AssureBrilliance®

Comprehensive Service & Support Program

Cleaning and Disinfecting your Assure® Platinum Blood Glucose Meter

ARKRAY has made a good-faith effort to test the durability and functionality of the Assure® Platinum meter with the most commonly used wipes. EPA-registered wipes were used in the study. Our testing confirmed the following wipes will not damage the functionality or performance of the meter through 3,650 cleaning and disinfecting cycles.

Manufacturer	Disinfectant Brand Name	EPA#
Clorox	Dispatch® Hospital Cleaner Disinfectant Towels with Bleach Clorox Healthcare™ Bleach Germicidal Wipes Clorox Healthcare™ Hydrogen Peroxide Cleaner Clinical Surface Wipes EZ-Kill® Disinfectant/Deodorizing/Cleaning Wipes	56392-8 67619-12 67619-25 59894-10
Medline	Micro-Kill Individual 3"x 3" Wipe	69687-1
Cambridge Sensors USA	Microdot® Bleach Wipe	69687-1
Metrex	CaviWipes™	46781-8
Professional Disposables International, Inc. (PDI)	Super Sani-Cloth® Germicidal Disposable Wipes Sani-Cloth® Bleach Germicidal Disposable Wipe Sani-Cloth® AF Germicidal Disposable Wipes	9480-4 9480-8 9480-5
Virox Technologies	Accel TB Hydrogen Peroxide Cleaner/Disinfectant	74559-3

Go to **http://www.assureusa.com/cleandisinfect** for the most up-to-date information on approved cleaning and disinfecting procedures and materials for ARKRAY blood glucose meters.

For wipes not listed, we recommend you create supporting documentation to justify your choice. Choosing a wipe not listed above could shorten use life or affect performance of the Assure Platinum meter. If you experience any issues , please contact ARKRAY Technical Customer Service immediately to obtain a free replacement meter. ARKRAY recommends testing meters with control solution anytime you suspect the system is not functioning properly.

Please see the Assure Platinum QA/QC Manual or User Instruction Manual for step-by-step instructions on how to clean and disinfect the Assure Platinum Blood Glucose Meter.

If you have questions, please contact our Technical Customer Service department 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/cleandisinfect** 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 441 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 441.

It is important that an 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 441

Infection Control Requirements for Blood Glucose Monitoring

What is the Centers for Medicare and Medicaid Services (CMS) F-Tag 441?

F-Tag 441 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 441 is used for guidance by CMS Regional Offices and State Survey Agencies for [re-]certification and complaint investigations.

Does F-Tag 441 only apply to blood glucose meters?

No, F-Tag 441 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 441 Transmittal 55 dated December 2, 2009, 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.cms.gov/Regulations-and-Guidance/Guidance/Transmittals/index.html
http://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html or
www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm224025.htm

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