

DIABETES, OBESITY & NUTRITION STRATEGIC CLINICAL NETWORK

DIABETES INPATIENT MANAGEMENT INITIATIVE

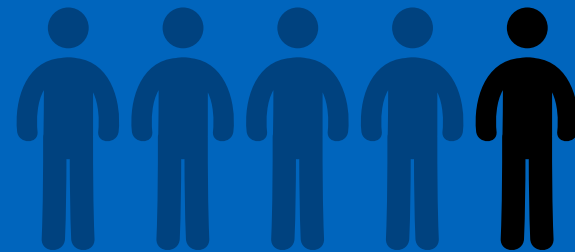
Preventing highs and lows

Strategic Clinical Networks (SCNs) are creating improvements within focused areas of health care.

To get the most out of our health care system, AHS has developed networks of people who are passionate and knowledgeable about specific areas of health, challenging them to find new and innovative ways of delivering care that will provide better quality, better outcomes and better value for every Albertan.

The Diabetes Inpatient Management Initiative is a priority for the Diabetes, Obesity & Nutrition SCN. Hyperglycemia is currently common in hospitals. It is associated with poor health outcomes for the patient.

1 in 5 OF ALL ADULT PATIENTS IN ALBERTA HOSPITALS HAS DIABETES



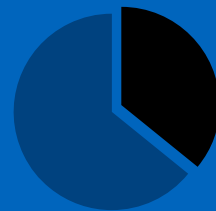
PATIENTS WITH DIABETES SPEND ON AVERAGE

5 DAYS IN HOSPITAL COMPARED TO **3 DAYS**

FOR NON-DIABETIC PATIENTS



In Alberta hospitals, patients with diabetes are **HYPERGLYCEMIC** OVER **1/3** OF THE TIME



HYPERGLYCEMIA



delayed wound healing



infection

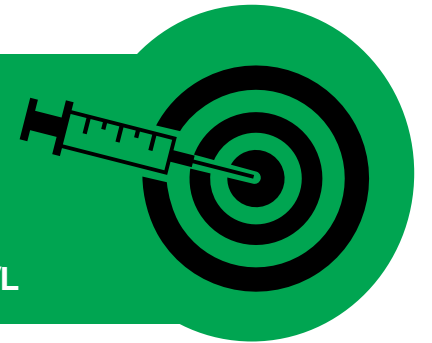


mortality

STANDARDIZE AND IMPROVE DIABETES INPATIENT CARE TO MEET NATIONAL GUIDELINES

SUPPORTING PATIENTS to maintain their **BLOOD SUGAR TARGETS**

IN-HOSPITAL BLOOD SUGAR TARGET RANGE **5-10** mmol/L



CARE TEAM

- standardized insulin ordering practice
- diabetes education
- safe insulin pump therapy management
- blood sugar management policy/guidelines
- safe management of diabetic ketoacidosis
- surgical guidelines

FOOD AND NUTRITION SERVICES

- carbohydrate information on meals/snacks

PHARMACY

- simplified insulin formulary is in place
- insulin dispensing is patient-specific



WORKING AS A TEAM WITH THE PATIENT

EXPECTED OUTCOMES

- more satisfied patients
- reduced rates of hyperglycemia & hypoglycemia in hospital
- fewer medical complications and infections
- smoother transitions – community to hospital, hospital to community
- shorter length of hospital stay

1/2 BED DAY SAVED per patient could result in **22,000+ DAYS** returned to the system per year