission, length of stay, age, A1C testing, etc.
What brings patients with diabetes to hospital?

The dashboard can be used to identify the diagnosis coded for patients admitted to Alberta hospitals.

What is the age of our patients?

How well are they managing their sugars in the community?

Patients admitted to Calgary Zone urban hospitals

More detailed information may be available on request for patients admitted to hospital in the 4 centres in Calgary using Sunrise Clinical Manager, as data can be extracted from the electronic health record.

Data Source

AHS Tableau dashboard:

The Tableau dashboard is currently available to AHS clinicians and researchers who are interested in information about patients with diabetes in Alberta Hospitals. Please contact the DON SCN at the email below for the Tableau link.

For non AHS staff interested in accessing this data; please contact the DON SCN at the email address below.

For more information about the dashboard; contact us at: diabetesobesitynutrition.scn@ahs.ca