

**Comparing NursE recording Accuracy and Time taken for blood glucose checks with different glucose meters (NEAT)**

**Nursing participation information sheet**

You are invited to take part in this research project, which is called Comparing NursE recording Accuracy and Time taken for blood glucose checks with different glucose meters (NEAT). The aim of this project is to assess whether, compared to traditional glucometers, wifi-enabled glucometers result in a decrease in time taken to measure and record capillary blood glucose levels and a decrease in errors of transcription and transposition into the electronic medical record. The wi-fi glucose meters directly upload the glucose result t the electronic medical record as soon as the result appears on the glucose meter. It may reduce the time taken to check and record glucose levels and also improve accuracy of documentation in the electronic record.

This is the first time this research is being done in an Australian context. You will receive training in use of the connectivity glucose meter

The study consists of 2 stages.

In stage 1, for each patient (10 patients total), you will be asked to measure their blood glucose levels with both a traditional glucometer and a connectivity glucometer (sequentially) ie 2 blood glucose levels per patient. You will be observed by one of the research team members from the Endocrinology department undertaking this study. The time taken for you to take these measurements will be measured from the time you indicate you are ready to start blood glucose measurement to the time the result appears in the electronic medical record. Also, any discrepancies between data on the glucometer and data on the eMR will be measured. This will help us know how many patients we need overall to see if any differences we find are real or could be due to chance.

In stage 2, you will be asked to measure 1 glucose level per patient, using only 1 glucose meter type, either the connectivity glucose meter (selected by coin flip) or the standard glucose meter. Data will be measured in the same method as in stage 1.

This study has been approved by the NBMLHD HREC LNR Subcommittee and ratified by the NBMLHD HREC. The email contact for any queries is NBMHLD-Ethics@health.nsw.gov.au or Ph 4734 1998.

If you have any questions about the study, please ask the member of the investigator team who has asked you to be involved in it.