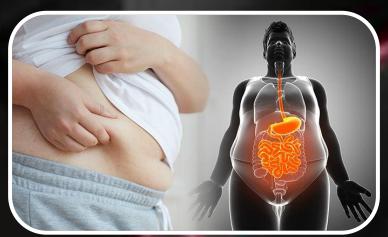


### What is fat?

Fat is a natural oily or greasy substance occurring in animal bodies, especially when deposited as a layer under the skin or around certain organs.

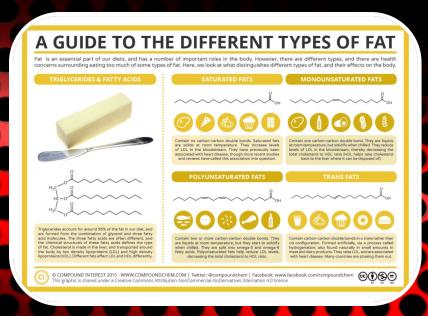




### Different fats found in food.

- 1. Trans fats
- 2. Saturated fats
- 3. Monounsaturated fats
- 4. Polyunsaturated fats
- 5. Fatty acids





### Where are most fats found?

Fats not only exist in the body but also in all animals that we as human costume. Also we can find them thought they are just in about all of our food like chips nuts ice cream etc...





## Three reasons why our body needs fat.

Dietary fats are essential to give your body energy and to support cell growth. They also help protect your organs and help keep your body warm. Fats help your body absorb some nutrients and produce important hormones, too. Your body definitely needs fat.



# What is an essential fatty acid?

Essential fatty acids are fatty acids that humans and other animals must ingest because the body requires them for good health but cannot synthesize them.





### 2 essential fatty acids our body needs.

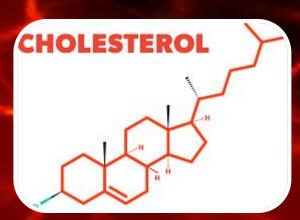
Only two fatty acids are known to be essential for humans: alpha-linolenic acid (an omega-3 fatty acid) and linoleic acid (omega-6 fatty acid).

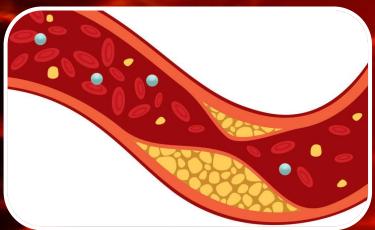


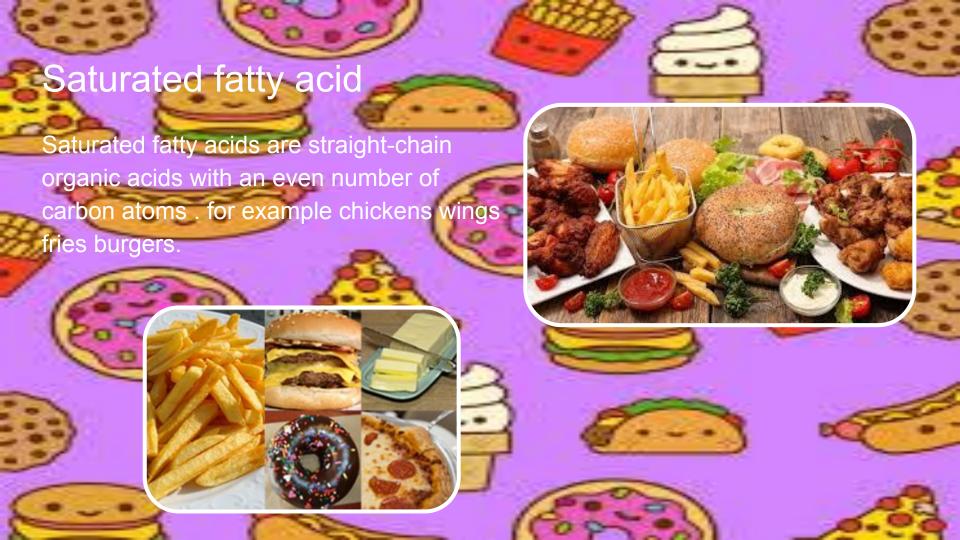


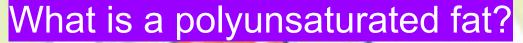
#### What is cholesterol?

Cholesterol is a waxy, fat-like substance that's found in all the cells in your body. Your body needs some cholesterol to make hormones, vitamin D, and substances that help you digest foods.









Polyunsaturated fats are fats in which the constituent hydrocarbon chain possesses two or more carbon–carbon double bonds. Found mostly in nuts, seeds, fish, seed oils, and oysters.







# What is hydrogenation?

Hydrogenation is a process in which a liquid unsaturated fat is turned into a solid fat by adding hydrogen. ... Partially hydrogenated oils can affect heart health because they increase "bad" (low-density lipoprotein, or LDL) cholesterol and lower "good" (high-density lipoprotein, or HDL) cholesterol.

WHATIS

OF OILS?

HYDROGENATION



### What is BMI and what does it determine?

Body Mass Index (BMI) is a person's weight in kilograms divided by the square of height in meters. A high BMI can be an indicator of high body fatness. BMI can be used to screen for weight categories that may lead to health problems but it is not diagnostic of the body fatness or health of an individual







