

TECHNICAL

December 2019

Gestational Glucose Testing

Effective December 18, 2019, there are changes in the Glucose Gestational Screen **reference range** and in the performance of glucose tolerance testing (GTT).

Changes:

For the Glucose Gestational Screen

Post 1 hour 50g dose glucose reference range

NEW: 70 – 134 mg/dl

OLD: 70- 139 mg/dl

For the 2 hour GTT, 2 hour OB GTT and 3 hour OB GTT panels:

If a single glucose level is >200 mg/dl, the rest of the GTT will not be completed. A comment will be added to the result line stating “GTT discontinued due to >200 result”.

Reporting/Reference Range:

Gestational screen 1 hour reference range: 70-134 mg/dl

No changes in the following reference ranges (included for completeness):

Fasting reference range: 70 – 99 mg/dl

OB Post 1 hour 75g or 100g dose reference range: 70 – 179 mg/dl

OB Post 2 hour 75g dose reference range: 70 – 152 mg/dl

OB Post 2 hour 100g dose reference range: 70 – 154 mg/dl

OB Post 3 hour 100g dose reference range: 70 – 139 mg/dl

Orders: No change in orders. The following panels are available:

Glucose Gestational Screen (1 hr)

Glucose Tolerance Testing Panel (0 hr, 2hr)

OB 2 hour Glucose Tolerance Panel (0hr, 1hr, 2hr)

OB 3 hour Glucose Tolerance Panel (0 hr, 1hr, 2hr, 3hr)

Specimen Requirements: No Change

Test Performed: 24 hours a day, 7 days a week

Please direct any questions to Dr. Deb Perry at 402 354-4559 or Dr. George Bedrnicek at 402 955-5528.