

Healthy Eating and You

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What's Inside:

Risk Factors for Heart Disease	2
Blood Fats (Lipids)	3
Rate your Weight: Body Mass Index (BMI)	4
Choosing Healthier Foods	
Protein Sources: Meat, Fish, Poultry	6
Meatless Alternatives	7
• Fats	8
Milk and Milk Products	. 10
Fruits and Vegetables	. 11
Grain Products	. 12
Fibre Facts	. 13
Sweets and Alcohol	. 15
Hold the Salt!	. 16
How to Flavour your Foods Without Salt	. 17
Cooking Low-Fat	. 18
Nutrition Claims	. 19
Using Food Labels	. 20
Healthy Snack Ideas and Celebration Tips	.21
Dining Out the Healthy Way	. 22

English

This information is important! If you have trouble reading this, ask someone to help you.

Italian

Queste informazoni sono importanti! Se ha difficoltà a leggere questo, chieda aiuto a qualcuno.

Spanish

¡Esta información es importante! Si tiene dificultad en leer esto, pida que alguien le ayude.

Eating for Better Health

This is your guide to healthy eating put together by the dietitians of Humber River Hospital. It will help better your nutritional health and well-being.

Changing your eating habits will help you achieve and keep a healthy blood cholesterol level, a healthy body weight, improve your overall heart health and lower other risks of heart disease.

This guide will help you learn about:

- Desirable cholesterol levels
- Portion control
- Risk factors for heart disease
- What makes a healthy weight
- Choosing healthier foods
- Reading food labels

- Fats, fibre, salt
- Choosing serving sizes
- Tips for celebrations
- Dining out the healthy way
- Cooking the low-fat way
- · Healthy snacks.



For more information, please contact a registered dietitian.

Form # 000137 © 2004_05 REV 2011_01 Page 1

Risk Factors for Heart Disease

What makes me at risk of heart disease?

(Check all the boxes that apply)

□ Smoking

Lack of physical activity (under
20 minutes of vigorous exercise,
3 times a week or under 30 minutes of
moderate exercise a day)

Being overweight (see Body Mass Index	X
BMI) or Waist Measurements chart)	

High blood pressure or taking blood
pressure medication (if blood pressure
is > 140/90 or if you have Diabetes
Mellitus/Kidney Disease with blood
pressure > 130/80)

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ш	Abnormal	cno	iestero	ı ievei	S

☐ Stress

☐ Atherosclerosis (clogged arteries).

What you <u>cannot</u> control:

- ☐ Family history of high cholesterol
- ☐ Ethnicity (for example, South Asians, First Nations)
- Age: The older you get, the more at risk you are for heart disease as the arteries get harder and narrower (men over the age of 40 and women over the age of 50 or postmenopausal)

Waist Measurements Chart

Caucasian, Sub-Saharan Africans,

South Asians, Ethnic South and

Central Americans, First Nations,

Eastern Mediterranean and Middle

Ethnicity

East (Arabic)

Chinese, Japanese

- ☐ History of premature heart disease in immediate family: mother, father, brother or sister under age 60
- ☐ Diabetes mellitus
- ☐ Chronic renal disease
- ☐ Erectile dysfunction
- ☐ Autoimmune disease, such as lupus and rheumatoid arthritis.



Waist Measurement

Men: ≥ 94 cm

Men: ≥ 90 cm

Women ≥ 80 cm

Women: ≥ 80 cm

Blood Fats (Lipids)

What are blood fats (lipids)?

	Definition	What affects the level in your blood?
Blood Cholesterol (less than 5.2 mmoL)	 A wax-like fat made in the liver High levels increase the risk of heart disease 80% of cholesterol is produced by the liver 20% is absorbed from the foods that are eaten. 	 Saturated and trans fats increase levels more than cholesterol alone from food (see page 9).
Low-density lipoprotein (LDL or "Bad Cholesterol")	 A type of fat that coats the inside of arteries forming plaque High levels increase risk of heart disease. Doctors use LDL-Cholesterol as the most important indicator of heart disease. 	 Saturated fat and trans fats lead to high levels Soluble fibre helps to decrease levels.
High-density lipoprotein (HDL or Good Cholesterol")	 A type of fat which carries extra cholesterol away from the arteries The more you have, the better since HDL is good for your heart. 	 Too many trans or refined carbohydrates (for example, sugar, white bread) will decrease levels Weight loss, quitting smoking and exercise can help to increase levels.
Triglycerides	 The body's fat is stored in this form. High levels increase risk of heart disease 	 Alcohol, saturated and trans fats and sugar lead to high levels Weight loss and exercise help to decrease levels.

What are desirable blood fat levels*?

Yo	our Risk Category	Target Lipid Leve	Total Cholesterol	Your	
Level of Risk	Number of risk factors (see page 2)	LDL-C	DL-C HDL-C Male / Female		Levels
High	≥ 4 or already have heart disease or diabetes, coronary artery disease or peripheral vascular disease.	<2.0 or ≥50% ↓ in LDL	>1.03 / >1.3	n/a	
Moderate	2 to 3	<2.0 or ≥50% ↓ in LDL	>1.03 / >1.3	<5.0	
Low	0 to I	<5.0 or ≥50% V in LDL	>1.03 / >1.3	n/a	

^{*} Check with your doctor or health care professional about how many risk factors you may have and which category you fit into.

J Genest, R McPherson, J Frohlich, et al. 2009 Canadian Cardiovascular Society/Canadian guidelines for the diagnosis and treatment of dyslipidemia and prevention of cardiovascular disease in the adult – 2009 recommendations. Can J Cardiol 2009;25(10):567-579.

Rate Your Weight: Body Mass Index (BMI)

What is Body Mass Index?

Your Body Mass Index (BMI) is an objective scientific measure that uses your height and weight to determine what your ideal weight should be. The BMI table assigns each person a number from 12 to 63. BMI is a useful indicator of weight-related health risks and acceptable weight ranges.

- It is **not** appropriate for pregnant, lactating women, growing children or frail, inactive elderly.
- It does not take into consideration age, lean muscle mass (body builders, competitive athletes) or percentage of body fat.
- Calculate your BMI using the formula or the chart on page 5.

Calculate your BMI:

You can calculate your BMI using this formula:

- Divide your weight in pounds by 2.2 for kilograms.
- 2. Multiply your height in inches by 2.54 and divide by 100 for metres.
- 3. Input into the formula.

If your BMI is:

Under 18.5 = Underweight

- May be associated with health problems.
- Consult a dietitian or doctor for advice.

18.5 to **24.9** = **Healthy** weight

• Lowest risk of illness, the preferred range.

25 to 29.9 = Overweight

- May be fine for physically active individuals with high lean body mass.
- May be associated with health problems for others.

30 and over = Severely Overweight

- Increased risk of heart disease, high blood pressure and diabetes.
- Talk to a dietitian or doctor for advice.

If you are age 65 or over:

 Your BMI goal is under 30 or use healthy waist measurement on page 2. Obesity Class I = 30 to 34.9

Obesity Class 2 = 35 to 39.9

Obesity Class 3 = >40

For South Asians:

Healthy BMI= 17 to 22.9

Overweight BMI= 23 to 25



Rate Your Weight: Body Mass Index (BMI)

Body Mass Index (BMI) Chart

Look down the chart for your weight and across for your height. Your BMI is where the two points meet.

s)									Height	(feet,	inches)								
Weight (pounds)	4'10"	4'11"	5'0''	5'1"	5'2"	5'3"	5'4"	5'5"	5'6"	5'7"	5'8"	5'9"	5'10"	5'11"	6'0"	6'1"	6'2"	6'3"	6'4"
100	21	20	20	19	18	18	17	17	16	16	15	15	14	14	14	13	13	13	12
105	22	21	21	20	19	19	18	18	17	16	16	16	15	15	14	14	14	13	13
110	23	22	22	21	20	20	19	18	18	17	17	16	16	15	15	15	14	14	13
115	24	23	23	22	21	20	20	19	19	18	18	17	17	16	16	15	15	14	14
120	25	24	23	23	22	21	21	20	19	19	18	18	17	17	16	16	15	15	15
125	26	25	24	24	23	22	22	21	20	20	19	18	18	17	17	17	16	16	15
130	27	26	25	25	24	23	22	22	21	20	20	19	19	18	18	17	17	16	16
135	28	27	26	26	25	24	23	23	22	21	21	20	19	19	18	18	17	17	16
140	29	28	27	27	26	25	24	23	23	22	21	21	20	20	19	19	18	18	17
145	30	29	28	27	27	26	25	24	23	23	22	21	21	20	20	19	19	18	18
150	31	30	29	28	27	27	26	25	24	24	23	22	22	21	20	20	19	19	18
155	32	31	30	29	28	28	27	26	25	24	24	23	22	22	21	20	20	19	19
160	34	32	31	30	29	28	28	27	26	25	24	24	23	22	22	21	21	20	20
165	35	33	32	31	30	29	28	28	27	26	25	24	24	23	22	22	21	21	20
170	36	34	33	32	31	30	29	28	27	27	26	25	24	24	23	22	22	21	21
175	37	35	34	33	32	31	30	29	28	27	27	26	25	24	24	23	23	22	21
180	38	36	35	34	33	32	31	30	29	28	27	27	26	25	24	24	23	23	22
185	39	37	36	35	34	33	32	31	30	29	28	27	27	26	25	24	24	23	23
190	40	38	37	36	35	34	33	32	31	30	29	28	27	27	26	25	24	24	23
195	41	39	38	37	36	35	34	33	32	31	30	29	28	27	27	26	25	24	24
200	42	40	39	38	37	36	34	33	32	31	30	30	29	28	27	26	26	25	24
205	43	41	40	39	38	36	35	34	33	32	31	30	29	29	28	27	26	26	25
210	44	43	41	40	38	37	36	35	34	33	32	31	30	29	29	28	27	26	26
215	45	44	42	41	39	38	37	36	35	34	33	32	31	30	29	28	28	27	26
220	46	45	43	42	40	39	38	37	36	35	34	33	32	31	30	29	28	28	27
225 230	47 48	46 47	44 45	43 44	41 42	40 41	39 40	38 39	36 37	35 36	34 35	33 34	32 33	31 32	31 31	30 30	29 30	28 29	27 28
235	49	48	46	44	43	42	40	39	38	37	36	35	34	33	32	31	30	29	29
240	50	49	47	45	44	43	41	40	39	38	37	36	35	34	33	32	31	30	29
245	51	50	48	46	45	43	42	41	40	38	37	36	35	34	33	32	32	31	30
250	52	51	49	47	46	44	43	42	40	39	38	37	36	35	34	33	32	31	30
255	53	52	50	48	47	45	44	43	41	40	39	38	37	36	35	34	33	32	31
260	54	53	51	49	48	46	45	43	42	41	40	38	37	36	35	34	33	33	32
265	56	54	52	50	49	47	46	44	43	42	40	39	38	37	36	35	34	33	32
270	57	55	53	51	49	48	46	45	44	42	41	40	39	38	37	36	35	34	33
275	58	56	54	52	50	49	47	46	44	43	42	41	40	38	37	36	35	34	34
280	59	57	55	53	51	50	48	47	45	44	43	41	40	39	38	37	36	35	34
285	60	58	56	54	52	51	49	48	46	45	43	42	41	40	39	38	37	36	35
290	61	59	57	55	53	51	50	48	47	46	44	43	42	41	39	38	37	36	35
295	62	60	58	56	54	52	51	49	48	46	45	44	42	41	40	39	38	37	36
300	63	61	59	57	55	53	52	50	49	47	46	44	43	42	41	40	39	38	37

Protein Sources: Meat, Fish, Poultry

Meat is an excellent source of protein, iron, zinc and B vitamins. Meat is also a source of saturated fat and cholesterol.

- I. Use only lean cuts of meat with little fat or "marbling"
- 2. Remove all fat from meat and skin from poultry before cooking
- 3. Bake, broil, barbecue, grill, poach, steam, or stew; avoid frying
- 4. Include fish 2 to 3 servings per week.



Recommended: 2 or less servings daily. For example, I serving equals:

• 3 ounces (grams) cooked meat, poultry OR fish

· Size of a deck of cards



	Choose	Choose less often
Red Meat	 Lean beef or veal: round, flank, chuck, sirloin, tenderloin, ground, stewing Lean lamb: leg, loin, rib, shoulder Lean pork: tenderloin, chop, shoulder, back bacon Goat 	 Fatty cuts of meat: prime rib of beef, pork ribs, spare or short ribs Marbled meats Organ meats: liver, kidney, gizzard Side bacon, pig's feet, ham hocks Mutton
Fish	 Fresh, frozen, water packed, canned Flaked fish: salmon or tuna Oysters, scallops, clams, lobster, crab, shrimp (not fried) Sardines (drained of oil) 	 Commercially fried or battered fish Fish canned in oil or cream Caviar Salted dried fish Fried or deep-fried calamari
Poultry	Chicken and turkey with skin removedCornish hens	 Commercially fried chicken Poultry skins Duck, goose and self-basting turkeys Bombay duck
Cold Cuts (Low-Fat)*	 *Black forest ham, pastrami *Schneiders Lifestyle Products - any variety except bacon and mini sizzlers *Low-fat hot dogs Lean roast beef, turkey breast, chicken, roast pork 	 Montreal smoked meat, corned beef Sausages, salami, bologna, proscuitto, sopressata Patés Processed canned meats Mock chicken slices Regular hot dogs

^{*}These foods should be avoided if you are on a restricted salt diet.

Meatless Alternatives

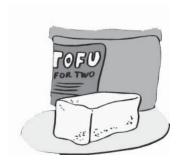
Legumes, eggs and tofu are good sources of protein and are low in fat. Include these as part of your 4 to 6 ounces of protein servings daily. Include nuts, seeds and nut butters as part of your fat servings daily.

Recommended: 4 to 5 servings weekly. For example, I serving equals:

- I/4 cup (60 ml) shelled nuts or seeds OR
- 1/2 cup cooked beans OR
- 1/2 cup tofu OR

- 2 tbsp nut butters OR
- I egg OR
- 2 egg whites

Choose	Choose less often
Omega eggs	Greater than one egg yolk per day
Egg yolks: maximum five per week	• Greater than 1/4 cup of nuts
• Egg whites, Break-free eggs® as desired	Greater than 2 tbsp of nut butters per day.
Tofu, legumes, dried peas, beans and lentils	
 Pecans, walnuts, sunflower seeds, cashews, almonds, pistachios and peanuts (don't eat all the time) 	



Fats

Some fats are high in Vitamins A and E.All butters, margarines and oils are 100% fat. Choose non-hydrogenated margarines and oils. These have less of the fats that maybe harmful to your heart.

Recommended: 3 to 6 servings daily. It is better to eat less fat; however, it is important to include them daily. For example, I serving equals:

• I tsp margarine OR

I tbsp seeds OR

• I tsp oil OR

• 2 tbsp nuts OR

• I tbsp low-fat mayonnaise OR

• 2 tbsp nut butters OR

• 2 tbsp light salad dressing OR

• 1/6 avocado

Note: nuts and seeds are also considered a fat.

Choose	Choose less often
Non-hydrogenated soft tub margarine	Butter, hard hydrogenated margarines, lard, shortening, cream cheese, ghee.
 Polyunsaturated vegetable oils: safflower, sunflower, corn Monounsaturated vegetable oils: olive, canola, peanut oil 	 Oils high in saturated fat: palm and coconut oils, peanut oil, lard, beef tallow, butter, bacon fat Foods containing palm and coconut oils such as cakes, cookies, muffins, potato chips, donuts, danishes and croissants
 Light mayonnaise Low-fat salad dressings Nuts and seeds Nut and seed butters: peanut, almond 	Regular mayonnaiseCreamy salad dressingsGravy, cream sauces, cheese sauces

Fat is an essential part of a diet. It provides fat-soluble vitamins. Be aware of types of fats.

Recommended: Consume more mono- and polyunsaturated fats than saturated fats.

	Types of Fats	Major Food Sources	Effects on the Body
ВАD	Trans Fats or Hydrogenated Fats ///	 Stick or hard margarines, vegetable oil shortening Hydrogenated vegetable oil, lard Processed commercial food, such as donuts, muffins, cakes, cookies Fried foods 	↑ LDL↓ HDL↑ Triglycerides
	Saturated Fats	 Animal fat - poultry skin Regular dairy products - butter, cheese Egg yolks Tropical oils - palm, coconut, cocoa butter 	↑ LDL ↑ Total Cholesterol
GOOD	Monounsaturated Fats	 Oils - canola, olive, peanut, soft margarine Avocados Nuts - almonds, pistachios, pecans, cashews, peanuts 	↓ LDL ↑ HDL
	Polyunsaturated Fats	 Oils - safflower, sunflower, soybean, sesame, corn, soft margarines (see below for examples) Nuts - walnuts, pine, brazil, chestnuts Seeds, such as sesame, sunflower 	*Health Canada recommends omega-3 fatty acids daily. Men: 1.6 g/day Women: 1.1 g/day
	Omega-3 Fatty Acids	 All seafood, fatty fish - salmon, trout, mackerel, herring, sardines, tuna, cod Oils - canola, flax, soy, walnut Nuts and seeds - walnut, flax, pumpkin, pine 	LDL Triglycerides Blood pressure Prevents blood clotting

What should I look for in a good margarine?

A **good** margarine:

- · Comes in a soft tub
- Is non-hydrogenated
- Has less than 2 grams of saturated fat per tablespoon
- Has zero trans fats
- Has up to 6 grams of polyunsaturated and monounsaturated fat in a 2 teaspoon (10 g) serving
- Has a food label
- · Has liquid vegetable oil as the first ingredient.

Best Brand Choices

- ✓ Becel®
- ✓ Olivina®
- √ Fleischmann's® non-hydrogenated
- ✓ Fleischmann's® 10% Olive Oil
- ✓ Blue Bonnet® soft spread
- ✓ Smart Balance® Light



Milk and Milk Products

All dairy products are **good** sources of protein, calcium, phosphorus, niacin, riboflavin, and vitamins A and D. Regular dairy products are high in saturated fat and cholesterol; choose lower fat products instead.

Look for MF, BF, or MG on labels. These tell you the percentage of milk fat by weight in a product. Choose the product with the lowest number.

Recommended: 2 to 3 servings daily. For example, 1 serving equals:

• 8 oz milk OR

• I oz cheese

• I cup yogurt OR

Choose	Choose less often
 I% or skim milk Buttermilk Non-fat or low-fat skim milk powder	 2% or whole milk or chocolate milk Evaporated or condensed milk
 1% or fat-free yogurt 1% cottage cheese, ricotta cheese 0 to 5% sour cream	Regular yogurt (2% MF or more)Regular cottage cheeseRegular sour cream
• Low-fat or light cheeses (7% MF = skim) (less than 17 to 20% MF = low-fat/light)	Regular cheeses (28 to 34% MF)Processed cheese
 Low-fat ice cream (1% to 8% MF) Sherbet and water ices Frozen yogurt (2 to 3% MF) 	Ice cream made with cream or whole milkRegular frozen yogurtRegular pudding
Skim milk or 1% milk puddings	Coffee and whipping cream







Fruits and Vegetables

Fruits and vegetables are excellent sources of **fibre**, **vitamin A** and **C**, **phytochemicals** and **minerals**. They are also low in fat, calories, sodium, and contain no cholesterol. If your triglycerides are high, limit your fruit juice consumption to 8 oz per day. Include some orange and citrus fruits as well as orange and dark green vegetables daily.



Recommended: 5 to 10 servings daily. For example, I serving equals:

Fruit:

- 4 oz juice OR
- I medium fruit OR
- I/4 cup dried fruit OR
- 1/2 cup fresh, frozen or canned fruits

Vegetables:

- 8 oz juice OR
- I cup raw vegetables OR
- 1/2 cup cooked vegetables

Choose	Choose less often
 Fresh or frozen fruits and vegetables Fruits packed in water or light syrup Dried fruits 	 Buttered, creamed or deep-fried vegetables Vegetables preserved in oil Canned fruits packed in heavy syrup Seville oranges® and tangelos, grapefruit and grapefruit juice (*Ask your pharmacist if you are on any medications) Avocados Coconut

A note about Vitamin K if you are on blood thinners or anticoagulant medicine:



Many green vegetables and other foods are high in vitamin K. If you are on anticoagulant medication (such as Coumadin®), speak to a dietitian about your diet. You **can** still include some green vegetables. The most important thing is to maintain consistency in your diet. **Do not** make major changes to your diet without talking to your doctor and dietitian first.

Grain Products

Breads and cereals are low in fat and cholesterol, but be careful what you add to them. They are also high in B vitamins, iron and fibre. To increase the fibre in your diet, choose whole grain breads, grains and cereals. Limit refined white breads, cereals and grains.

Recommended: 5 to 8 servings daily. For example, I serving equals:

- I slice of bread OR
- I small roll OR
- I six-inch Roti OR
- 1/2 small pita OR
- 1/2 small bagel OR

- 1/2 cup ready-to-eat cereal OR
- 1/2 cup cooked rice or pasta or cereal OR
- 6 small crackers OR
- 3 cups popcorn

Choose	Choose less often
Whole grain breads, buns, rolls, roti, chappatiEnglish muffins, pitas	 Croissants, egg and cheese breads, padura Foods that contain shortening, lard, hydrogenated vegetable oil as the first three ingredients
Brown rice, whole wheat pasta, barley, quinoa and other grains	Commercially-prepared, canned or boxed pastas such as alphagetti, ravioli, Kraft Dinner®, or Rice-a-Roni®
 Cereals with fibre, for example oatmeal, bran > 4 g/serving 	Sugar or honey coated cerealsGranola cereals
Lower fat crackers: animal, graham, saltines	Higher fat crackers: cheese, butter
 Angel food cake Plain cookies: arrowroots, honey graham, social tea, oatbran, ginger crisp, oatmeal Homemade muffins and cookies 	 Rich cakes, pies, pastries and donuts, sweet rolls, danish pastry Cream-filled and chocolate cookies Commercially-prepared biscuits, muffins Granola bars
Plain popcorn Light microwave popcorn	Potato chipsCheese, caramel and buttered popcorn

Fibre Facts

Fibre	Why is fibre good for you?
 Fibre is the part of a plant food that is not broken down or absorbed by our bodies There are two types of fibre: soluble and insoluble 	 Fibre makes you feel full, therefore, controls your appetite and may help you lose weight Fibre-rich diets help keep bowels in good working order High-fibre foods help lower blood cholesterol

Two Types of Fibre

	Soluble Fibre	Insoluble Fibre
What is it?	 Soluble fibre can help to lower blood cholesterol levels and controls blood sugar Controls hunger 	Insoluble fibre helps to keep your bowels working in good order
Sources:	 Oats, oat bran, oatmeal Barley, rye Psyllium (All Bran Buds® with psyllium) Legumes: red/green lentils, chickpeas, kidney beans, white beans, romano beans, split peas, soy beans Pectin-rich fruits: apples, berries, prunes, citrus, melon, pears Vegetables: eggplant, persimmon, carrots, okra, broccoli, corn, squash, asparagus, peas 	 Wheat bran, wheat bran cereals, whole wheat flour Whole grain breads (dark breads like rye or pumpernickel) Whole grain cereal, pasta, and brown rice Fruits and vegetables with skins and seeds NOT fruit juice

How much fibre do you need?

- It is recommended that you have 25 to 35 g of fibre daily.
- Slowly increase the amount of fibre in your diet and drink plenty of fluids (6 to 8 cups) to avoid short-term bloating, gas, and other discomfort.
- Increase by **5 g** per day each week to reach your goal.

Read the label!

- Choose foods with greater than 2 g of fibre
- For more information, refer to page 14.



Tips to Increase Fibre in Your Diet

- Have a fibre-rich cereal (4 to 6g of fibre) such as Oat Bran®, Bran Flakes®, Shredded
 Wheat®, or oatmeal. Another way to add fibre is to add a scoop of high-fibre cereal to your regular cereal for breakfast, such as Bran Buds® with psyllium
- Add fresh or dried fruits to your cereal such as pears, raspberries, apples, oranges, nectarines, bananas, or raisins. Eat them unpeeled, whenever possible
- Choose high-fibre everyday foods such as: lowfat bran or oatmeal muffins, whole grain breads, whole wheat pasta, or brown rice. Make gradual changes by mixing white pasta, rice or flour with high-fibre versions
- Substitute bran whenever a recipe calls for bread crumbs
- Boost salads with carrots, apples, dried fruits, raw broccoli, cauliflower, tomatos, beans, or lentils
- Add more vegetables, beans, lentils, and natural bran to casseroles, soups, and stews
- Include a legume dish in your diet at least once a week
- Snack on fibre-rich foods such as bran muffins, carrots, apples, nuts, and seeds
- Try **Dempster's Original White Bread**® with fibre if you still do not like whole grain breads.

Fibre sources

More than 6 g fibre - a very high source

½ cup high fibre bran cereal

1/2 cup cooked legumes (dried peas, beans, and lentils,

kidney beans, chick peas)

½ cup baked beans

½ cup dried fruit

½ cup sesame, sunflower seeds

½ cup nuts

½ cup shelled peanuts

I cup whole-wheat/rye/oat bran flour

4 to 6 g fibre - a high source

medium baked potato with skin
medium apple or pear with skin

1/2 cup raspberriesI cup barley

½ cup green peas, snow peas, lima beans, white beans

1/2 cup sweet potato (yam)
1/2 cup blueberries, strawberries

5 dried figs

½ cup white beans, peas

2 to 4 g fibre - a source

½ cup broccoli

½ cup most vegetables, brown rice

10 (1-2 g) shelled almonds
I medium citrus fruit, oranges
I slice whole grain, rye bread

I cup melon

5 prunes, dates
½ cup whole wheat pasta

I medium banana, apple, papaya, mango, kiwi

1/2 cup carrots 1/2 cup tofu 50 mL raisins

Sample Menu with 27 g of Fibre

Breakfast

I medium banana

I cup Multigrain Cheerios®

1/4 cup All Bran cereal/Buds®

I cup low fat milk

8 g

Lunch

2 slices of rye bread

I medium tomato, sliced

½ cup tuna

I medium carrot

I apple

I cup low-fat yogurt

I tbsp light mayonnaise

IO g

Dinner

I (3 to 4 oz) meat/fish/poultry

I cup brown rice

½ cup peas

I cup salad

I medium orange

I cup low fat milk

2 tbsp salad dressing or 2 tsp oil

9 g

Sweets

Patients who are overweight, have diabetes or have high triglycerides should limit their sugar intake.

Recommended: Up to 5 servings weekly. For example, I serving equals:

I tbsp sugar OR

• 8 oz drink crystal juice

• I tbsp jelly or jam OR

Choose	Choose less often
Sugar substitutes and artificial sweeteners (examples: sorbitol, saccharin, aspartame)	White sugar and brown sugarIcing sugar
Diet jams or jellies	• Jam, jellies, marmalade
Diet syrupsDiet Jello® or puddings	 Syrups – honey, maple, corn, molasses Ice cream, sherbet, diet ice cream, ice milk, popsicles
 Diet pop Sugar-free drinks such as Crystal Lite®, sugar-free Kool-Aid® or light juices 	Regular pop Instant breakfast drinks
Sugarless gumCandies made with sugar substitutesBaked goods made with sugar substitutes	 Candies, gum, marshmallows, licorice Baked goods – cakes, pies, cookies, etc. Sugar or honey coated cereal

Other words that mean "sugar":

- Glucose, dextrose, sucrose, fructose, inverted sugar, honey, dextrin, sorbitol, mannitol, xylitol
- Ingredient words ending in "ose" or "ol" also mean sugar.



Alcohol

Moderate alcohol consumption of one serving/day for women and two servings/day for men is acceptable. If triglycerides are high, avoid alcohol. If you are trying to lose weight, limit alcohol intake to 2 to 3 servings per week, or less. Alcoholic beverages supply calories and little to no nutrients.

For example, I serving equals:

- 5 oz glass of wine
- 1.5 oz of liquor.
- I bottle or I2 oz beer,

Tips:

- Make every second drink a non-alcoholic one
- Add more juice or soda water to alcohol to make your drink last longer



Hold the Salt!

Sodium is naturally found in most foods. Sodium helps to control fluid levels in the body. Too much salt in the diet can lead to fluid retention in some people. Excess fluid makes the heart work harder and can lead to high blood pressure.

Limit your intake of salty foods, such as the following:

- Processed, smoked, salted, cured and pickled meats, fish, and poultry. Examples: bacon, wieners, corned beef, sausages, sardines, and luncheon meats.
- Processed cheese slices, and cheese spreads, such as Cheese Whiz®
- Commercially prepared sauces and condiments such as **Ketchup®**, soya sauce, chili sauce, prepared mustard, **Worcestershire sauce**, steak sauce, and salad dressings
- Salted snacks such as salted peanuts, salted pretzels, and potato chips
- Pickled or brine-cured vegetables such as sauerkraut and pickles
- · Canned soup and dried soup mixes
- Seasoning salts and meat extensors such as MSG, OXO® or bouillon cubes

Tips to lower your salt intake - Less than I tsp (2400 mg) per day

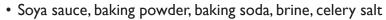
- Do not add salt to foods at the table
- Cook with small amounts of salt each day (1 tsp per day)
- Double the marinating time for poultry and meat
- · Increase the amount of spices and herbs in recipes
- Prepare foods with sodium-free spices such as basil, bay leaves, garlic, curry, ginger, mint, lemon juice and vinegar
- Include more vegetables and fruits in your day eat them as snacks
- With long cooking dishes, reserve 1/4 of the seasonings to add during the last 10 minutes of cooking.

Read the label!

Read food labels and choose products with less than 200 mg of sodium per serving.

Recommendation:

Avoid foods that contain any of the following words as the <u>top</u> three ingredients on the food label:



- Sea salt, monosodium glutamate (MSG), salt/Na
- Sodium benzoate, sodium bicarbonate, sodium alginate
- Sodium hydroxide, sodium nitrate, disodium phosphate

Talk to your doctor before using salt substitutes. Many are made with potassium chloride.

Try: Mrs. Dash® **or McCormicks**® pre-blended herbal shakers or make your own blend to shake and season.



How to Flavour Your Foods Without Salt

Proteins	Flavours to Try:	
Beef	Bay leaf, dry mustard powder, green pepper, marjoram, fresh mushrooms, nutmeg, onion, pepper, sage, thyme, instant minced onion, ginger, garlic powder, dill, allspice, clove, cinnamon, oregano	
Poultry	Green pepper, lemon juice, marjoram, fresh mushrooms, paprika, parsley, poultry seasonings, sage, thyme, rosemary, tarragon, onion and garlic powder, cumin, bay leaf, saffron, ginger, curry powder	
Fish and Seafood	Bay leaf, curry powder, dry mustard powder, green pepper, lemon juice, marjoram, fresh mushrooms, paprika, cumin, oregano, parsley, garlic powder, cilantro, ginger	
Lamb	Curry powder, garlic, mint, mint jelly, pineapple, rosemary	
Pork	Apple, applesauce, garlic, onion, sage, caraway, paprika, thyme, dry mustard, sage, oregano, bay leaf, anise, ginger	
Veal	Apricot, bay leaf, curry powder, ginger, marjoram, oregano	
Starches	Flavours to Try:	
Potatoes	Green pepper, mace, onion, parsley, dill, parsley flakes, caraway, chives	
Rice	Chives, green pepper, onion, paprika, parsley, cumin, curry powder, ginger, coriander, cinnamon, cardamom, cloves	
V egetables	Flavours to Try:	
Asparagus	Garlic, lemon juice, onion, vinegar	
Green Beans	Marjoram, rosemary, caraway, dry mustard, dill, lemon juice, nutmeg, pimento	
Carrots	Cinnamon, nutmeg, ginger, onion powder	
Corn	Green pepper, pimento, fresh tomato, dill, onion powder	
Cucumbers	Chives, dill, garlic, vinegar	
Greens	Onion, pepper, vinegar	
Peas	Green pepper, mint, fresh mushroom, onion, parsley	
Tomatoes	Basil, marjoram, onion, oregano, rosemary, cinnamon, ginger	
Fruits	Flavours to Try:	
Apples	Cinnamon, allspice, nutmeg, ginger, curry powder	
Bananas	Allspice, cinnamon, nutmeg, ginger	
Peaches	Coriander, mint flakes, cinnamon, ginger	
Oranges	Cinnamon, cloves, poppy, onion powder	
Pears	Ginger, cardamom, black or red pepper, cinnamon	
Cranberries	Allspice, coriander, cinnamon, dry mustard	
Strawberries, Kiwi	Cinnamon, ginger, black pepper, nutmeg	

Cooking Low-Fat

A low-fat diet can be fun, nutritious, and delicious. Try to modify some of your favourite recipes using these alternatives and suggestions.

Choose	Choose less often	
• 250 mL skim or 1% or 2% milk	250 mL homogenized milk, cream, malted milk	
250 mL blended low fat cottage cheese	• 250 mL cream cheese, high fat ricotta	
250 mL low fat yogurt/sour cream/blended low-fat cottage cheese	250 mL regular creams, sour cream, chip dips	
• 250 mL non-hydrogenated margarines	• 250 mL butter, hard margarines	
Olive oil/canola oil sprays	Oils high in saturated fats, lard shortening	
• 2 egg whites or 60 mL egg substitute	I egg (including yolk)	
Low-fat cheese (<17% MF/BF)	• >17% MF/BF cheese	
 Applesauce, plain low-fat yogurt, fruit purée (for ½ the fat in the recipe) 	Margarine, butter, oil, shortening	
Meal Tips:		
Tomato sauce, salsa	Cream sauces	
Lean beef, pork, chicken, fish packed in water	Fatty cuts of meat (mutton, spareribs, regular processed meats) poultry skin, meat drippings, fish packed in oil	
Back bacon	Side bacon	
• Broth	Gravy	
Small whole wheat bagels, crumpets, English muffins	 Commercial croissants, pastries, buttery garlic bread, muffins, doughnuts 	
Low-fat/air-popped popcorn, pretzels	Corn/potato chips, large amounts of nuts	

Cooking Techniques

- Choose recipes that require baking, broiling, roasting, barbecuing, steaming, poaching. Choose frying/deepfrying less often.
- Steam-fry in tomato juice, bouillon, or chicken stock.
- Use a cooking rack and discard the drippings.
- "Cream sauces" can be made with low-fat milk, margarine and flour.
- Fat-free soup thickener: puréed cooked vegetables (squash, potatoes), noodles, legumes, rice or barley.
- Blend your own salad dressings by adding juices or sugar, or use flavoured vinegars alone.

- Experiment with herbs and spices when reducing the fat content in recipes.
- · Use non-stick baking and frying pans or woks.
- Remove all visible fat from meat before cooking. De-fat your soup stocks and gravies by refrigerating them and skimming off the solid fat (saves 100 calories per tablespoon).
- Use lean meats.

Nutrition Claims

Cholesterol and Fat

Claim	What It Really Means
Low in saturated fat	No more than 2 g saturated fat per serving No more than 15% of calories from saturated fat
Trans fat-free	No more than 0.2 g per serving
Lower/ reduced trans fat	At least 25% less trans fat than a similar product
Low in fat	No more than 3 g of fat per serving
Fat-free	No more than 0.5 mg of fat per 100%
Cholesterol- free	No more than 2 mg per serving Must qualify as "low in saturated fat"
Low in cholesterol	No more than 20 mg cholesterol per 100g and per serving Must qualify as "low in saturated fat"
"Extra-lean"	No more than 7.5% fat by weight
"Lean"	No more than 10% fat by weight
"Medium"	No more than 23% fat by weight
"Regular"	No more than 30% fat by weight, 50 kcal from fat

Dietary Fibre

Claim	What It Really Means
Very high source of dietary fibre	At least 6 g of fibre per serving
High source of dietary fibre	At least 4 g of fibre per serving
Source of dietary fibre	At least 2 g of fibre per serving

Calories and Sugar

Claim	What It Really Means
Calorie- reduced	At least 25% less calories than a similar product
Low-calorie	120 calories per 100 g for prepackaged food No more than 40 calories per serving or 30 g or less Must qualify as "calorie-reduced"
Calorie-free	No more than I calorie per 100 g
Sugar-free	No more than 0.5 g of sugar per 100 g No more than 1 calorie per 100 g
No sugar added/ unsweetened	No sugar is added and none of the ingredients contain a significant amount of sugar
Low in sugar	No more than 2 g of sugar per serving

Salt and Sodium

Claim	What It Really Means			
No added salt/ unsalted	No salt added None of the ingredients contains a significant amount of salt			
Salt-free/ sodium-free	No more than 5 mg of sodium per serving			
Low salt/low in sodium	25% less sodium than regular product No more than 140 mg of sodium per 100 g			

NOTE: "Light/Lite" can describe a product's FAT or CALORIE content or must describe what makes the food "light" (i.e., light in colour)

Source: Health Canada

Using Food Labels

Reading and understanding food labels will allow you to make heart healthier choices when grocery shopping. You will find three different types of information on the food label:

- 1. **Nutrition Claims** Are optional government regulated statements made when a food meets a certain criteria. It will always be accompanied with nutrition information in Canada
- 2. **Ingredient List** Ingredients are listed in descending order by weight. This is also useful if you have food allergies or specific dietary needs. Found on all food packages in Canada

3. **Nutrition Facts** - Are required on all packaged and pre-packaged foods. It provides the nutritional details of the food item.

Per Serving:

Nutrition information is based on this serving size. Multiply or divide based on your portion.

Fat:

Carries vitamins and is a source of energy.

- Provides 9 calories per gram
- Look for food that has <5% DV

Polyunsaturates and Monounsaturates:

A valuable source of essential fatty acids.

- Lowers blood cholesterol levels
- The greater these amounts of fats, the better

Saturates:

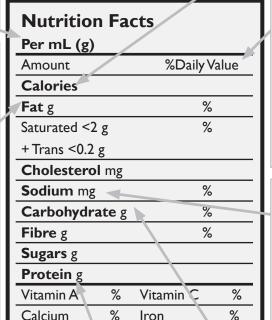
- Raise blood cholesterol levels, which is a risk factor for coronary heart disease
- Look for foods low in saturated fat
- Look for food that has <10% DV

Trans Fats

- Raise "bad" cholesterol levels, which is a risk factor for coronary heart disease
- Look for foods that are nonhydrogenated (therefore low in trans/hydrogenated fats or shortening)

Cholesterol:

- · Found in animal products only
- Limit to <300mg/day
- Look for food that has <5% DV



Calories:

The fuel you need to function. It is measured in calories (kcal) and kilojoules (KJ), the metric equivalent.

(1 kcal = 4.2kJ)

% Daily VALUE (DV):

The Daily Value gives a context to the actual amount. It indicates if there is a lot or a little of the nutrient in a serving of food. It also makes it easier to compare foods. They are based on recommendations for a healthy diet.

 Eat a variety of foods to meet 100% of your daily requirements.

Sodium/Potassium:

Play a role in regulating blood pressure **Sodium:** linked to raising blood pressure

- Limit to 2400mg per day
- Look for foods with less than 200mg of sodium per serving

Potassium: positive role in blood pressure regulation

Protein:

Provides the building blocks of the body.

- Found mainly in meats, poultry, fish, eggs, dairy products, legumes
- Provides 4 calories per gram

Carbohydrates:

A source of energy

• Provide 4 calories per gram

Fibre:

A diet high in fibre has many health benefits

- Aim for 25 to 35 grams of dietary fibre per day
- Look for food that has >15%

Sugars and Starch:

Include naturally occurring sugars in fruit and milk as well as added or refined sugars, therefore, it is easy to see how much added sugar you are getting from foods that have little or no naturally occurring sugar (i.e. soft drinks, pastries)

Aim to limit <u>added</u> sugars to 40 grams or I teaspoon/day

Source: Health Canada

Healthy Snack Ideas and Celebration Tips

Healthy Snack Ideas

The following are low-fat and low-calorie snacks that can be part of a healthy diet:

- Low-fat yogurt or frozen yogurt (1% MF or less)
- Air-popped or light microwave popcorn with little or no margarine (2 g fat or less per serving)
- Baked potato crisps or baked tortilla chips, pretzels
- Frozen fruit bars
- Fresh fruit or fruit kabobs
- Vegetable sticks (with or without 1% MF yogurt dip)
- Plain biscuits: Arrowroot®, social tea, graham wafers
- Soda crackers, breadsticks, rice cakes, melba toast
- Low-fat cheese and crackers
- Cereal (2 g fat per serving) with low-fat milk, or cereal alone
- Homemade low-fat muffins (2 g fat per serving)
- · Whole grain toast with jam
- Homemade bagel slices or pita triangles dipped in salsa or tzatziki sauce
- Freezies or popsicles made with artificial sweetener
- Crispy Minis® or Christie's Crunchers®

Tips for Celebrations*

Celebrations can be difficult for most people with tempting, high fat foods everywhere they look.

Occasional indulgences are a part of life, but the key is to choose foods wisely.

- Eat a healthy snack before you leave for the party.
- If it is a potluck party, bring a healthy choice such as vegetables and low-fat dip, fruit platter, sushi or a lowfat fruit dessert.
- Instead of gravy made from drippings, use cranberry sauce, fruit chutney, salsa or low-fat gravy from a mix.
- Take only small servings of high-fat desserts.

If you are having the party:

- Replace fat in stuffing with homemade stock.
- Add high-fibre foods such as brown rice or whole wheat bread to your stuffing.
- Avoid self-basting turkeys, which have fat injected.
 Make your own low-fat basting solution.
- Add a vegetarian dish to your menu for added variety.
- Make salads, vegetables and grains a focus of your meal.

Have fun! It's a party!



*Information adapted from "Heart Healthy Tips for Celebrations" by the Dial-a-Dietitian Nutrition Information Society of B.C.

Dining out the Healthy Way

Eating out can be nutritious and delicious!

Choose	Choose less often
Grilled hamburgers	Hamburgers with special sauces, bacon, cheese, extra patties, regular mayonnaise
Grilled chicken breast, kabobs	Fried, breaded chicken or chicken burgers
Grilled, steamed, poached fish	Fried, breaded fish or fish burgers
Baked potatoes	 Baked potatoes with bacon bits, cheese, regular sour cream French fries, onion rings
Pizza with vegetables	Pizza with more than one meat topping, double cheese, olives
 Whole wheat sandwiches with lean cold cuts. Use mustard instead of butter, margarine or mayonnaise 	Sandwich fillings and salads with regular mayonnaise
Low-fat salad dressings like vinaigrettes	Creamy dressings
Broth-based soups, vegetable soups	Cream soups, gravies
Pasta with tomato-based sauces	Pasta with cream sauces
Steamed rice, noodles	Fried rice, fried noodles, egg rolls
Angel food cake, fruit, sherbet	High-fat desserts: cakes, pies, ice cream, pastries

Look for "low-fat" words in the menu:

• Steamed, in it's own juice, au jus, broiled, grilled, barbecued, poached, roasted, tomato sauce, marsala, marinara.

Avoid "high-fat" words in the menu:

• Buttered, cream, in its own gravy, hollandaise, bearnaise sauce, sautéed, fried, pan-fried, crispy, battered, breaded, au grain, parmesan, cheese sauce, marinated in oil, casserole, hash, pot pie.

Questions to ask your server:

- 1. Can the sauce or salad dressing be served **separately**? (allows you to control how much you eat)
- 2. Can margarine/olive/canola oil be used **instead** of butter in the food and in preparing the meal?
- 3. How is the food prepared? (look for "low-fat" words as described on this page)
- 4. Can high-fat side dishes as french fries be **substituted with low-fat ones** such as a salad, rice, vegetables, or a baked potato?

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