

Nova meter - Glucose/Ketone

Health and Safety

Users must be aware that there is a risk of infection when coming into contact with human blood. To minimise risk, ensure gloves are worn. Dispose of all consumables as biohazardous waste.

Patient Testing

When the meter is removed from the Docking Station to perform a test, the *Welcome Screen* will be displayed.

To start testing, the first thing that you need to do is to press the *Login* key. On the *Enter Operator ID* screen press *Scan* to scan your operator ID badge or key in manually.

Once the barcode has successfully scanned, your operator ID information will appear at the top of the screen and the meter will automatically move to the *Patient Test* screen.



This is the *Patient Test* screen. Notice that the padlock symbol is not present next to the word *Glu* or *Ket*. The Quality Control has been performed for both tests and the meter is ready for use.

If there is a padlock symbol next to an analyte, you cannot perform patient testing for that specific analyte until QC has been performed.

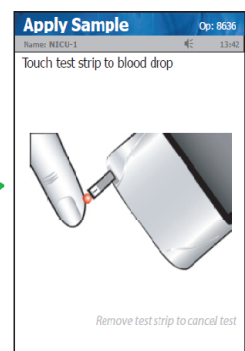
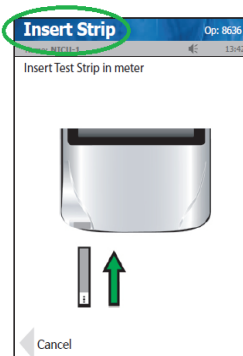
To perform a patient test just press *Accept* or *Continue*.

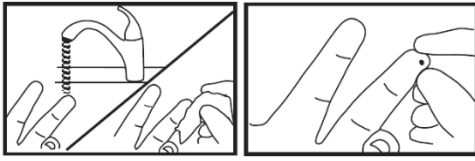
Once you press *Accept/Continue*, the *Enter Strip Lot* screen is displayed. Scan the lot number barcode on the outside of the **test strip vial**. Once the test strip lot has been successfully scanned, the meter will move directly to the *Enter Patient ID* screen.

Scan the Patient ID barcode from the patient's bradma label.

Once you scan the Patient ID, the *Insert Strip* screen is displayed.

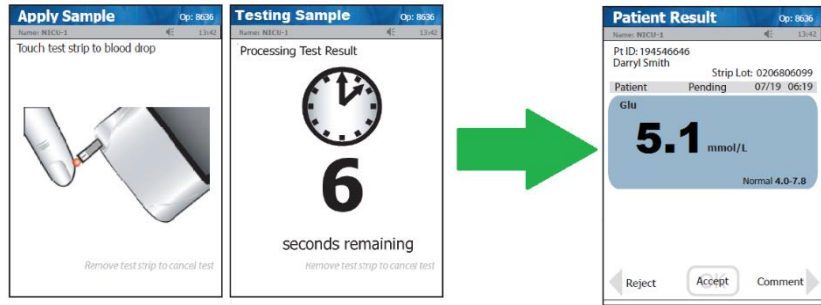
Insert the gold end of the test strip into the meter as shown, making sure that the **Nova** label is facing upwards. When the test strip is inserted correctly, the *Apply Sample* screen is displayed.





Perform a patient fingerprick following hospital protocol. Wipe away the first drop of blood and perform the test on the second drop.

From the *Apply Sample* screen, touch the end of the test strip to the blood drop. Allow the blood to be drawn up into the test strip by capillary action. When enough sample has been drawn into the test strip, the analysis countdown automatically begins. The analysis will count down from 6 seconds.



Once the analysis is complete, the *Patient Result* is displayed. To accept the result press *Accept*. To reject the result, press *Reject*. All data will be stored in the meter memory, but only accepted results will transfer to Clinical Portal.

Result interpretation

Results which fall within the set normal range are shaded blue. Results that fall outside of the designated normal range are shaded in red.

Next to an abnormal result, Stat Strip will display a single up arrow for a result between the normal range and the critical range, or two up arrows for a result above the designated Critical Range. Conversely, a single down arrow or two down arrows indicate an Abnormal Low or Critical Low result.

Three arrows up or down indicate that the result is outside the measuring range for the meter, three arrows up and the result is greater than 33.3 mmol/L, three arrows down and the result is less than 0.6 mmol/L. Results in these ranges should be confirmed by repeating the test and sending a sample to the laboratory.

Reviewing Previous Results

If necessary, previous patient results can be recalled and reviewed. To review a previous patient result, simply log in and press the *Review* soft-key on the *Patient Test* screen, and the *Review Results* screen will display.