

Arkray Glucocard meter Competency

NAME:	EMPLOYEE ID:	POSITION:	DEPT:
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Competency: Performs under supervision: **1**. Performs without supervision: **2**

Whole blood glucose testing using the Glucocard meter	Date	Date	Date	Date	Date
The staff member can demonstrate the following procedures:	/ /	/ /	/ /	/ /	/ /
a) Confirm that the CheckStrip has been run in the last seven days.	_____	_____	_____	_____	_____
b) Confirm that the CheckStrip reads between 5.2 - 6.4 (5.8) mmol/L.	_____	_____	_____	_____	_____
c) Confirm that CheckStrip results have been fully documented in the notebook.	_____	_____	_____	_____	_____
d) Ensure meter, lancet device and case are clean and free from body fluid spills.	_____	_____	_____	_____	_____
e) Wash and dry own hands and those of patient .	_____	_____	_____	_____	_____
f) Wear gloves during procedure	_____	_____	_____	_____	_____
g) Is familiar with the recommended procedure to obtain capillary specimen and use Glucocard meter as outlined in CDHB Nurses Procedure Manual Volume E)	_____	_____	_____	_____	_____
h) Turn the meter on.	_____	_____	_____	_____	_____
i) Check that the Calibration code matches the test strip lot number.	_____	_____	_____	_____	_____
j) Check the date on the box to ensure that the test strips have not expired.	_____	_____	_____	_____	_____
k) Remove the test strip from the foil and insert into the port on the meter.	_____	_____	_____	_____	_____
l) Allow blood to aspirate fully into strip. When result is available, remove strip.	_____	_____	_____	_____	_____
m) Confirm result is correct, i.e., fits with clinical picture.	_____	_____	_____	_____	_____
n) Knows what to do if result is abnormal, e.g., less than 3.5 mmol/L.	_____	_____	_____	_____	_____
o) Understands limitations of the meter- results may be incorrect (falsely low), if patient is hyper-osmolar, ketotic or dehydrated. (Confirm via lab)	_____	_____	_____	_____	_____
p) Understands that results may be falsely lowered if patient is on high oxygen ventilation. (Confirm via lab)	_____	_____	_____	_____	_____
q) Understands that venous samples will give lower glucose results than capillary samples (less oxygen present in venous blood)	_____	_____	_____	_____	_____
r) Understands that ascorbic acid, acetaminophen, dopamine and mannitol can affect glucose measurement. (Not affected by therapeutic levels of paracetamol).	_____	_____	_____	_____	_____
s) Knows to sign and date all results.	_____	_____	_____	_____	_____
For assistance, contact the CHLabs POCT Coordinator, 81850 or 0274 973 645.					
COMPETENCY TRAINER NAME & SIGNATURE					
POCT OPERATOR SIGNATURE					

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