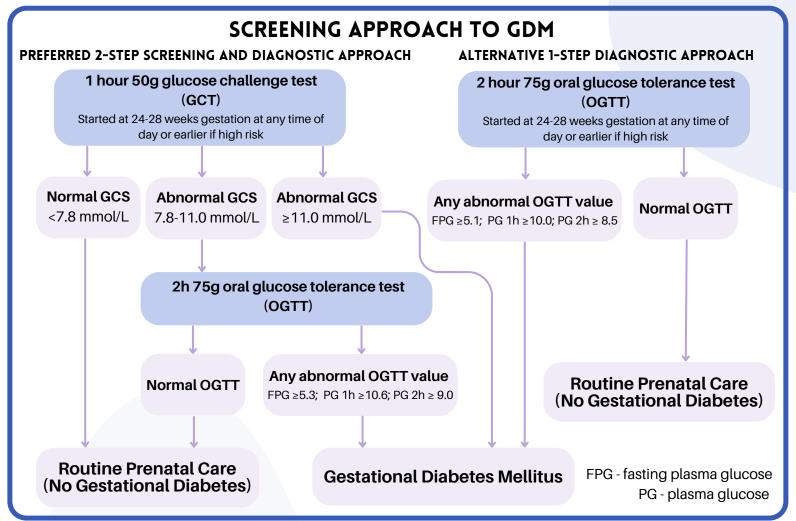
GESTATIONAL DIABETES SCREENING



Diabetes mellitus ("diabetes"), is a disorder of glucose (sugar) regulation in the blood stream. Gestational diabetes mellitus (GDM) is a version of diabetes where you develop diabetes for the first time in pregnancy. This is because pregnancy hormones can cause the body to be resistant to insulin, the hormone that typically regulates blood sugar levels. This leads to elevated blood sugars that can negatively impact a pregnant person and baby. It typically arises in the second or third trimester. In Ontario, gestational diabetes can affect around 10% of pregnant people. We can screen for this condition using simple blood tests and a diagnosis and treatment can help reduce dangerous outcomes for the pregnant person and baby.



All pregnant people are offered screening for gestational diabetes between 24-28 weeks gestational age. If at high risk for GDM, screening may be offered earlier.



How do these tests work?

The pregnant person will be provided with a drink with a **high glucose content**, followed by blood sugar level measurements at specific time intervals.





Pregnant people who are deemed to be "high risk" for GDM will often be screened earlier in the first half of pregnancy with a repeat test at 24-28 weeks if the initial test was negative.





FACTORS THAT INCREASE RISK OF GDM



Maternal age over 35



Obesity (pre-pregnancy BMI > 30 kg/m2



Being physically inactive



Corticosteroid use



Family history of diabetes



Polycystic ovary syndrome



Acanthosis Nigricans (dark thin skin in body folds and creases)



Previous pregnancy complicated by GDM or previous macrosomic infant Asian, Hispanic, South (a baby weighing >4000g)



Ethnicity (e.g., Indigenous, African, Asian)

Uncontrolled GDM can have negative consequences on maternal and fetal/neonatal health and can lead to birth complications. Our handout "A Prenatal Guide to Gestational Diabetes Mellitus" has more information about these complications, as well as prevention, symptoms, and treatment of GDM.

Our handout, "Healthy Eating with Gestational Diabetes" has more information about how you can optimize your diet if you are diagnosed with GDM.

> Appropriate treatment of people with GDM has been shown to reduce the risk of several negative maternal and fetal outcomes.



References

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