

## IMPORTANT CLINICAL LABORATORY MEMORANDUM

Date: 7-25-2024

To: CAMC Providers  
CAMC Staff  
CAMC LabWorks Clients

From: CAMC Laboratories  
Milton Plata, MD (General, Memorial, Women and Children's Hospitals)  
Darlene Gruetter, MD (Teays Valley Hospital)  
David Webb, MD (Greenbrier Valley Medical Center, Plateau Medical Center)

### TOPIC: UPDATE TO TIMED GLUCOSE TOLERANCE TESTS

**EFFECTIVE: 8/6/2024**

In consultation with CAMC Endocrinologists, CAMC Laboratories is updating the glucose tolerance orders and collection processes to improve patient experience and align with the latest glucose tolerance guidelines/recommendations (ADA, CDC, WHO) and peer institution benchmarks. Associated PowerPlans in CAMC's EMR will also be updated.

Below are the key updates with a comparison table for clarification:

- Urine Collection Removed
- 30-minute Specimen Collection removed
- 4-, 5-, and 6-Hour Tolerance Testing removed
- 1 Hour PC, 2 Hour PC, and Gestational Tolerance Testing orders are **NOT** impacted

	CURRENT TESTS	UPDATED TESTS
1 Hour Glucose Tolerance	Serum: Fasting, 30 min, 1 Hour Urine: Fasting, 30 min, 1 Hour	Serum: Fasting & 1 Hour
2 Hour Glucose Tolerance	Serum: Fasting, 30 min, 1 Hr, 2 Hr Urine: Fasting, 30 min, 1 Hr, 2 Hr	Serum: Fasting, 1 Hr, 2 Hr
3 Hour Glucose Tolerance	Serum: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr Urine: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr	Serum: Fasting, 1 Hr, 2 Hr, 3 Hr
4 Hour Glucose Tolerance	Serum: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr, 4 Hr Urine: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr, 4 Hr	No longer available
5 Hour Glucose Tolerance	Serum: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr, 4 Hr, 5 Hr Urine: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr, 4 Hr, 5 Hr	No longer available
6 Hour Glucose Tolerance	Serum: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr, 4 Hr, 5 Hr, 6 Hr Urine: Fasting, 30 min, 1 Hr, 2 Hr, 3 Hr, 4 Hr, 5 Hr, 6 Hr	No longer available

Please contact your local CAMC Laboratory for any questions. Thank you!