

### Ice Breaker

- Introduce yourselves-what's your name? Tell us a bit about
- What are your expectations of today?





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### What is the Highland Primary Care Network?

- A group of family doctors who work together with the Highland Health Team (Nurses, Social Workers, Dietitian, Kinesiologist, Pharmacist & Provisional Psychologist)
- Covers area from Airdrie to Didsbury. Each doctor's office or medical home has a Nurse and Social Worker attached.



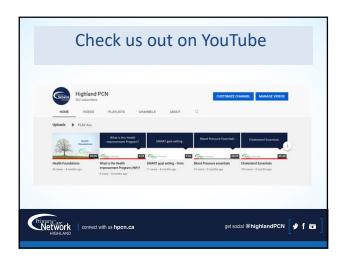
Primary Care
Network | connect with us hpcn.ca

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### What is the Health Improvement Program?

- Guides individuals who are ready to take their health in their own hands and improve their quality of life.
- A variety of group classes you can choose what you would like to take when
- Flexible schedules
- Option of 1:1 visits in the medical home (phone/virtual)





# Today's Agenda Benefits to Heart Healthy diet Cholesterol Profile: What the numbers mean Heart Healthy Diets 4 F's and low sodium Mediterranean, DASH Other lifestyle factors: smoking and activity Blood Pressure

# What is in it for me? Living Healthy If we are engaging in healthy behaviors, we can do the things we love with the people we love for longer You are invited to think about the people and activities you love to do and think about what motivates you to invest in your health

# What are the benefits of a heart healthy lifestyle? 8 out of 10 incidents of premature heart disease and stroke are preventable with lifestyle. Activity Count Smoking Lowers risk of heart disease and stroke Lowers risk of heart disease and stroke Convect with us hpen.ca Get social @highlandPCN I To To The Convect with us hpen.ca

Cholesterol: Factors we cannot control
<ul> <li>Family history</li> <li>Age, Gender, Race</li> <li>Pre-existing conditions such as diabetes, liver or thyroid disease</li> <li>Metabolic syndrome</li> </ul>
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### Who should get checked?

### Canadian guidelines recommend having your cholesterol tested if you:

- Are over 40 years of age
- Have heart disease, diabetes or high blood pressure
- Have a <u>waist circumference</u> greater than 94 cm (37 inches) for men and 80 cm (31.5 inches) for women
- · Smoke or have smoked within the last year
- Have erectile dysfunction
- Have a family history of heart disease or stroke



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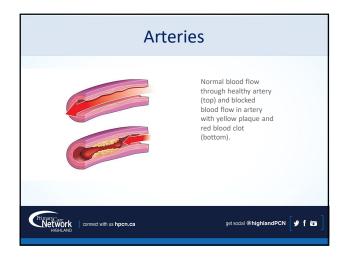
### Cholesterol

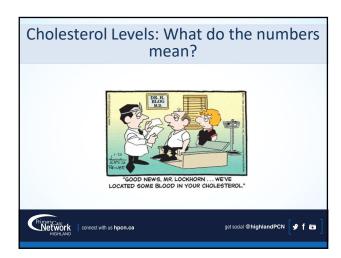
- A waxy substance in blood
- · Two main types HDL and LDL
- · Important functions
  - Cell membranes
  - Nerve tissues
  - Certain hormones

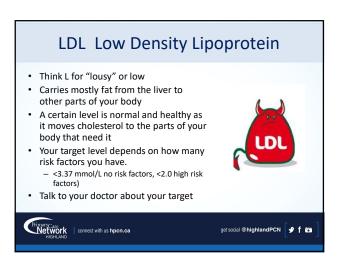


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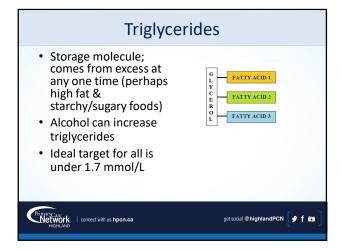
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# HDL High Density Lipoprotein • Known as HDL or 'healthy' cholesterol as keeps vessels clean • Sweeps LDL back to the liver to be removed by the body • May be increased/ maintained with exercise, Omega 3's and fibre • Decreases with smoking Target is greater than 1 mmol/L





### What can we do to prevent high blood pressure and high cholesterol? • Stress Reduction • Active Living • Healthy Eating • Moderate or no Alcohol • Absence of Tobacco



# Sustained Stress: Detrimental to health Stress (activation of sympathetic NS – "fight or flight") body is flooded with sugar and cholesterol. Linked to high blood pressure, high cholesterol and higher blood sugar eventually impaired glucose/Diabetes Also body under stress tends to store calories.





### **Physical Activity**

- Adults: aim for 30 mins 5x/week of aerobic activity and 2-3 days of strengthening exercises
  - Pace yourself and work up to the guidelines
  - Can be broken up into smaller pieces throughout the day
  - Aim to work at a moderate intensity
  - Try and reduce sedentary time



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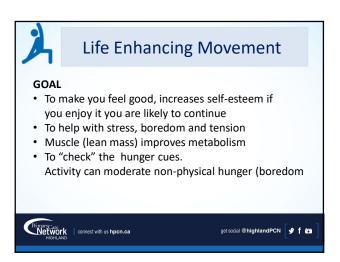


### **Getting Started**

- Many ways to be active, important to find things you enjoy!
- What is motivating you to be more active? Or What is stopping you?
- Plan ahead (what/when/where)
- Try 5:60 strategy
- Fit small bouts of activity into your day (eg: Take the stairs, walk after eating, park farther away)







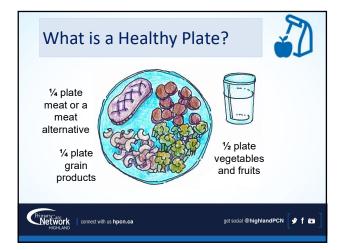




### **Healthy Eating Basics**

- · Try to eat within two hours of waking
- Try not to go more than 4-6 hours without a meal or snack
- The key is balance
- Choose a minimum of 3 of the 4 food groups at each meal!
  - Aim for 1-2 for snacks













### Unsaturated fats: The Good

Polyunsaturated fats can lower bad cholesterol levels (LDL cholesterol.)

- Sources: safflower, sunflower and corn oils, nonhydrogenated margarine and nuts such as almonds, pecans, brazil nuts and sunflower seeds.
- Oils rich in PUFA provide essential fat:
- Omega-3: which can help prevent clotting of blood, reducing the risk of stroke and also helps lower triglycerides
- Omega 6: Caution with too high, processed foods (eg salad dressing)



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### Omega 6



- Omega-6. It helps lower LDL cholesterol, but in large amounts it's thought to contribute to inflammation and to lower the good HDL cholesterol. Eat it in moderation.
  - Found in prepared meals (think boxes, bags dressings etc).



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### Omega 3's

- Salmon
- Trout
- Herring
- Char
- Sardines
- Mackerel

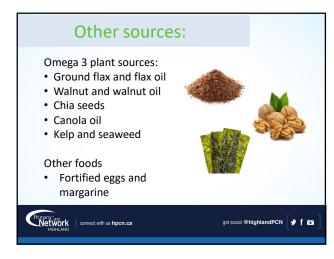






Aim for 2 servings/week









### Tips to avoid trans-fats Use a non hydrogenated margarine. Home baked goods vs store bought. Choose 0g of trans fats on label Total Fat 12g Sadurated Pat 3g Trans Fat 0g Sodium 470mg Properties of the store of the store

# Focus on good fats • Use lean cuts of meat • Use small amounts of canola oil and olive oil in cooking • Trim fat from meat and watch portion • Remove skin from poultry • Avoid processed meats • Try a meatless meal once/week (lentils, dried beans and tofu)



### What about dietary cholesterol?

- Have less impact on blood cholesterol than saturated and trans fats.
- Dietary cholesterol is found in egg yolks, organ meats, full-fat dairy products and processed meats.



\*If your cholesterol is very high, it may be prudent to limit to 4 egg yolks a week



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### **Fiber**



- Fibre is our friend.
- Acts like a sponge cleaning the body as it moves through the body.
- Lowers your risk of heart disease.
- Improves cholesterol levels



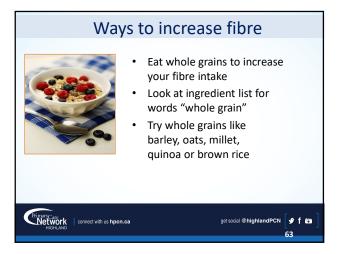
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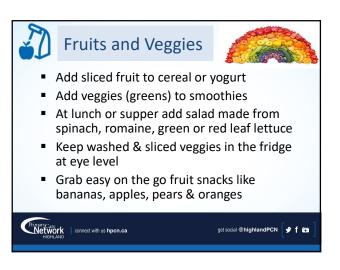
### Fibre

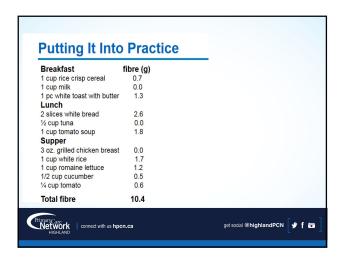
- Helps lower LDL (bad) cholesterol
- Helps control blood sugar levels
- Found in:
  - vegetables, fruits
  - whole grain breads cereals and pastas, wheat bran
  - oats, barley, psyllium, quinoa, millet
  - beans and lentils



## How much fibre do we need? Eating high fibre foods may help you feel full for a longer time, helping to control appetite. Increase fibre slowly Increase fluids Nuts and seeds Vegetables and fruit Vegetables and fruit Vegetables and fruit Ordect with us hpcn.ca





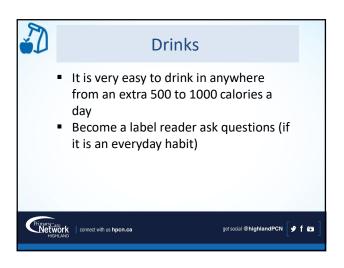


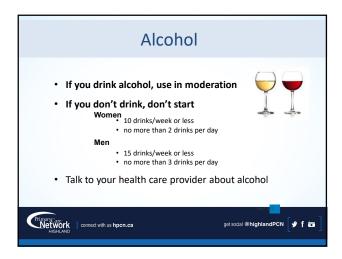






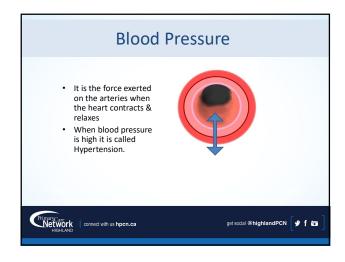


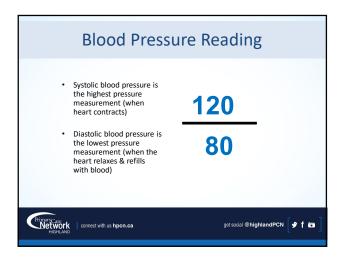


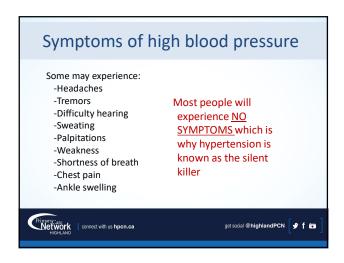






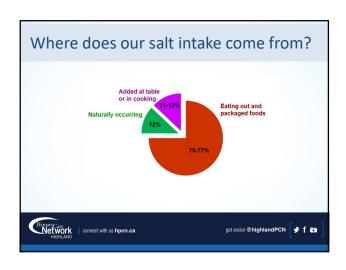








## How much sodium? • Between 1500mg and 2300mg from food, cooking and at the table Check Correct with us hpcn.ca get social @highlandPCN I f get social @highlandPCN



Guess – how much salt?	
Menu Item	Sodium (mg)
Breakfast Egg Sandwich	840
Chicken Caesar Salad	570
12" Pepperoni Pizza	5960
Deluxe Cheeseburger & Medium Fries	1910
Fried Chicken Dinner	2280
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