# Nutrition

- ☐ Our bodies get energy from 3 different sources;
  - Carbohydrates
  - Fats
  - Proteins

EACH OF THESE SOURCES IMPACT YOUR BLOOD SUGAR DIFFERENTLY

### **CARBOHYDRATES**

- These are the foods that have the greatest impact on blood sugar
- Carbohydrates are the ONLY source that significantly raises blood sugar
- For this reason CARBOHYDRATES are the nutrient we watch most closely in women with Gestational Diabetes

## **Foods High in Carbohydrates**

- Breads
- Pastas
- Cereals
- Crackers
- Starchy Vegetables; potatoes, sweet potatoes, winter squash, peas & corn

# Carbohydrate Portions "Counting Carbs"

The easiest way to understand how carbohydrates are impacting your blood sugar is to measure them.

The "portion" method is a widely used helpful tool for monitoring carbohydrates

One portion equals 15 grams of carbohydrate

# 15 grams of carbohydrate

- ★ 1 slice of bread
- ★ 1 small (6 inch) tortilla
- ★ ½ cup of cereal
- ★ ½ cup of cooked pasta
- ★ ½ cup of cooked rice
- ★ ½ cup of cooked oatmeal
- ★ 1 cup of milk
- ★ ½ cup of fresh fruit
- $\star$  1 cup of berries

# **Counting Carbohydrates**

Food Labels are a very helpful tool to help determine the amount of carbohydrate in foods.

- ALWAYS CHECK THE SERVING SIZE
- Check the total carbohydrate
- Check the dietary fibre
- Check the protein content

### Sample Label for Macaroni and Cheese

### **Start Here**

### Limit these Nutrients

### Get Enough of these Nutrients

### Footnote

	on Facts
Serving Size 1 cup (2 Servings Per Contain	
Amount Per Serving	
Calories 250	Calories from Fat 110
	% Daily Value*
Total Fat 12g	18%
Saturated Fat 3g Trans Fat 1.5g	15%
Cholesterol 30mg	10%
Sodium 470mg	20%
Total Carbohydrate 3	1g 10%
Dietary Fiber 0g	0%
Sugars 5g	i i
Protein 5g	
Vitamin A	40/
Vitamin A	4%
Vitamin C	2%
Calcium	20%
Iron	4%

4% 2% 20% 4% diet.

your calorie needs: Calories: 2.000 2,500 Total Fat 65g 80g Less than Sat Fat Less than 20g 25g 300mg Cholesterol 300mg Less than 2,400mg Sodium Less than 2,400mg Total Carbohydrate 300g 375g Dietary Fiber 25g 30g

Quick Guide to % DV 5% or less is low 20% or more is high

# Foods that do not raise your Blood Sugar

- **★** VEGETABLES
- **★** FATS & PROTEINS

# Non Starchy Vegetables

- Artichokes
- Asparagas
- Peppers
- Broccoli
- Celery
- Cucumbers
- Tomatoes
- Greens
- Summer squash, zucchini

### **Fats & Proteins**

Foods that are mostly made up of proteins and fat do not raise blood sugar

These nutrients help to stabilize blood sugar

### **Fat & Protein Sources**

- Meats; Beef, Poultry, Pork
- Fish & Seafood
- Eggs & Dairy
- Nuts & Seeds

### The Plate Method

The plate method is a way to visually paln out your meals without strictly measuring portions

It can be helpful in situations where you may not have access to a food label

- One half of your plate should be composed of non-starchy vegetables
- One quarter of your plate **lean** proteins
- One quarter of your plate from carbohydrates (generally no more than 1 cup or 30 grams of carbohydrates at one sitting)

