Radiometer ABL90 FLEX and FLEX PLUS

- **Consumables**

<table>
<thead>
<tr>
<th>Storage Temperature</th>
<th>Sensor Cassette</th>
<th>Solution Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerated (2-8°C)</td>
<td></td>
<td>Room Temperature (2-25°C)</td>
</tr>
</tbody>
</table>

- **Stability**
  - 30 Days onboard
  - Unopened: Manufacturer’s expiration date.

- **Handling Requirements**
  - Follow onboard video guidance to replace
  - Conditioning can take up to 4 hours

- **Testing Procedural Notes**
  - One level of QC is automatically run every 8 hours.
  - Use Lithium heparin syringes for venous or arterial draws.
  - Both syringes and capillary tubes must be mixed before testing.
  - CSN numbers are the 10-digit numbers on the patient armband. If it is not possible to scan the CSN and you manually enter it DO NOT include the “AC”.
  - Make sure panel and sample type are chosen correctly.
  - Sample type is the source of the blood (capillary-heal stick, venous, arterial) and not the specimen container (ex capillary tube, syringe)
  - If the incorrect sample type, but incorrect panel was chosen and the results have not posted to the patient’s chart, the POCT office can correct the error and resend the results.
  - If the incorrect panel is chosen, the results will not post to the chart and will have to manually entered.
  - Clean analyzer as needed with appropriate commercial surface decontaminations that are approved by the HEIC.
  - Check top left corner for Ready Mode before beginning a test.
  - Make sure all parameter tabs are green. If yellow, check for the associated Calibration or QC error and correct.
  - The traffic light in the Analyzer Status should be green. If yellow, click on traffic light to check for Calibration, QC or consumable error and correct if necessary.
  - Patient correlations are to be run three times year by testing personnel to compare results to the Critical Care Lab and Core Lab.
• **Operator Competency**
  
  o Review POCTM031 in HPO – All operators are responsible for information in procedure.
  
  o Complete MyLearning module with at least an 80% on the Post-Test at initial training, at 6 months and annually thereafter.
  
  o Initial training, 6 month affirmation, and yearly competency is documented on the ABL90 Competency Checklist (Appendix C of procedure) and sent to Point of Care Office.
  
  o If these requirements are not met, operators will be locked out of the ABL90s and will require retraining prior to testing privileges being restored.

• **Troubleshooting the Radiometer ABL90 FLEX & FLEX PLUS**

<table>
<thead>
<tr>
<th>Error</th>
<th>Troubleshooting Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clots or fluidic errors</td>
<td>Follow the video guidance and use the ABL90 Flush Device</td>
</tr>
<tr>
<td>Replacing reagent pack or sensor due to errors and before expiration date</td>
<td>Complete a Consumable Credit Report</td>
</tr>
<tr>
<td>Result Transmission error</td>
<td>Menu, Utilities, Setup, Gen Setup, Communications, AQUIRE connection, uncheck communicate with AQUIRE, Clear queue, Recheck communicate with AQUIRE</td>
</tr>
</tbody>
</table>

  
  o If basic troubleshooting fails, contact the POCT Office for additional assistance or contact the Field Service Engineer or Radiometer (1-800-736-0600).
  
  o POCT Office:
    
    ▪ Office Location: CMSC SB207
    ▪ Office Hours: Monday-Friday 7:00-16:00
    ▪ POCT General Phone Line: 5-2645
    ▪ Email: POCTGroup@exchange.johnshopkins.edu
    ▪ Website: [http://pathology.jhu.edu/department/staff/POCT/home.cfm](http://pathology.jhu.edu/department/staff/POCT/home.cfm)