

To:**From: Dr Michael Chan**
Department of Chemical Pathology
PWH

NTEC Point-of-Care Testing Glucometer

External Quality Assurance Programme Reporting Instruction

Dear POCT Coordinators, DOMs, WMs, or BGA Link Nurses,

I would be very grateful if you can ask your staff (who is used to performing haemoglucostix analysis in your clinical ward) to perform the analysis of the quality control (QC) samples with *ONE* of your glucometers within 2 days upon sample arrival. This external quality assurance programme will be conducted at monthly interval throughout the calendar year as required by the HAHO Annual Plan Section III Standard 16 on POCT.

QC Samples Package

Each bag contains 2 vials of 0.2 mL of QC material (sample #1 and sample #2), 2 disposable pipettes, and this instruction note.

Analytical and Reporting Procedures

1. Start your glucometer as for running patient samples:

For connected POCT Glucometer, scan your operator ID barcode, the barcode given below as patient number and Glucose Strip Lot number when prompted.

2. Shake QC samples and open the 2 mL screw-lock vial and check the QC sample number.
3. Using the disposable pipette provided, draw an adequate amount of QC sample.
4. Apply the QC sample onto the POCT glucose reagent strip, wait for the result signal and record result.
Note: Record the results according to vial # No.
5. Use the reporting sheet for temporarily recording of your paired QC results.
6. Go to <https://ntecapp21.home/eqaps/>, or select “Systems” in Intranet then “POCT-EQAPS”. Logon with your CMS code (331 code).
 - ♦ Report result under “Reporting Forms” not later than **18th** of the month.
 - ♦ Select the correct glucometer (If the glucometer is not on the list, inform link nurse for new analyzer registration). Only one pair of results is accepted.
 - ♦ More information is available under “Home”.
7. At the end of the month review your result at the useful link “Reviewing your EQAP Results” under “Home”.
8. Sample for repeat analysis will be distributed to those with result(s) outside the respective 95% confidence interval(s), repeat the samples and return the results by fax.
9. Review End-of Cycle Reports at useful link “Annual End of Cycle (EOC) Report” under “Home”.



QC Material Precautions

1. For in vitro diagnostic use only.
2. Please handle with the same precautions used for patient specimen.
3. Store at room temperature (18 - 25 °C).

If you have further query concerning this programme, please contact POCT coordinator at 3505 1656 / 3505 1982 / 3505 3972. For enquiries concerning glucometer repair service, maintenance and inventory issues, please contact the relevant departments of your hospital. Thank you for your cooperation.

Dr Michael HM Chan, Chairman, NTEC POCT CoC

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