



جامعة الإمام عبد الرحمن بن فيصل
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Pregnancy Diabetes



What is gestational diabetes?

It is any change in blood sugar level. It is diagnosed for the first time during pregnancy, whether or not it continues after birth.

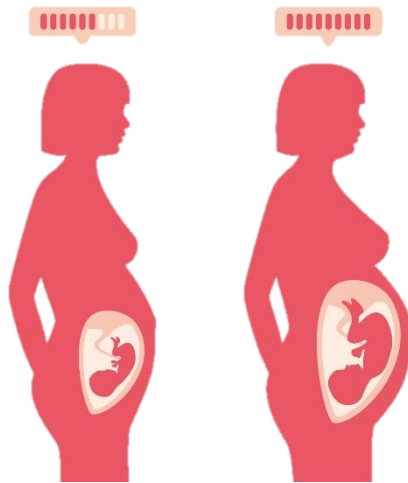
It occurs when the hormones of the placenta prevent the body from using insulin effectively. As a result, the sugar remains in the blood instead of being absorbed by the cells.



When does gestational diabetes occur?

Gestational diabetes occurs most often in the second or third trimester of pregnancy, and therefore blood sugar levels must be examined in all pregnant women at [week 24-28](#) of pregnancy. If there are factors that help the emergence of the disease, then more specific analysis is performed in the first months of pregnancy.

Gestational diabetes often disappears soon after birth.



What are the risk factors of gestational diabetes?

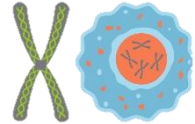
1. The presence of first-degree relatives who have diabetes.



2. Previous birth of large baby (4 kg).



3. The birth of a stillborn baby or a baby with a genetic defect or congenital malformation, or who has



experienced recurrent miscarriage.



4. Recurrent pregnancy.

5. Having Gestational diabetes in a previous pregnancy.



6. The age of the pregnant woman.



7. Obesity as a result of pregnancy or before pregnancy.



How to diagnose gestational diabetes?

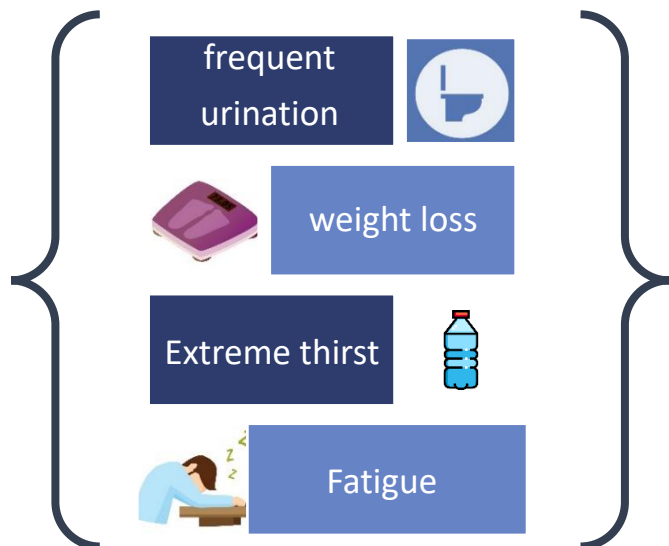
- Perform glucose tolerance test in the second trimester of pregnancy by drinking a glucose solution and taking samples every hour for 3 hours.
- Blood sugar test.
- Examination of urine glucose level and urine culture.
- HbA1C Test which is the amount of blood sugar attached to hemoglobin.



What are the symptoms of gestational diabetes?

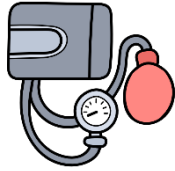
diabetes? There are no symptoms.

Pre gestational
Type 1 and 2
Diabetes



What are the complications of diabetes for a pregnant woman?

- Preeclampsia pregnancy (high blood pressure).



- The increase in the volume of amniotic fluid, which leads to water breaking and premature labor.



- Caesarean section.



- Exposure to vaginal yeast infections.



What are the complications of diabetes for the fetus?

- Increases early miscarriages if the glucose level was not controlled.
- Some birth defects.
- Increase in the size of the fetus.
- Premature birth.
- The death of the fetus before birth
- The infant experiences hypoglycemia in the first days after birth.
- Breathing problems.
- Increases the level of bilirubin in the blood of the infant (jaundice).

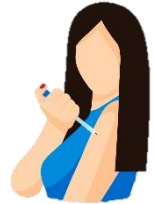


What are the methods of prevention and treatment of gestational diabetes?

❖ Inform the doctor if you had gestational diabetes in a previous pregnancy.



❖ Learn the basic principles of treatment by self-reliance.



❖ Ask for the help of health education specialists to learn how to inject insulin and measure blood sugar.



❖ Maintain blood sugar level by keeping it 95 mg / dl in the case of fasting and 120 mg / dl in the case of not fasting.

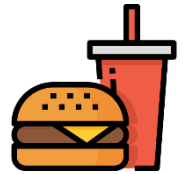


What are the methods of prevention and treatment of gestational diabetes?

❖ Balancing food and sports according to the treatment requirements. The meals are divided into three main meals, with three snacks in-between.



❖ Avoiding foods and drinks that contain high amounts of sugar and reduce the amount of fat in the food.



❖ Seeing a doctor immediately when signs of high blood sugar appear.



❖ Seeking to regulate sugar before future pregnancy.

Internal medicine- Diabetic center
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