

GLUCOSE TOLERANCE

GGT 2,3,4,5, or 6 Hour

1. Have patient collect a urine sample.
2. Check urine for presence of glucose. This is the FASTING URINE.
3. If urine is negative, draw the patient's blood. This is the FASTING BLOOD.
4. Have the patient drink the **75-gram (for adults, see procedure for calculation of pediatric patient amount)** glucose beverage. They need to ingest all of the drink in the presence of the phlebotomist. As soon as they finish the drink, that is when the time starts.
5. Here is how you figure out the times of blood and urine collections:
 - 30 min specimen-----draw 30 minutes after they finish the glucose beverage
 - 1 hour specimen-----draw 1 hour after they finish the glucose beverage
(this is 30 minutes after the 30 minute specimen which equals 1 hour after they finished the glucose beverage)
 - 2 hour specimen-----draw 2 hours after they finish the glucose beverage
 - 3 hour specimen-----draw 3 hours after they finish the glucose beverage
 - 4 hour specimen-----draw 4 hours after they finish the glucose beverage
 - 5 hour specimen-----draw 5 hours after they finish the glucose beverage
 - 6 hour specimen-----draw 6 hours after they finish the glucose beverage
6. Write down the times to draw on the appropriate demographic label and on the patient reminder slip. Give the reminder slip to the patient.
7. The patient must remain in the waiting room for the entire duration of the test. They can NOT leave for any reason without permission from the physician.

Glucose 3 Hour OB

1. Have the patient collect a urine sample.
2. Check urine for presence of glucose. This is the FASTING URINE.
3. If the urine is negative, draw the patient's blood. This is the FASTING BLOOD.
4. Have the patient drink the **100-gram** glucose beverage. They need to ingest all of the drink in the presence of the phlebotomist. As soon as they finish the drink, that is when the time starts.

5. Here is how you figure out the times of blood collections—NOTE--no urine specimens after the fasting urine--:
THERE IS NO 30 MINUTE SPECIMEN
1 hour specimen-----draw 1 hour after they finish the glucose beverage
2 hour specimen-----draw 2 hours after they finish the glucose beverage
3 hour specimen-----draw 3 hours after they finish the glucose beverage
6. Write down the times to draw on the appropriate demographic label and on the patient reminder slip. Give the reminder slip to the patient.
7. The patient must remain in the waiting room for the entire duration of the test. They can NOT leave for any reason without permission from the physician.

Glucose OB Screen

1. Have the patient collect a urine sample.
2. Check the urine for presence of glucose. This is the FASTING URINE.
3. If the urine is negative, have the patient drink the **50-gram** glucose beverage. They need to ingest all of the drink in the presence of the phlebotomist. As soon as they finish the drink, that is when the time starts.
4. You will draw the patient 1 hour after they finish the glucose beverage.
5. The patient must remain in the waiting room for the entire duration of the test.
6. Dr. Neel is sometimes giving his patients the glucose beverage in his office. If you have a patient come in and this has been done, you need to order the Glucose OB Screen and draw the blood. We assume the urine was negative since he gave them the drink.

On any of the types of tolerances, if the FASTING URINE is positive, the physician **MUST BE CALLED** to find out if they want to continue the test. You **CAN NOT** continue the test without speaking to the physician or the physician's office. After speaking with physician or the physician's office, enter a comment in the computer of the physician's response.

Urine Dipsticks

Take a dipstick out of the container, dip it in the urine and remove the stick from the urine. Start the time then. After 60 seconds have passed, compare the color of the glucose pad to the colors on the dipstick container. To do this, hold the dipstick by the handle next to the top of the container. The glucose pad is the 6th one from the top. Whatever color it matches closest, is the result (results are noted under each color choice). The results are written on the appropriate urine label and given to the tech in urinalysis.