**Point of Care (POC) Glucose Testing on Critically Ill Patients**

<table>
<thead>
<tr>
<th>Name of Policy:</th>
<th>Policy Number: 3364-107-125</th>
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<tbody>
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<td>Policy Number:</td>
<td>Pathology-Laboratory</td>
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<tr>
<td>Approving Officer:</td>
<td>Chief Executive Officer-UTMC</td>
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<td>Responsible Agent:</td>
<td>Pathology/Hematopathology Administrative Director, Lab</td>
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<td>Scope:</td>
<td>Pathology-Laboratory</td>
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**Effective Date:** 2/13/2017  
**Initial Effective Date:** 3/1/2015

(A) **Policy Statement**

POC Glucose Testing on critically ill patients must be performed following compliance standards required by CMS, CLIA and CAP. Glucose testing on critically ill patients using the Roche Inform II Blood Glucose meters is not permitted.

(B) **Purpose of Policy**

To assure that all Glucose testing performed at the point of care conforms to federal and other regulatory requirements.

Recently the FDA has enacted labeling changes specific to the use of waived whole blood glucose devices. The limitation clause "The performance of this system has not been evaluated on the critically ill" has been added. Use of glucose meter testing outside of its FDA approved intended use is not permitted. Each facility must define "critically ill" for their institution for the POC glucose testing.

(C) **Procedure**

For the specific use of Glucose meters, critically ill at the University of Toledo Medical Center will be defined as "a patient on mechanical ventilation with a mean arterial pressure less than 60 mmHg despite the use of pressors". Glucose testing on these patients must be performed on a venous or arterial blood sample sent to the Pathology laboratory.

**Approved by:**  
Robert L. Dooho, Jr., M.D.  
Associate Professor  
Director, Clinical Pathology/Hematopathology

**Review/Revision Date:** 2/13/17

Dan Barbée, RN, BSN, MBA  
Chief Executive Officer-UTMC  
*Written by: Deb Engstrom, MT (ASCP)*

**Next Review Date:** 2/13/19

Policies Superseded by This Policy: