

## Accu-Chek Inform II: Newborn Care Glucose Meter Protocol

	<b>Action</b>
<b>1</b>	<p><b>USE OF GLUCOSE METER</b></p> <p>Glucose determinations are done by a registered nurse certified in the use of the glucose meter. Blood specimens may be capillary or drawn from indwelling lines that have never contained glucose.</p> <ul style="list-style-type: none"> <li>• Glucose meter is used whenever a glucose test is requested.</li> <li>• For glucose with other chemistries, order laboratory glucose and also test a drop of blood by glucose meter to obtain an instant result (see confirmation of glucose meter results).</li> </ul>
<b>2</b>	<p><b>GLUCOSE METER RESULT REPORTING</b></p> <ul style="list-style-type: none"> <li>• Glucose meter results are documented on the yellow SCN/NCN bedside laboratory sheets or in the interprofessional progress notes (BCWH postpartum wards). At present, laboratory reports include only laboratory glucose results.</li> <li>• Physician is notified of glucose meter results &lt; 2.6 mmol/L or &gt; 10.0 mmol/L, according to standard Newborn Care practice.</li> </ul>
<b>3</b>	<p><b>CONFIRMATION OF GLUCOSE METER RESULTS</b></p> <p>A) <u>Critical high/low glucose meter results</u></p> <ul style="list-style-type: none"> <li>○ Glucose meter results &lt; 2.6 mmol/L or &gt; 10.0 mmol/L are confirmed by repeat glucose meter testing using a new test strip. The same glucose meter may be used if daily quality control was acceptable and no malfunction is suspected.</li> <li>○ Initiate medical management, as needed, as soon as result is confirmed by repeat glucose meter test.</li> <li>○ Glucose meter results &lt; 2.0 mmol/L or &gt; 12.0 mmol/L are followed up by simultaneous meter test and laboratory glucose at time of next blood glucose check.</li> <li>○ Record glucose meter result on simultaneous draw label on laboratory requisition.</li> </ul> <p>B) <u>Quality assurance</u></p> <ul style="list-style-type: none"> <li>○ When glucose is ordered with other Chemistry tests, do simultaneous draw with glucose meter. Record result on chart and on simultaneous draw requisition.</li> </ul> <p>This procedure ensures prompt patient care and ongoing quality assurance without unnecessary sample collection</p>

**References:**

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**REVISION & APPROVAL LOG**

Version	Revision Type	Description of Change	Revision Date	Technical Approval	Medical Approval
1.0		New document	01 Jan 2015	Elvira Kozak	Dr. Cathy Halstead
1.1	Minor	Document title and number change. Upload to QMS document control	27 Dec 2016		Dr. Benjamin Jung

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Medical Approval: Dr Benjamin Jung	Medical Approval Date: 27 Dec 2016
Version: 1.1	Implementation Date: 1/4/2017 3:18:00 PM
Folder Name: CW\Point of Care\Whole Blood Glucose	
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