

Central State Hospital
Infection Control and Prevention
ACCU-CHEK inform meter
Cleaning and Disinfection Procedure

I. Introduction

The use of electronic glucometers to guide diabetic therapy is standard practice at Central State Hospital (CSH). In order to minimize the risk of infections during glucose monitoring, aseptic technique must be used. With that in mind, persons conducting glucose monitoring must follow this procedure for cleaning and disinfecting glucometers in order to insure that these meters are properly cleaned and disinfected. To prevent the spread of infection, cleaning and disinfection must be done at the beginning of each shift following control testing and after each client is tested.

II. Principles

Cleaning and disinfection is a two step process. First, glucometers must be cleaned and dried before a disinfectant is applied. This is important because complete disinfection may not occur in the presence of residual blood and/or other foreign substances. Second, a hospital approved disinfectant must be *carefully applied in order to “wet” all surfaces. And these surfaces must remain “wet” for no less than the time stated in the manufacturer’s specifications.

***Caution:** Cleaning and disinfecting procedures should never be attempted while the glucometer is switched “on” or connected to the charging station. In addition, care must be taken not to apply excessive amounts of disinfecting solutions to the glucometer and to not allow the disinfecting solution to collect on the meter connector, scanner window, strip port, or screen. Failure to heed these precautions may result in extensive equipment damage and possible personal injury.

III. Procedure

A. Cleaning:

1. While wearing clean gloves, remove the meter from the charging station (if applicable).
2. Verify that the meter is switched “off”
3. Use a fresh **DisCide Ultra Disinfection Towelette™ to wipe exterior surfaces in order to remove any visible contaminants (e.g. blood, soil, etc.).
4. Dry the meter thoroughly with a cotton gauze or paper towel, taking care not to scratch the scanner lens and screen.
5. Dispose of the used towelette, cotton gauze/ paper towel, and used gloves in the proper receptacle.

B. Disinfection:

1. While wearing a new pair of clean gloves, use a fresh **DisCide Ultra Disinfection Towelette™ to wipe the exterior surfaces until all surfaces appear “wet”.
2. All surfaces must remain wet with disinfectant for no less than 60 seconds. (The manufacturer of these towelettes requires a minimum exposure (“wet”) time of 1 minute to insure disinfecting label claims. Other products may require different “wet” times. In all situations, manufacturers’ instructions must be followed)
3. After at least 60 seconds of “wet” time, carefully dry the glucometer with a cotton gauze or paper towel, taking care not to scratch the scanner lens and screen.
4. Dispose of the used towelette, cotton gauze/ paper towel, and used gloves in the proper receptacle.

Roche Accu-Chek Inform www.accu-chek.com/us

CDC www.cdc.gov/injectionsafety/blood-glucose-monitoring.html

****Caution:** Prior to using a fresh DisCide Ultra Disinfecting Towelette™, remove any excess disinfecting solution by squeezing the towelette and blotting excess on a dry paper towel.