| **Data** | **Definition** | **Tool** | **Method** |
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| Demographics |  | Demographics Form | Completed by RN participant, after medication administration |
| Interruptions | A break in the performance of a human activity initiated by a source internal or external to the recipient with occurrence situated within the context of a setting or location resulting in the suspension of an initial task to perform an unplanned task with the assumption that the initial task be resumed. | Structured Observation Sheet | Completed by trained observers to document interruptions during medication administration. |
| Distractions | Distractions include anything that draws away, diverts, or disturbs attention from achieving a goal. | Self-Report: Distraction experienced during medication administration | Completed by RN participant, after medication administration. |
| Cognitive Load | Cognitive load is a multidimensional construct representing the load that performing a particular task imposes on the learner’s cognitive system. | NASA Task Load Index | Completed by RN participant. |
| Procedure Failures | Procedural failure is defined as failure to follow steps designed for safe administration of medication as listed below:   1. Compares medication with medication administration record 2. Keeps medication labeled throughout process from preparation to administration. 3. Checks two forms of identification. 4. Explains names of medications, dose and purpose 5. Administers the medication to the patient. 6. Charts medication immediately after administration of a single patient’s medication pass, not before or at the end of the shift | Structured Observation Sheet | Completed by trained observers during medication administration. |
| Medication Administration Errors | Medication administration errors are specific to the period of administration and will be classified under the following categories: None, Wrong Patient, Wrong Drug, Wrong dose, Wrong Route, Wrong time, Omission, Error in documentation. | Structured Observation Sheet | Completed by observers during medication record review after observation of the medication administration. |