

## Cleaning and Disinfecting the Nova Xpress® Glucose Meter

**Purpose:** This procedure describes the indications and steps for cleaning and disinfecting the Nova Xpress® Glucose Meter.

**Note:** Island Health Policy 15.7P *Medical Devices and Information Management/Information Technology Equipment Cleaning and Disinfection* (18 Jul 2016) stipulates all multi-use equipment must be cleaned between patients/residents use.

- Glucose meters must be cleaned after each use if used for multiple patients

### Definitions:

**Cleaning** is the physical removal of dirt and organic matter (80%). Cleaning is an essential component of best practice. Use *one* wipe to clean.

**Disinfection** is the removal and destruction of most pathogens by the use of friction (cleaning) and use of a disinfectant. Use *two* wipes to disinfect.

### Product:

For general cleaning/disinfection: Use **Accel PREvention wipes** — 0.5% accelerated hydrogen peroxide with a 3 minute contact time.

For Clostridium difficile (Clostridioides difficile): Use **PCS 5000 wipes** — 0.5% sodium hypochlorate (when available) with a 5 minute contact time. Wipes available from housekeeping in some areas.

### Procedure A: Cleaning the Nova Xpress® Glucose Meter

ACTION		Related Documents Title Number
1	Determine if meter requires cleaning: <ul style="list-style-type: none"><li>• Cleaning is performed after each use when used for multiple patients</li></ul>	
2	Perform hand hygiene and don clean gloves.	
3	Gather supplies: meter, appropriate wipes (ensure expiry date has not been exceeded).	
4	Squeeze out excess moisture from wipe before applying to surface.	
5	Place item to be cleaned on a level surface and wipe entire exterior <ul style="list-style-type: none"><li>• For meter ensure moisture does not enter device through open ports or electrical connector outlets</li></ul>	
6	Discard wipe.	

<b>7</b>	Allow surface to remain wet for <b>3 minutes</b> for general cleaning and for <b>5 minutes</b> for C difficile cleaning.	
<b>8</b>	Remove gloves and discard or continue with disinfecting procedure if indicated.	

### Procedure B: Disinfecting the Nova Xpress® Glucose Meter

<b>ACTION</b>		
<b>1</b>	Determine if meter requires disinfecting: <ul style="list-style-type: none"> <li>• Surface is soiled with blood.</li> <li>• Meter has been exposed to an individual requiring additional precautions.</li> <li>• Meter has been exposed to an infectious agent.</li> <li>• Glucose meter requires disinfecting routinely every 7 days.</li> </ul>	
<b>2</b>	Perform hand hygiene and don clean gloves.	
<b>3</b>	Follow steps 3–8 of Procedure A (cleaning) to clean surface of meter.	
<b>4</b>	Repeat steps 3–9 of Procedure A (cleaning) to disinfect surface of meter with a new appropriate wipe. Allow the surface(s) to remain wet for an additional <b>3 minutes</b> to allow for disinfection and for <b>5 minutes</b> for C difficile cleaning.	
<b>5</b>	Remove gloves and perform hand hygiene.	

### References:

- Island Health, Policy 15.7P Medical Devices and Information Management/Information Technology Equipment Cleaning and Disinfection (18 Jul 2016).
- Canadian Standards Association, Z314.8-14 Decontamination of reusable medical devices (p35)
- Nova Biomedical StatStrip® Glucose Hospital Meter REF 53678
- StatStrip Glu IFU 1.86 PN53678B EN Canada CD