Memorandum: POC #10

To: UNC Hospitals Attending Physicians, House staff, Nursing Coordinators, Department Heads and Supervisors

From: Dawn Smith MT(ASCP); Manager Point of Care Testing UNC Medical Center
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Date: 8/19/2026

Subject: Suspension of Capillary Testing on the ABL90 Blood Gas Instruments

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Effective 8/19/2026 the UNC Health Medical Center Point of Care and UNC Medical Center Core Laboratory will disable testing of capillary samples on all ABL90 blood gas instruments in response to an urgent medical device notification.

The manufacturer has identified issues that may affect the performance and/or reporting of results generated by the ABL90 Flex Plus analyzer. Patient safety remains our highest priority, and we are working closely with Radiometer to implement the recommended corrective actions.

Impact on Users

- A majority of ABL90 Flex Plus parameters are not FDA-cleared for reporting from capillary samples.
- Effective immediately, all capillary samples collected at the Medical Center must be sent to the Core Laboratory for analysis. This will require a full capillary tube (125 µL of sample).
- Certain parameters will require minor adjustments to their reportable ranges in accordance with Radiometer's updated guidance.

Actions Being Taken

- The UNC Point of Care Testing (POCT) Department and CORE Laboratory are reviewing and implementing all corrective actions outlined in the manufacturer's notification.
- The capillary sample type will be disabled on all ABL90 Flex Plus analyzers.
- Any necessary adjustments to reportable ranges for affected parameters will be made.
- Additional updates will be communicated as they become available.

Questions or Concerns
If you have questions regarding this correction or its impact on patient testing, please contact the POCT Department at 984-974-1416 or PointofCareTestingUNCH@unchealth.unc.edu.

Thank you for your attention to this important matter and for your continued commitment to patient safety.