**Infection Control “Quick List” of Products Confirmed Effective**

OSHA Blood Borne Pathogen Standard (OSHA) became U.S. law in March 1992. U.S. Department of Health & Human Services Centers for Disease Control & Prevention (CDC) released “Guidelines for Infection Control in the Dental Health-Care Settings” in 2003. Product recommendations were not part of either of these IC standards. This leaves clinicians dangerously guessing when faced with evaluation of advertising claims vs. actual product performance. This listing summarizes products tested by CR and found to have outstanding performance.

<table>
<thead>
<tr>
<th>BRAND NAME</th>
<th>DESCRIPTION</th>
<th>MANUFACTURER</th>
<th>PURCHASE SOURCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENVIRONMENTAL SURFACE DISINFECTANT</strong></td>
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<tr>
<td><strong>CR Criteria:</strong> Fast acting, broad spectrum kill of a resistant bacteria (TB (tuberculosis)) and a resistant non-enveloped virus (poliovirus I) in presence of fresh human whole blood.</td>
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<tr>
<td>BioSurf Bag-in-Box and LeCloth Wipes</td>
<td>84% volume ethyl alcohol, 0.02% chlorhexidine gluconate (3 minute contact time); wipes do not interfere with disinfectant activity</td>
<td>Micrylion</td>
<td>Most Dental Distributors</td>
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<tr>
<td>Lysol Brand III IC Disinfectant Spray</td>
<td>73% volume ethyl alcohol (10 minute contact time)</td>
<td>Reckitt Benckiser</td>
<td>Most Dental Distributors</td>
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<tr>
<td>GermXtra (Canada only)</td>
<td>89–90% volume ethyl alcohol (3 minute contact time)</td>
<td>Germiphene</td>
<td><a href="http://www.germiphene.com">www.germiphene.com</a></td>
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<tr>
<td><strong>FACE MASKS</strong></td>
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<tr>
<td><strong>CR Criteria:</strong> Adapts well to facial contours (peripheral fit), high filtration of very small particles, and does not contact nose or lips.</td>
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<tr>
<td>Critical Cover PFL (Positive Face Lock)</td>
<td>Headband or earloop; latex free (#615 series)</td>
<td>Alpha ProTech</td>
<td><a href="http://www.henryschein.com">www.henryschein.com</a></td>
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<tr>
<td>Isolator Plus N95</td>
<td>N95 NIOSH respirator rated</td>
<td>Crosstex</td>
<td>Most Dental Distributors</td>
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<tr>
<td><strong>PREFORMED CUP MASK</strong></td>
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<tr>
<td>Triple Layer Molded</td>
<td>Pre-formed cup with headband</td>
<td>3M</td>
<td>Most Dental Distributors</td>
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<tr>
<td><strong>EYE PROTECTION</strong></td>
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<tr>
<td><strong>CR Criteria:</strong> Has side shields, tolerates routine disinfection, comfortable, and economical.</td>
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<tr>
<td>Googles Eye Shields</td>
<td>Disposable eye covering; kit of 1 frame, 25 lenses, and 1 neck strap</td>
<td>KaVo Kerr Group</td>
<td>Most Dental Distributors</td>
</tr>
<tr>
<td>HSI Safety Shield</td>
<td>Single-use face shield</td>
<td>Henry Schein</td>
<td><a href="http://www.henryschein.com">www.henryschein.com</a></td>
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<tr>
<td><strong>FOR OPERATOR OR PATIENT</strong></td>
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<tr>
<td><strong>SHIELD FOR OPERATOR</strong></td>
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<tr>
<td>Rollens</td>
<td>“Rolled” tension eye protection in clear, gray, and amber</td>
<td>Rollens</td>
<td><a href="http://www.rollens.com">www.rollens.com</a></td>
</tr>
<tr>
<td>KIMTECH Lens Cleaning Station</td>
<td>Solution and disposable cloth in kit for eye protection cleaning (product code: 34644)</td>
<td>Kimberly Clark</td>
<td>Most Dental Distributors</td>
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<tr>
<td><strong>GLOVES</strong></td>
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<tr>
<td><strong>CR Criteria:</strong> Low manufacturing defects, good fit, good tactile sensitivity, no bitter taste, no tackiness after wetting, resistance to tearing, adequate cuff lengths, and economical.</td>
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<tr>
<td><strong>CR Note:</strong> There are many proven gloves. The movement from latex to nitrile or polychloroprene is encouraged because of increasing latex allergies.</td>
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<td><strong>NITRILE</strong></td>
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<tr>
<td>Alasta</td>
<td>Non-sterile, medical-grade, ambidextrous nitrile glove</td>
<td>Dash Medical</td>
<td><a href="http://www.dashmedical.com">www.dashmedical.com</a></td>
</tr>
<tr>
<td>Maverick</td>
<td>Non-sterile, medical-grade, ambidextrous nitrile glove</td>
<td>Mun Global</td>
<td><a href="http://www.gloveonglobal.com">www.gloveonglobal.com</a></td>
</tr>
<tr>
<td>Miracle</td>
<td>Non-sterile, medical-grade, ambidextrous nitrile glove</td>
<td>Adenna</td>
<td><a href="http://www.adenna.com">www.adenna.com</a></td>
</tr>
<tr>
<td>StarMed PLUS</td>
<td>Non-sterile, medical-grade, ambidextrous nitrile glove</td>
<td>Sempermed USA</td>
<td><a href="http://www.sempermedusa.com">www.sempermedusa.com</a></td>
</tr>
<tr>
<td>Transcend</td>
<td>Non-sterile, medical-grade, ambidextrous nitrile glove</td>
<td>Cranberry</td>
<td><a href="http://www.cranberryglobal.com">www.cranberryglobal.com</a></td>
</tr>
<tr>
<td><strong>POLYCHLOROPRENE</strong></td>
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<tr>
<td>Posi-Prene Edge</td>
<td>Non-sterile, medical-grade, ambidextrous polychloroprene glove</td>
<td>Clinical Supply Company</td>
<td>clinicalsupplycompany.com</td>
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<tr>
<td><strong>UTILITY GLOVES (RE-USABLE AFTER DISINFECTION)</strong></td>
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<tr>
<td>IMS Lilac Gloves</td>
<td>Steam-sterilizable utility glove</td>
<td>Hu-Friedy</td>
<td><a href="http://www.hu-friedy.com">www.hu-friedy.com</a></td>
</tr>
</tbody>
</table>
## BRAND NAME

### GLOVES (Continued)

### LATEX

- **Nova Polymer Lined**
  - Description: Non-sterile, medical-grade, ambidextrous latex glove
  - Manufacturer: Sentry Medical
  - Source: www.sentrymedical.com

- **Perfect Touch (flavored)**
  - Description: Non-sterile, medical-grade, ambidextrous latex glove
  - Manufacturer: PlakSmacker
  - Source: www.plaksmacker.com

- **Innova Polymer Coated**
  - Description: Non-sterile, medical-grade, ambidextrous latex glove
  - Manufacturer: Mun Global
  - Source: www.gloveonglobal.com

- **SoftSkin (aloe vera and vitamin E)**
  - Description: Non-sterile, medical-grade, ambidextrous latex glove
  - Manufacturer: Quantum Labs
  - Source: www.quantumlabs.com

### HANDCARE

**CR Criteria:** Rapid antimicrobial activity, both residual and cumulative activity.

#### 4% CHLORHEXIDINE FORMULATIONS

- **Hibiclens**
  - Description: 4% chlorhexidine liquid
  - Manufacturer: Möhlycke Health Care
  - Source: Most Dental Distributors

### HAND RUB / GEL

- **Purell Advanced**
  - Description: 70% volume ethyl alcohol gel
  - Manufacturer: GoJo
  - Source: Most Dental Distributors

### INSTRUMENT DISINFECTION

**CR Criteria:** Fast acting, broad spectrum kill of a resistant bacteria (TB (tuberculosis)) and a resistant non-enveloped virus (poliovirus I) in presence of fresh human whole blood.

#### 3%+ GLUTARALDEHYDE

- **Maxicide Plus**
  - Description: 3.4% glutaraldehyde soak (order #10-6860)
  - Manufacturer: Henry Schein
  - Source: www.henryschein.com

- **pdCARE Plus**
  - Description: 3.4% glutaraldehyde soak (order #087-7043)
  - Manufacturer: Patterson
  - Source: www.pattersondental.com

### INSTRUMENT WASHER / DISINFECTOR

- **Dental Washer Disinfector**
  - Description: Under counter model #PG8581
  - Manufacturer: Miele
  - Source: www.mieleusa.com

- **Hydrim L110W G4**
  - Description: Under counter or free-standing model, internet connected
  - Manufacturer: SciCan
  - Source: www.scican.com

### STERILIZERS

**CR Criteria:** Provide sterilization of instruments to meet FDA specifications.

#### STEAM HEAT STERILIZER, RAPID

- **StatIM G4 (2000, 5000)**
  - Description:
    - 2000: steam; small chamber (107.8 in³)
    - 5000: steam; large chamber (315 in³)
  - Manufacturer: SciCan
  - Source: www.scicanusa.com

#### STEAM HEAT STERILIZER, CONVENTIONAL

- **EZ11Plus**
  - Description: Steam; large chamber (1,882 in³)
  - Manufacturer: Tuttnauer
  - Source: www.tuttnauerusa.com

- **M11 UltraClave**
  - Description: Steam; large chamber (1,710 in³)
  - Manufacturer: Midmark
  - Source: www.midmark.com

#### DRY HEAT STERILIZER

- **DDS7000**
  - Description: Rapid dry heat; small chamber (675 in³)
  - Manufacturer: Dentronix
  - Source: www.dentronix.com

### STERILIZER MONITORING

**CR Criteria:** Biological monitors that verifies sterilization using 1 million spores of genus and specie appropriate to sterilizer type.

- **Maxitest Mail-In-Sterilizer Monitoring Service**
  - Description:
    - Kit: test and control monitor with pre-paid envelope
  - Manufacturer: Henry Schein
  - Source: www.henryschein.com

### DENTAL UNIT WATERLINES

**CR Criteria:** Lower heterotrophic organism counts in water emitted from unit syringes and handpieces to <500 colony forming units per milliliter.

#### CONTROL OF MUNICIPAL WATER COUNTS

- **Sterisil System**
  - Description: Continuous treatment for multiple ops by UV treatment, silver ion, and filtration for distilled quality water
  - Manufacturer: Sterisil
  - Source: www.terisil.com

- **VistaClear 1000-28-HP**
  - Description: Continuous treatment for multiple ops by filtration and oxidation / reduction process
  - Manufacturer: Vista Research Group
  - Source: www.vistaresearchgroup.com

#### CONTROL OF INDEPENDENT WATER BOTTLE COUNTS

- **Sterisil Straw V2**
  - Description: Continuous treatment with silver ions
  - Manufacturer: Sterisil
  - Source: www.terisil.com

### AIR PURIFIERS

**CR Criteria:** Units should have air flow rate of 300–800 CFM, variable speeds, acceptable noise level, high particulate removal, odor reduction, and minimal maintenance (washable and/or replaceable filters).

- **Cascade White**
  - Description: Standalone; 6 filters to reduce dust, odor/vapor, pathogens
  - Manufacturer: Surgically Clean Air
  - Source: www.surgicallycleanair.com

- **Phantom**
  - Description: Installed; filtration to reduce dust, odor/vapor, pathogens
  - Manufacturer: Gordon Cleanroom
  - Source: www.gordon-inc.com

- **Pro L with Pro SmokeStop filter**
  - Description: Standalone; filters to reduce dust, odor/vapor, pathogens
  - Manufacturer: Blueair
  - Source: www.blueair.com

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