

Learning Objectives

- 1 Understand how different foods affect diabetes management and how the timing of meals and portion sizes impact blood sugar control.
- 2 Identify strategies to promote healthy eating in the context of understanding why people eat the way they do.

2 INDIGENOUS SERVICES CANADA

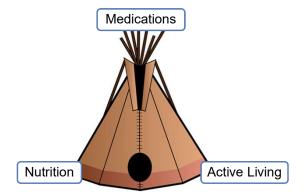
Outline

- Diabetes Prevention and Management
- Healthy Eating
- · What's In Our Food
- How Much and When to Eat
- Mindful Eating
- · Barriers to Healthy Eating
- Why people eat the way they do
- Helping Clients
- Resources



Are Prevention and Management Different?

The steps to **prevent** diabetes are the **same** as the steps to **manage** diabetes. Culture is at the core of prevention and management.





Is there a "diabetes diet"?

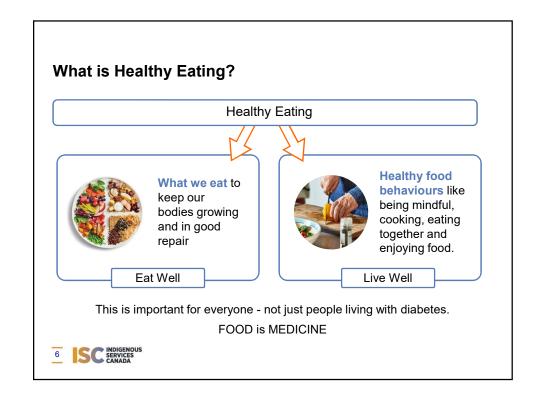


Healthy foods and healthy food behaviours are important for everyone.

Healthy eating can reduce your risk of many diseases and complications.

Eat a variety of foods each day!





Poll Question



What part of our food affects blood sugars the most?



What's in Our Food - Macronutrients



Carbohydrates

Have the most effect on blood sugar



Protein

Have very little effect on blood sugar



Fat

Have indirect effects on blood sugar









Alberta Health Services resource

Fibre

Fibre is a special carbohydrate that does not turn into sugar

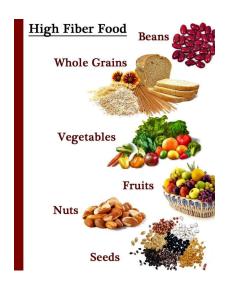
Fibre acts like a **sponge** to soak up extra sugar and fat in your blood.

Fibre is found only in **plant-based** foods.

Less fibre is found is processed foods.

Goal is 25g each day





What's in Our Food - Micronutrients

The food we eat contains important vitamins and minerals needed for health.

Vitamins A
Vitamins A
Vitamin B(s)
Vitamin C
Vitamin
Vitamin
Vitamin E
Vitamin K

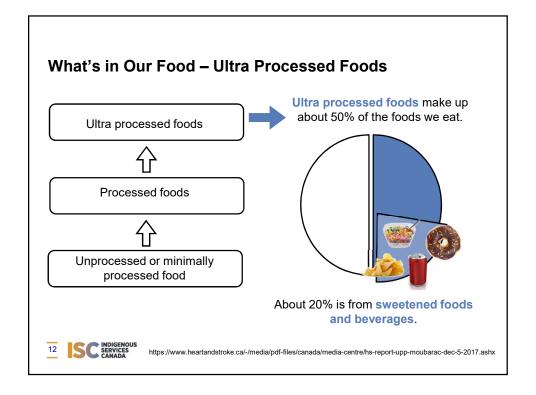
Vitamin K

Iron
Calcium
Magnesium
Sodium
Potassium
Zinc

If we choose to eat whole foods, we should get all of the micronutrients we need for our health. Micronutrients are also available in supplement form.







Poll Question



Ultra processed foods can contain high amounts of _____



Ultraprocessed foods



These foods contain high amounts of sugar, fat and/or salt. These foods contain low amounts of fibre. Ultraprocessed foods increase blood sugar.



94 grams of carbohydrate

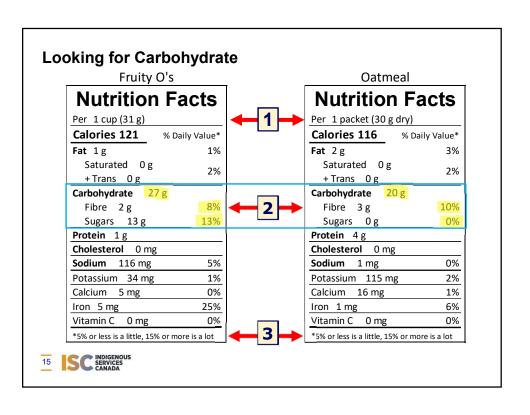
- 60 grams of sugar
- 32 grams of starch
- 2 grams of fibre

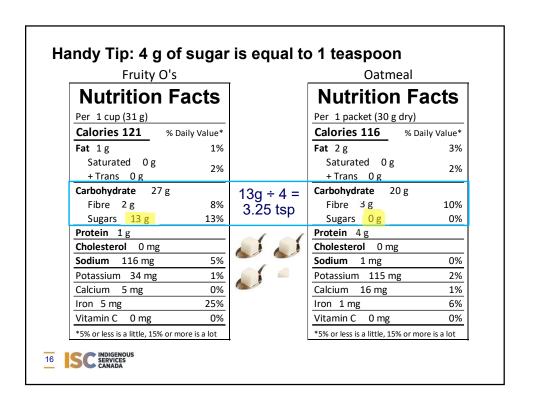
26 grams of fat 658 calories

No foods are forbidden - but making healthy choices can help control blood sugar and prevent complications.









Eating for health



What



How Much



When





- Foods that can **help** to keep everyone healthy:
 - ✓ Vegetables and fruit: fresh, frozen, canned and dried
 - ✓ Whole grain foods: breads, pasta, cereals
 - ✓ Lower fat milk products: fluid milk, yogurt, cheese
 - ✓ Lean meats (beef, pork, chicken, moose, deer), fish, eggs, beans, lentils
- · Food that can make it harder to keep healthy
 - Ultra processed foods high in sugar: pop, candy, sweetened cereal, desserts
 - ⚠ Ultra processed food high in carbohydrates, fat and salt: fast foods, potato chips
 - ⚠ Ultra processed food high in fat and salt: bologna, garlic, hot dogs, chicken nuggets



Poll Question



Can traditional foods from the land be part of a healthy diet?







What about traditional foods?



Foods from the land are **healthy** the way the Creator made them.

- Wild game meat is an excellent low-fat source of iron and protein.
- Berries are great sources of vitamins, minerals and fibre.



Traditional foods are an important part of **ceremony** and protocols Using traditional foods is a way to connect across generations.

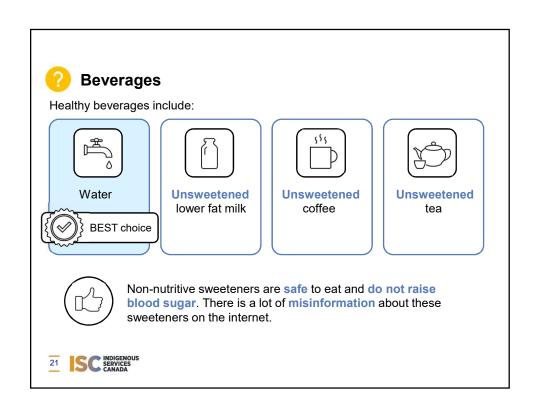


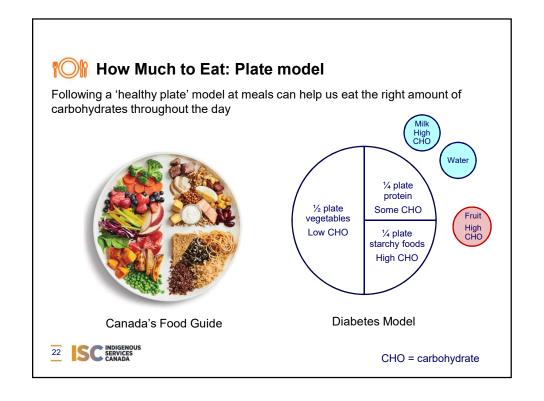
Alberta First Nations Food Sovereignty Declaration, June 2017

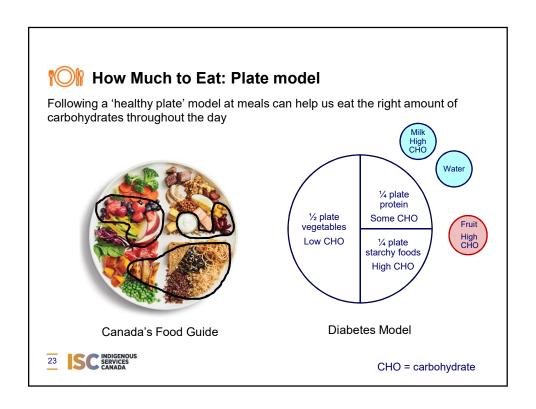
 Elders from all three treaty areas came together to discuss food sovereignty and how to increase the use of traditional foods in community programs and facilities.

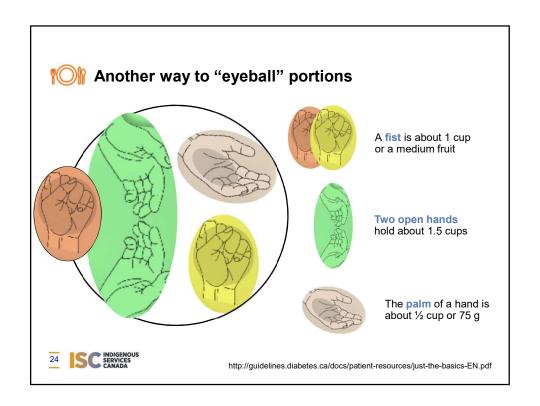












Diabetes Canada Statement: Low Carbohydrate Diets

< 130 g per day



Benefits



Cautions

- · Lower A1C levels
- · Reduced insulin needs
- · Less glucose variability
- · Weight loss

- · Long-term impact is unknown
- Can be difficult to follow a lower carbohydrate diet
- Can be harder to get recommended amounts of fiber and other nutrients
- People may need to change insulin and/or diabetes medications



Seek support from a dietitian who can help to create a plan that aligns with an individual's treatment goals





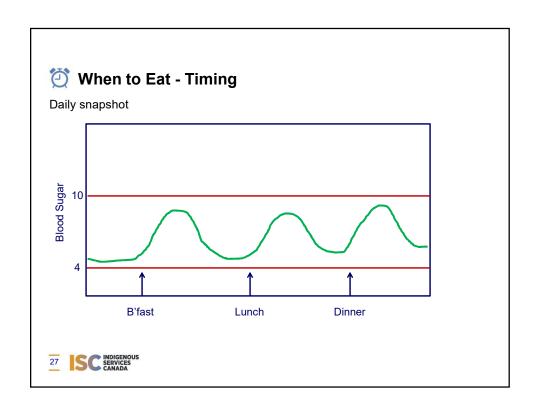
Poll Question

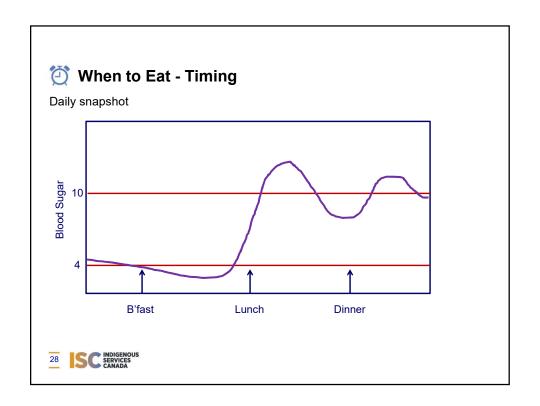


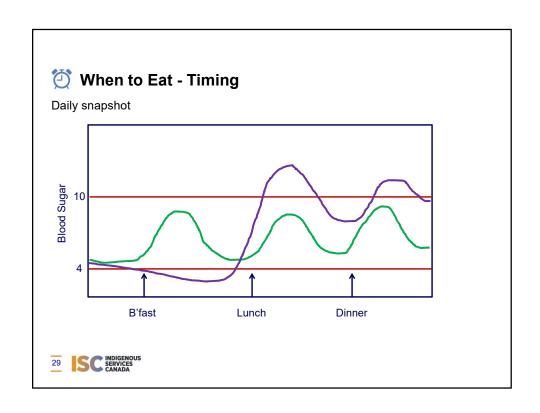
Eating regular meals throughout the day is helpful for managing blood sugars

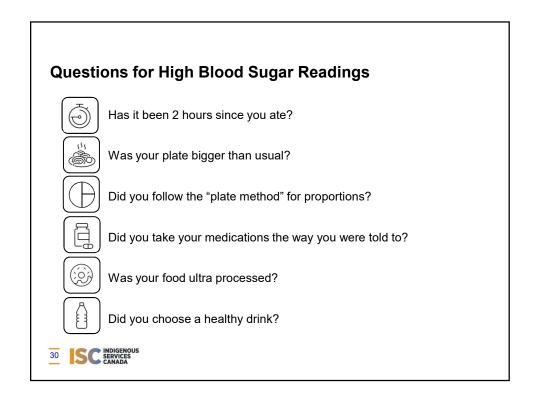




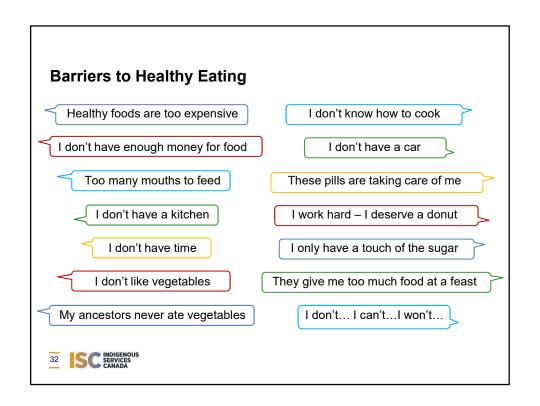


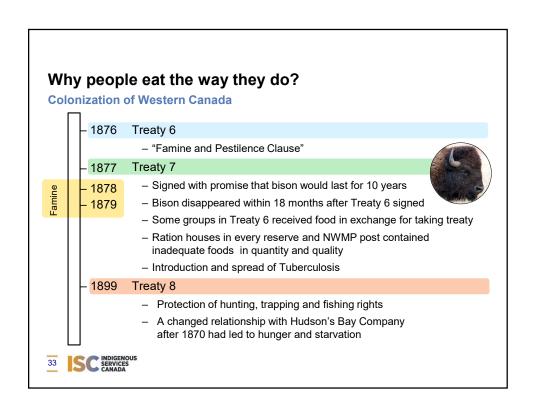


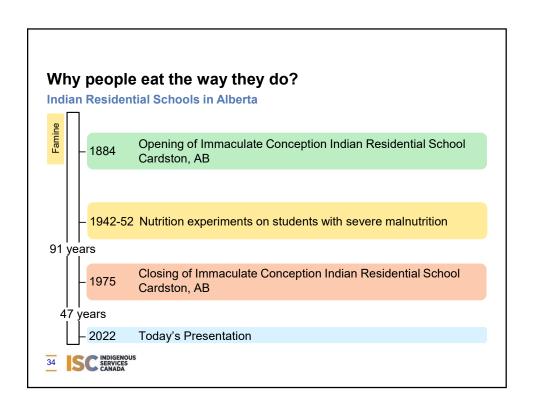




Emotional Side of Eating Be mindful of eating habits Food is used to celebrate life and culture Food can be used to cope with stress, sadness or boredom Food is medicine Being mindful is slowing down and asking these questions: Are you hungry or are you eating out of habit? Are you angry, sad, happy, excited, bored, lonely? Do you take time to eat your meal or are you rushed? Where do you eat? In the car? In front of the TV? Do you enjoy your food?







Why do people eat the way they do?

Malnutrition in childhood is connected to:

- Stunting
- · Obesity
- Diabetes
- · High blood pressure
- · Cardiovascular disease

Complex intergenerational impacts contribute to:

- Diabetes
- Obesity

INDIGENOUS SERVICES "we were always hungry"

"For years after leaving school, I gorged almost every day on bacon, sausage, ham, bologna and eggs. I'd cut long slices into my toast and insert tracks of butter into them, and I routinely laid a piece of bread or bannock in the pan where I'd just fried bacon and let it soak up the grease, unaware of the health risks associated with eating this treat. I'd acquired a taste for a high-fat, low nutrient diet, which later contributed to my clogged arteries and need for open-heart surgery."

Theodore Fontaine, Sagkeeng Objibway First Nation

How this knowledge can help us today



Encourages us to approach people with kindness and gentleness.



If people are struggling with diabetes/weight/emotions it isn't their fault. There are many factors to people feeling unwell.



Everyone wants to live a long and healthy life.



Encourages us to advocate on behalf of vulnerable individuals.



Encourages us to learn more.





What Nutrition Activities Help Address These Barriers? Good Food Box/Meal Bags Grocery Store Tour Cooking classes Individual Conversations Food Budgeting Kitchen in a Box Healthy Foods Samples Organize transportation To Diabetes classes Posters in Kitchen Kitchen in a Box Berry and medicine picking Organize transportation



Low-Cost Meal Resources

Directory of Free Food in Alberta



Call 211 to find information on eligibility and other information



https://www.albertahealthservices.ca/nutrition/Page16163.aspx

The Basic Shelf Cookbook



10 Free Recipes Available Online

The Basic Shelf Cookbook | Canadian Public Health Association (cpha.ca)





Helping people set goals

Here are three quick questions that can help people meet their goals:



What are the pros and cons of staying the same? What are the pros and cons of changing?

- 2 How confident are you in your ability to reach your goal?
 High confidence? Medium confidence? Low confidence?
- What specific steps will you take to achieve your goal?

 Make it SMART: Specific Measurable Achievable Realistic and set a Time Frame



http://guidelines.diabetes.ca/docs/CPG-quick-reference-guide-web-EN.pdf#page=8

Where can I get more help?

Alberta Health Services

- Virtual Diabetes Prevention Program: https://www.albertahealthservices.ca/scns/Page13961.aspx
- AHS Indigenous Wellness Program: call 1-800-441-4512; email: Indigenous.Health@ahs.ca
- Health Link: Call 811 or visit www.MyHealth.Alberta.ca
- Healthy Eating Starts Here resources: https://www.albertahealthservices.ca/nutrition/Page12598.aspx

 AHS has developed resources for on a wide variety of healthy eating topics for schools, childcare centres, workplace and in the community.
- Carbohydrates in Food pictorial handout: https://www.albertahealthservices.ca/assets/info/nutrition/if-nfs-carbohydrate-in-foods-pictorial.pdf



Where can I get more help?

OKAKI Diabetes Virtual Care Clinic

- Email: virtualcare@okaki.com or call: 587-882-4477
- New service providing virtual CDE appointments and virtual group classes

TSAG

• Diabetes 101 Education series (2019) https://fntn.ca/Series/Diabetes-101

Diabetes Canada

- www.diabetes.ca
- 2018 Clinical Practice Guidelines: http://guidelines.diabetes.ca/
- There are so many health care provider and client resources available as part of the Guidelines. Many are interactive to help you learn more.

Canada's Food Guide

• https://food-guide.canada.ca/en/



Moving Forward

- Make understanding culture a key part of your wholistic practice.
- Healthy Eating is for EVERYONE not just people with diabetes.
- Consider whole foods closer to the way the Creator made them
- Choose foods you enjoy and eating patterns you can do for a long time
- Small changes can make a big difference.
- Consult a Registered Dietitian if you want to learn more.





Questions?



The FNIHB Nutrition Advisory Team is here to help!



Contact Laura White at laura.white@sac-isc.gc.ca to connect with the team



Contact **Kathleen Gibson** at <u>kathleen.gibson@sac-isc.gc.ca</u> with any questions about today's presentation

