


Performing a Quality Control Test on the Performa Meter

Purpose: This procedure provides instructions for performing Quality Control (QC) on the Roche Performa glucose meter.

Procedure:

ACTION	
1	Wear gloves
2	Gather supplies: <ul style="list-style-type: none"> • Performa glucose meter • Accu-chek Inform II test strips • Accu-chek Performa QC material (Level 1 and 2) • Clean gauze or tissue
3	Insert new code chip (found in each test strip box) into meter if opening a new vial of test strips
4	Remove a test strip from the test strip vial and recap vial securely
5	Insert the test strip into the meter in the direction of the arrows <ul style="list-style-type: none"> • The meter powers on
6	Ensure the code number displayed on the meter matches the code number on the test strip vial <ul style="list-style-type: none"> • Remove and reinsert the test strip if you miss the code number display
7	Select the quality control solution to be tested
8	Mix the control solution by gently inverting the bottle 5 times
9	Remove the cap and wipe the tip of the bottle with a tissue or gauze to remove any dried residue
10	Expel the first drop of solution into the tissue or gauze and apply the second drop to the front edge of the test strip <ul style="list-style-type: none"> • An hourglass symbol will display on the meter, indicating that sufficient control solution has been applied • A result will display in about 5 seconds, with a control bottle symbol and a flashing "L" • Do not remove the test strip at this time
11	Indicate the level of quality control solution by pressing the right arrow button  <ul style="list-style-type: none"> • Press the arrow button <u>once</u> for Control Level 1 • Press the arrow button <u>twice</u> for Control Level 2
12	Press the on/off button to set the level in the meter

ACTION							
13	<p>Interpret quality control results:</p> <ul style="list-style-type: none"> • Result is within range if “OK” and the result alternate in the display • Acceptable control ranges are also listed on the test strip vial • Result is not within range if “Err” and the result alternate in the display <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>If</i></th> <th style="text-align: center;"><i>Then</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Result is “OK”</td> <td>Repeat Steps 1 - 8 with next level of QC until both levels have passed</td> </tr> <tr> <td style="text-align: center;">Result is not acceptable</td> <td> <ul style="list-style-type: none"> • Repeat procedure with same level of QC • Do not perform any patient testing unless both levels of QC have passed • If QC result is not acceptable after two attempts do not use the meter - contact POCT Lab. </td> </tr> </tbody> </table>	<i>If</i>	<i>Then</i>	Result is “OK”	Repeat Steps 1 - 8 with next level of QC until both levels have passed	Result is not acceptable	<ul style="list-style-type: none"> • Repeat procedure with same level of QC • Do not perform any patient testing unless both levels of QC have passed • If QC result is not acceptable after two attempts do not use the meter - contact POCT Lab.
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14	Document QC results on daily maintenance sheet						
15	Forward the Daily Maintenance sheet to POCT Lab when complete, for review and record retention.						