FOOD AND HEALTH PROJECT

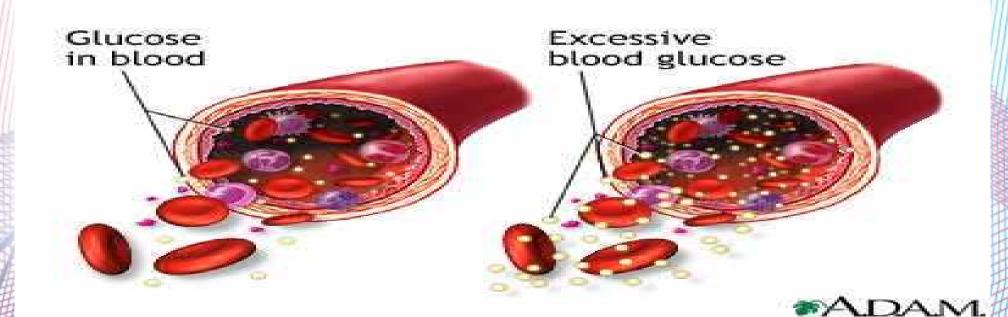


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WHAT IS DIABETES?

- Diabetes means too much sugar (glucose) in the blood.
- Sugar comes from the food we eat, like bread, fruit, starchy vegetables and dairy items.
- Sugar is used by the body for energy.

Your goal is to maintain normal blood glucose levels





Types of diabetes

Type 1 diabetes



- Lack of insulin
- Autoimmune
- Usually children

Type 2 diabetes



- Insulin resistance
- Lifestyle factors
- Usually adults

Gestational diabetes



- Insulin resistance
- During pregnancy
- Risks to mother and child





Type 1 Diabetes

Usually occurs in CHILDREN

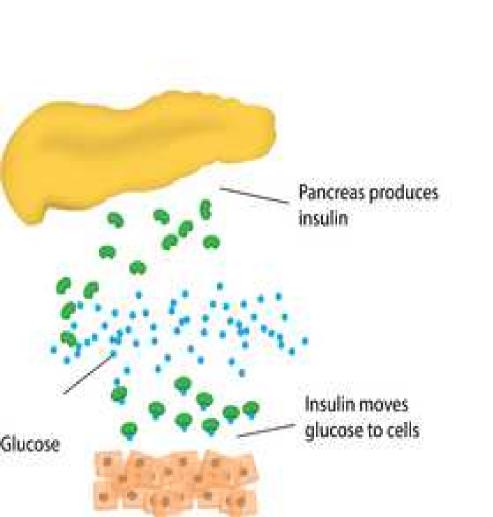
The pancreas can't make enough insulin

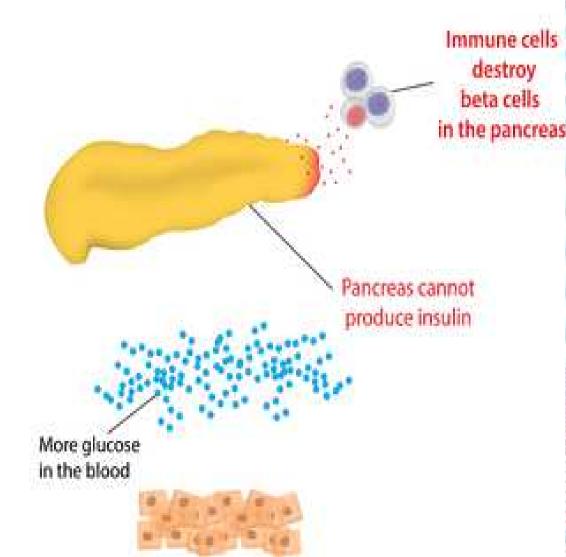
It may be caused by GENETICS

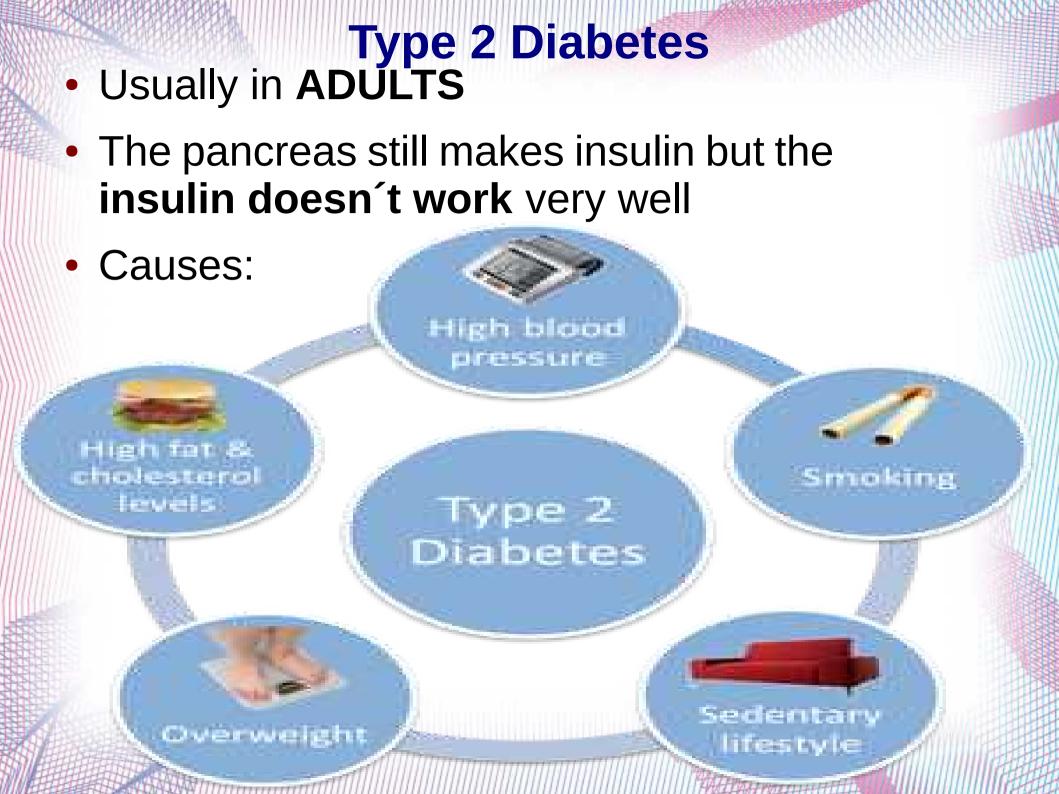
Type 1 Diabetes

Healthy

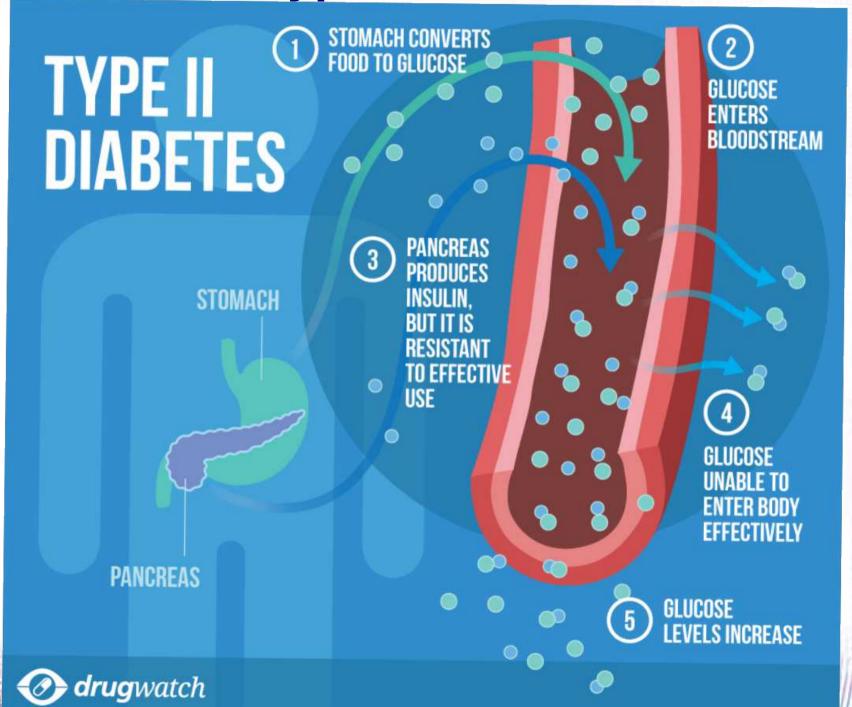
Diabetic







Type 2 Diabetes



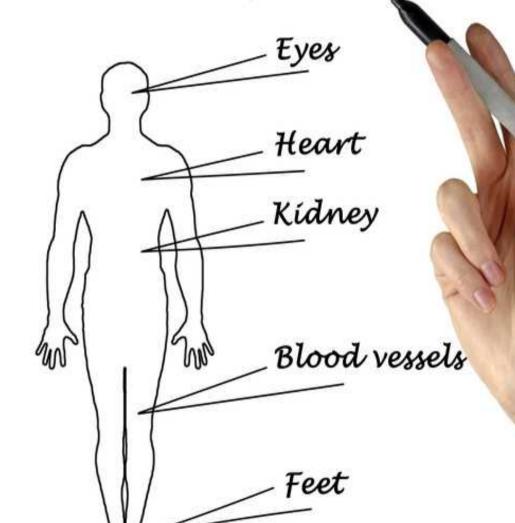
Díabetes Rísk Factors Díabetes Complications

Overweight

High blood pressure -

High level _____ of cholesterol

Genetics/ Family history



SYMPTOMS OF DIABETES



Urinating often



Irritability



Being thirsty more often than usual



Blurry vision



Being hungry more often than usual



Wounds that won't heal



Being tired more often than usual



Numb or tingling hands or feet

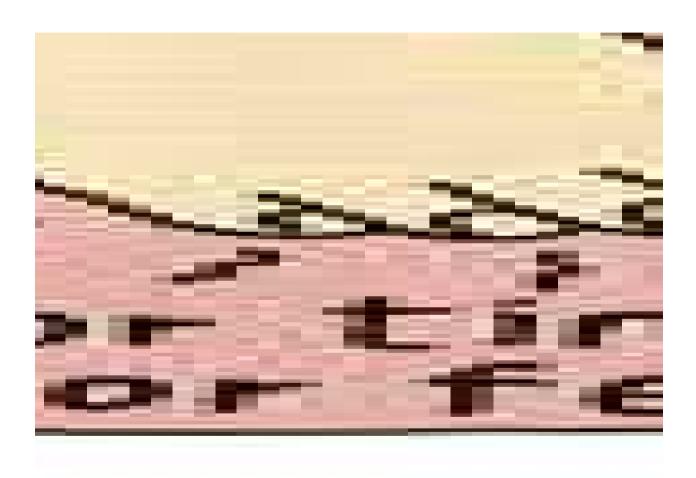
Increased Thirst and Frequent Urination

Why??

Because your body is trying to eliminate the extra glucose.



Numb or tingling hands or feet



Excessive Fatigue

If that's your case, You must see a doctor!!



Diabetes treatment



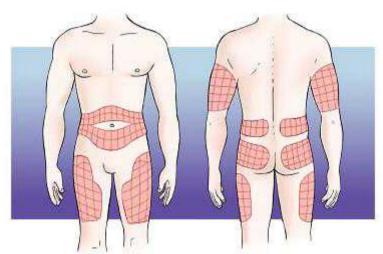
Insulin Use

INSULIN? How? Where?

TYPE 1
Use insulin injections

TYPE 2
Use tablets and/or insulin







BLOOD SUGAR TARGETS



Before meals:

80-110mg/dL.

2 hour after meals:

<160mg/dL(no more than 50 points from before the meal)

Before bed:

100-140mg/dL if taking medication that can lower blood sugar levels.

Low sugar(Hypoglycemia<70 mg/dl)

Low Blood Sugar Symptoms



Low sugar <70 mg/dl

- Dangers: faint and even go into a coma.
 - WHAT CAN I DO IF THIS HAPPENS TO SOMEONE?
- If conscious: give 15 grs of carbohydrates: some juice or sugary drink (coke..), a candy or a little sugar
- If unconscious: administer a medication called GLUCAGON and contact emergency services immediately. NEVER give anything by mouth!!



HYPERGLYCEMIA

(High Blood Glucose)

Causes: Too much food, too little insulin or diabetes pills, illness, or stress.

Onset: Often starts slowly. May lead to a medical emergency if not treated.



EXTREME THIRST



















CALL YOUR HEALTHCARE PROVIDER



Call your healthcare provider if your blood glucose levels are higher than normal for 3 days and you don't know why.



HYPERGLYCEWIA

(High Blood Glucose)

food, too little insulin or diabetes pills, illness, or stress.

Onset: Often starts slowly. May lead to a medical emergency if not treated.







NEED TO URINATE OFTEN



HUNGRY







WHAT CAN YOU DO?



CALL YOUR HEALTHCARE PROVIDER



Call your healthcare provider if your blood glucose levels are higher than normal for 3 days and you don't know why.

DIABETES PREVENTION

At present, TYPE 1 diabetes CAN'T be prevented...

• But TYPE 2 Diabetes CAN! How??



DIABETES PREVENTION



Our message: Adopt a healthy lifestyle!!!



