



Blood Glucose Measurement (AccuCheck Performa Meter) Procedure

Procedure Number
CHC-PN-0070

Version Nos:
7

1. Purpose

This Procedure is performed as a means of measuring the blood glucose levels in patients using a blood glucose monitoring meter.

2. Application

This Procedure is to be followed by all nursing staff throughout West Coast District Health Board (WCDHB).

3. Definitions

There are no definitions associated with this Procedure.

4. Staff Authorised To Perform Procedure/Responsibilities

This Procedure shall be performed by a:

- i) Registered nurse; or
- ii) Enrolled nurse; or
- iii) Student nurse (under supervision).

5. Resources Required

This Procedure requires:

- i) Lancet
- ii) Blood Glucose Strip
- iii) AccuCheck Performa Meter

6. Process

- 1.00 Wash hands and collect appropriate equipment/resources.
- 1.01 Correctly identify patient.
- 1.02 Explain Procedure to patient as being part of their diabetes management.
- 1.03 Obtain informed consent from patient.
- 1.04 Ensure privacy of patient by closing curtains around bed or closing door to room.
- 1.05 Provide privacy and adequate lighting.
- 1.06 Insert test strip into meter. Avoid touching the strip with fingers.
- 1.07 Meter will display calibration code. Check that this is correct against the code printed on the test strip container.



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- 1.08 If using a new test strip pottle, the meter will require calibration. Insert the calibration strip (from the new test strip pottle) into the meter. The meter will display a calibration code. Check this code to ensure it is the same as that printed on the new test strip box.
- 1.09 Wash patient's hand and gently stroke the side of the patient's finger to improve circulation.
- 1.10 Place glucose test strip into meter.
- 1.11 Gently prick side of the patient's finger. (Pressing firmly will cause a deep puncture wound)
- 1.12 Push the tip of the test strip into the blood drop and observe the blood being drawn up into the meter.
- 1.13 Blood glucose reading will be displayed on meter. Document in patient's medical record.
- 1.14 Remove used test strip and dispose of in waste container.
- 1.15 Wash hands.
- 1.16 There may be times when patients wish to use their own meter. To ensure accuracy staff should also check the patient's blood glucose level with the ward's meter.

7. Precautions And Considerations

- ➔ Avoid touching the strip with fingers when inserting test strip into meter.
- ➔ After inserting the test strip into the meter, check the calibration code.
- ➔ Where patients have used their own meter staff should periodically also check the patient's blood glucose level with the ward's meter.

8. References

WCDHB Diabetes Resource Manual

9. Related Documents

WCDHB Blood Glucose Measurement (Glucolet 2 – Autolancet) Procedure

WCDHB Doctors Prescription Of IV Insulin Procedure

WCDHB Hypoglycaemia Procedure

WCDHB Surgery For Diabetic Patients Procedure

WCDHB Treatment Of Diabetic Ketoacidosis In Adults Procedure

WCDHB Treatment Of Diabetic Ketoacidosis In Adults (Buller & Reefton Hospital) Procedure

WCDHB Treatment Of Diabetic Ketoacidosis In Adults (Children) Procedure



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