

Section: Division of Nursing

\*\*\*\*\*  
\* GUIDELINE \*  
\*\*\*\*\*

Index: 7420.091c  
Page: 1 of 2  
Issue Date: August 5, 2006

Approval:

Creamer RN BSN

HACKETTSTOWN REGIONAL MEDICAL CENTER

Originator: Paula Vacca, RN, CGRN

GENERIC  
(Scope)

TITLE: Use of CIDEX® OPA Solution for Manual Processing at 20°C

PURPOSE: It is the policy at HRMC that all high level disinfectants (HLD) be utilized in a safe and effective manner. This guideline will

- Provide guidelines for staff using high level disinfectants
- Identify employee safety practices when working with high level disinfectants
- Utilize high level disinfectants in an efficacious manner

NOTE: Contact with CIDEX® OPA Solution may stain skin or clothing. If the solution contacts skin, wash with soap and water for a few minutes. The stain should disappear within 1-2 days. Solution may also stain environmental surfaces such as walls, floors and countertops.

CONTENT

Clinical Actions

Rationale

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Don personal protective equipment (PPE):           <ul style="list-style-type: none"> <li>- Gloves</li> <li>- Eye Protection</li> <li>- Fluid-repellent gown</li> </ul> </li> <li>2. Thoroughly clean all instruments.</li> <li>3. Rinse instrument surfaces and lumens with large amounts of fresh water.</li> <li>4. Remove excess moisture from the instruments by gently drying.</li> <li>5. Read the directions for use on the bottle label and package insert, then pour CIDEX® OPA Solution into a CIDEX Solution tray or appropriate container. Solution left in bottle may be stored for up to 75 days.</li> <li>6. Record the date that the solution was poured from the original container, and the date that it can no longer be reused (not to exceed 14 days).</li> <li>7. Immerse clean, dry instruments completely in the CIDEX® OPA Solution.</li> <li>8. Cover the CIDEX® Solution Tray securely and soak instruments for 12 minutes at 20°C.</li> </ol> | <p>PPE must always be worn when handling contaminated instruments and equipment or working with chemicals.</p> <p>The first step in the disinfection process is thorough cleaning with a mild protein dissolving detergent.</p> <p>Residual detergent must be removed prior to disinfection.</p> <p>This will reduce the dilution of CIDEX® OPA Solution by residual rinse water. Refer to instrument manufacturer's labeling for additional instructions on disassembling, cleaning and leak testing of instruments.</p> <p>Log books are available from ASP. Obtain additional log sheets at <a href="http://www.cidex.com">www.cidex.com</a>.</p> <p>Ensure that all instruments are completely submerged, and fill any lumens with solution.</p> <p>High-level disinfection is accomplished in 12 minutes.</p> |
|--|--|

9. Following disinfection, rinse instruments thoroughly, flushing all channels and lumens  
Sterile water is recommended for rinsing. See package insert for detailed directions.
10. Repeat the rinse process twice, for a total of 3 rinses. Each rinse should use a fresh volume of sterile or potable water.  
Each rinse should be a minimum 1 minute in duration.
11. Following processing, thoroughly dry the instruments. SGNA standards state, "*Flush all channels, including accessory channels, with alcohol until the alcohol can be seen exiting the opposite end of each channel.*"  
See manufacturer's instructions for drying flexible endoscopes.
12. Disinfected instruments should be used immediately, or stored in a manner to minimize recontamination.  
Refer to manufacturer's labeling for additional storage or handling instructions.
13. Test CIDEX® OPA Solution prior to each use with CIDEX® OPA Solution Test Strips.  
Verify the Minimum Effective Concentration (MEC) of orthophthalaldehyde is present.
14. Discard CIIDEX® OPA Solution after 14 days, even if test strips indicate a concentration above the MEC.  
CIDEX® OPA Solution may be discarded down hospital and office drains in accordance with local regulations.