

Nova StatStrip Glucose Meter Cleaning and Disinfecting

Introduction

- Preventing and reducing the risk of infections associated with medical equipment, devices and supplies is an important responsibility of all members of the health team.
- In January 2022, there was an update to the OSUWMC Nova StatStrip Glucose Meter policy to better align the cleaning and disinfecting of the meters with the manufacturer's instructions for use (MIFU). The update requires **two wipes** for cleaning and disinfecting the meters.



Situation/ Background

- During unit rounding and tracers it has been identified that proper cleaning and disinfecting of the Nova StatStrip Glucose Meters remain a concern for our patients.
- Failure to follow manufacturer's instructions to properly clean and disinfect the meters **spreads infection amongst patients and staff.**
- TJC states that the manufacturer instructions must be followed. Out of compliance is designated high and widespread on the safer matrix.

Assessment

- The Nova MIFU states that the StatStrip Glucose Meter **MUST** be **cleaned and disinfected after each patient use** to minimize the risk of transmission of blood-borne pathogens between patients and healthcare professionals.

Follow the below protocol to ensure effective and compliant cleaning and disinfection.

2 WIPES, 3 SWIPES

Step 1: Clean the Meter

- Remove one wipe from the container
- Wipe the external surface of the meter thoroughly and discard the wipe

Step 2: Disinfect the Meter

- Remove a **second fresh wipe** from the container
- Wipe the external surface of the meter again (front, back, left, and right sides) a minimum of three times horizontally followed by 3 times vertically **avoiding the bar code scanner and electrical connector**
- Gently wipe the surface area of the test strip port making sure that no fluid enters the port

Step 3: Contact Time

- Follow wipe manufacturer's instructions for use for contact/wet time printed on the front of container. **Purple = 2 minutes, Orange = 4 minutes**

*It is being observed that only one wipe is being used to perform both cleaning and disinfection. The above protocol is the manufacturer approved method and must be followed. **TWO wipes must be used.***

Recommendation

All testing personnel / end users of the Nova StatStrip glucose meter should review the following documents to familiarize themselves with proper cleaning and disinfection of the Nova StatStrip Glucose Meters. Please click on the hyperlinks to take you to the resources.

[OSUWMC Glucose by Nova StatStrip SOP](#)- Section 11 outlines the approved cleaning and disinfection of the Nova StatStrip glucose meters.

[Manufacture's Instruction for Use](#)- Reference Section 6.3, page 60, for the proper protocol.

[Disinfectant Wipe Tip Sheet](#)