



ASSURE[®] BRILLIANCE

COMPREHENSIVE SERVICE & SUPPORT PROGRAM

Cleaning and Disinfecting the Assure[®] Prism multi Blood Glucose Monitoring System

To minimize the risk of transmitting blood-borne pathogens, the cleaning and disinfection procedure should be performed as recommended in the instructions below.

The Assure[®] Prism multi Blood Glucose Monitoring System may only be used for testing multiple patients when standard precautions and the manufacturer's disinfection procedures are followed.

The meter should be cleaned and disinfected after use on each patient.

Cleaning and Disinfecting

The **cleaning procedure** is needed to clean dirt, blood and other bodily fluids off the exterior of the meter before performing the disinfection procedure.

The **disinfection procedure** is needed to prevent the transmission of blood-borne pathogens.

Environmental Protection Agency (EPA) registered disinfectant product may be used to clean and disinfect the blood glucose meter. The disinfectant wipes listed below have been shown to be safe for use with this meter. Please read the manufacturer's instructions before using their wipes on the meter.

Manufacturer	Disinfectant Brand Name	EPA #
Clorox [®] Professional Products Company	Clorox [®] Germicidal Wipes	67619-12
	Dispatch [®] Hospital Cleaner Disinfectant Towels with Bleach	56392-7
Professional Disposables International, Inc. (PDI)	Super Sani-Cloth [®] Germicidal Disposable Wipe	9480-4
Metrex [®] Research	CaviWipes1 [™]	46781-13

A list of effective EPA registered disinfectants can be found at the following website:
www.epa.gov/pesticide-registration/selected-epa-registered-disinfectants

Guidelines for cleaning and disinfecting the Assure Prism multi:

- + *Always wear the appropriate protective gear, including disposable gloves.*
- + *Open disinfectant package.*
- + *Wipe the entire surface of the meter using the towelette at least 3 times vertically and 3 times horizontally to clean blood and other body fluids from meter.*
- + *Dispose of the towelette.*
- + *Allow the exterior to remain wet for 1 minute, then wipe meter dry using a dry cloth.*
- + *Use caution as to not allow moisture to enter the test strip port, data port or battery compartment, as it may damage the meter.*

Please see the Assure Prism multi User Manual for step-by-step instructions on how to clean and disinfect the Assure Prism multi Blood Glucose Meter. If you have any questions, please contact Technical Customer Service at 800.818.8877, option 5.

CLEANING AND DISINFECTING FAQ

If a blood glucose meter is assigned to an individual resident and not shared, does it still need to be cleaned and disinfected?

CMS guidelines read that blood glucose meters need to be cleaned and disinfected after each use. It is our interpretation that individually assigned meters need to be cleaned and disinfected. Each meter in use is subject to QC testing per the facility's policy.

What can be used to clean a blood glucose meter?

Cleaning can be accomplished by wiping the meter down with soap and water or isopropyl alcohol, but will not disinfect a meter.

What can be used to disinfect a blood glucose meter?

Disinfecting can be accomplished with an EPA registered disinfectant detergent or germicide that is approved for healthcare settings or a solution of 1:10 concentration of sodium hypochlorite (bleach).

Go to www.assureusa.com/general.html for a list of wipes that have been tested on ARKRAY blood glucose meters.

Can cleaning and disinfecting be accomplished with one wipe?

Many wipes act as both a cleaner and disinfectant. If blood is visibly present on the meter, two wipes must be used; one wipe to clean and a second wipe to disinfect.

What will happen if a blood glucose meter is not cleaned and disinfected after use?

Per the CMS F-Tag 880 guideline, surveyors may issue a citation if they observe no cleaning and disinfecting of meters after a blood glucose test as they would not be in compliance with CMS F-Tag 880.

It is important that a LTC facility establish a program for infection control and identify a key individual responsible for the overall program oversight. The program should include addressing the cleaning and disinfection of blood glucose meters along with other equipment and environmental surfaces. The program should involve establishing goals and priorities, planning, strategy implementation, post-surveillance and more. Additionally, staff roles and responsibilities should be identified and training should be documented. It is also important to provide education on infection control and the proper use of products. More information on establishing a comprehensive infection prevention and control program can be found in the CMS Infection Control Guidance Document.

F-Tag 880

As of November 28, 2017, the CMS will implement phase 2 of cleaning and disinfecting standards in the facility assessment code 483.70

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Infection Control Requirements for Blood Glucose Monitoring

What is the Centers for Medicare and Medicaid Services (CMS) F-Tag 880?

F-Tag 880 is an interpretive guideline for infection control programs in Long Term Care facilities. It is put in place to prevent, recognize and control the onset and spread of infection. F-Tag 880 is used for guidance by CMS Regional Offices and State Survey Agencies for [re-]certification and complaint investigations.

Does F-Tag 880 only apply to blood glucose meters?

No, F-Tag 880 applies to all resident care equipment and environmental surfaces, including blood glucose meters.

Why is Cleaning and Disinfecting of blood glucose meters such a high priority?

Blood glucose meters are at high risk of becoming contaminated with bloodborne pathogens such as Hepatitis B Virus (HBV), Hepatitis C Virus (HCV) and Human Immunodeficiency Virus (HIV). Transmission of these viruses from resident to resident has been documented due to contaminated blood glucose devices. According to the Centers for Disease Control and Prevention, cleaning and disinfecting of meters between resident use can prevent the transmission of these viruses through indirect contact.

How often do blood glucose meters need to be cleaned and disinfected?

Per CMS F-Tag 880 Transmittal 55, blood glucose meters need to be cleaned and disinfected after each use for individual resident care. Lancets for obtaining a blood sample need to be properly disposed of after one use.

More information is available at
<http://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html>

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