

# INFECTION PREVENTION GUIDELINES



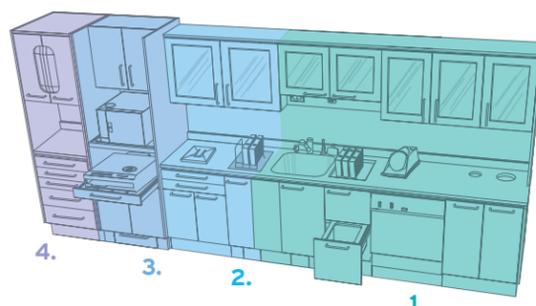
*Do you know if your office is following the proper infection prevention protocol?*

*Instrument processing is a key part of any office infection control program and must be performed properly to help ensure patient safety. This in-office Infection Prevention checklist incorporates the recommendations of the 2003 Centers for Disease Control and Prevention (CDC) Guidelines for Infection Control in Dental Health Care Settings. Please refer to the complete set of CDC guidelines for Infection Control in Dental Health Care Settings, available free of charge on the CDC website.*

## INSTRUMENT PROCESSING AREA

The dental practice should have a designated central processing area divided physically, or at least spatially, into separate areas for:

1. Receiving, Cleaning & Decontamination
2. Preparation & Packaging
3. Sterilization
4. Storage



## INSTRUMENT PROCESSING GUIDELINES

- Work practice controls should be used to minimize handling of loose, contaminated instruments during transportation to the central processing area.  
For example: *Instruments should be transported in a covered container.*
- Dental team members should be trained to use work practices that prevent contamination of clean areas.  
For example: *Sterilized instrument packs and clean supplies should be stored away from the area where contaminated instruments are held or cleaned.*

IMS INFINITY SERIES™ CASSETTES



## 1. RECEIVING, CLEANING & DECONTAMINATION

- Cleaning should precede all disinfection and sterilization processes; it should involve removal of debris as well as organic and inorganic contamination.
- If visible debris is not removed, it will interfere with microbial inactivation and can compromise the disinfection or sterilization process.
- Puncture-/chemical-resistant utility gloves should be worn when handling contaminated instruments and when performing instrument cleaning and decontamination procedures.
  - › Use automated cleaning equipment (e.g., ultrasonic cleaner or washer-disinfector) to increase productivity, improve cleaning effectiveness and decrease worker exposure to blood and body fluids.
  - › Work practice controls (such as a long-handled brush) should be used to minimize contact with sharp instruments if manual cleaning is necessary.
  - › After cleaning, instruments should be rinsed with water to remove chemical or detergent residue.
- Appropriate PPE (mask, protective eyewear and protective clothing) should be worn when splashing or spraying is anticipated during cleaning.



ENZYMEX® & ENZYMAX EARTH™ DUAL ENZYME ULTRASONIC DETERGENT



LILAC UTILITY GLOVES

## 2. PREPARATION & PACKAGING

- After cleaning, critical & semi-critical instruments should be inspected for remaining debris.
- Before sterilization, instruments and other patient-care items should be assembled into sets (cassettes) or trays, and wrapped, packaged, or placed into a container system for sterilization. They should be packaged using an FDA-cleared container system or wrap that is compatible with the type of sterilization process being used and designed to maintain sterility after the sterilization cycle. An internal chemical indicator should be placed inside each instrument package prior to sterilization.
  - › If the internal indicator is not visible from outside the package, an external indicator should be affixed to the pack.
- Packages should be labeled with the date and, if multiple sterilizers are used within the facility, the sterilizer used should also be labeled. (This simplifies retrieval of processed items in case of a sterilization failure.)

IMS CASSETTE WRAP  
IMS MONITOR TAPE



STERILIZATION PRODUCTS

## 3. STERILIZATION (MONITORING)

- Mechanical, chemical, and biological monitors should be used according to the manufacturer's instructions to ensure the effectiveness of the sterilization process.
  - › Each load should be monitored with mechanical and chemical indicators.
- A chemical indicator should be placed on the inside of each instrument package to be sterilized.
  - › If the internal indicator is not visible from the outside, another chemical indicator should be added to the outside of package.
- Place packages correctly and loosely into the sterilizer so the sterilant can properly reach all contents.
- If mechanical or chemical indicators suggest inadequate processing, instruments should not be used until reprocessed.
- Sterilizers should be monitored at least weekly using a biological indicator and a matching control. (Using both a test and a control indicator from the same lot ensures that factors outside of the sterilization process have not affected the spores' ability to be cultured.)
  - › The test indicator should be placed within an instrument pack and be sterilized with a normal load.
  - › The control indicator – which is not subjected to a sterilization cycle – should be incubated at the same time as the test indicator.
- If a spore test comes back positive, the proper troubleshooting procedures should be implemented. (For instructions on managing sterilization failures, visit the CDC Guidelines for Infection Control in Dental Health Care Setting-2003 at: <http://www.cdc.gov/mmwr/PDF/rr/rr5217.pdf>)
- Sterilization records (mechanical, chemical, and biological) should be maintained in compliance with state and local regulations.

SPORECHECK  
24 HOUR  
IN-OFFICE TEST



Results Results

## 4. STORAGE & USE

- Store sterile items in covered or closed cabinets.
- Examine all sterilized packs before opening for use to ensure the barrier wrap has not been compromised during storage.
  - › Reclean, repack and re-sterilize any instrument package that has been compromised.



Visit us online at [Hu-Friedy.com](http://Hu-Friedy.com) for more infection prevention resources.

Please see other side for product re-order information.

For complete information about infection prevention guidelines, please refer to the CDC guidelines at [www.cdc.gov/mmwr/PDF/rr/rr5217.pdf](http://www.cdc.gov/mmwr/PDF/rr/rr5217.pdf)

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**Hu-Friedy**

# HU-FRIEDY INFECTION PREVENTION PRODUCTS

## CLEANING AND CARE PRODUCTS

### ULTRASONIC CLEANING SOLUTIONS

Enzymax Earth Liquid Gallon Bottle	<input type="checkbox"/>	IMS-1336
Enzymax Earth PAX Dissolvable (32 packets / 96 packets)	<input type="checkbox"/>	IMS-1332 <input type="checkbox"/> IMS-1333
Enzymax Liquid Packets (40 per box)	<input type="checkbox"/>	IMS-1222
Enzymax Liquid Gallon Bottle	<input type="checkbox"/>	IMS-1226
Enzymax Liquid Gallon Pump	<input type="checkbox"/>	IMS-1226P
Enzymax Liquid Quart Bottle	<input type="checkbox"/>	IMS-1224
Enzymax Liquid Quart Pump	<input type="checkbox"/>	IMS-1224P
Enzymax Spray Gel, 24 fl. oz	<input type="checkbox"/>	IMS-1229
Enzymax Powder (1.76LB)	<input type="checkbox"/>	IMS-1230
IMS Daily Clean General Purpose Detergent (1.1LB / 5LB)	<input type="checkbox"/>	IMS-1220 <input type="checkbox"/> IMS-1218
Enzymax PAX Dissolvable (32 packets / 96 packets)	<input type="checkbox"/>	IMS-1232 <input type="checkbox"/> IMS-1233

### STAIN AND RUST REMOVERS

Shine reNEW™ Stain and Rust Remover, 1 Gallon	<input type="checkbox"/>	IMS-1453
Shine reNEW™ Instrument Wipes (20 wipe container)	<input type="checkbox"/>	IMS-1455

### INSTRUMENT LUBRICANTS

Instrument Lubricant Penetrating Oil, 8 oz	<input type="checkbox"/>	IPS
Instrument Lubricant Spray, 8 oz	<input type="checkbox"/>	ILS

### LILAC UTILITY GLOVES

Small, Size 7	<input type="checkbox"/>	40-060	Medium, Size 8	<input type="checkbox"/>	40-062
Large, Size 9	<input type="checkbox"/>	40-064	Extra Large, Size 10	<input type="checkbox"/>	40-066

### DENTAL WATERLINE CLEANER

Team Vista™ Dental Unit Waterline Cleaner	<input type="checkbox"/>	IMS-1450CA*	<input type="checkbox"/>	IMS-1450
VistaTab™ Dental Waterline Cleaner Tablet	<input type="checkbox"/>	IMS-1451CA*	<input type="checkbox"/>	IMS-1451
VistaClean™ Irrigant Solution Concentrate	<input type="checkbox"/>		<input type="checkbox"/>	IMS-1452

### CLEANING MONITORS

Ultrasonic Cleaning Monitors	<input type="checkbox"/>	IMS-1200U	Washer-Disinfector Cleaning Monitors	<input type="checkbox"/>	IMS-1200W
Cleaning Monitor Holder	<input type="checkbox"/>	IMS-1200H			

## STERILIZATION PRODUCTS

### STERILIZATION PACKAGING

Bagette Pouches, 2 1/4" x 4"	<input type="checkbox"/>	IMS-1346			
Bagette Pouches, 2 3/4" x 9"	<input type="checkbox"/>	IMS-1347			
Bagette Pouches, 3 1/2" x 9"	<input type="checkbox"/>	IMS-1236			
Bagette Pouches, 5 1/4" x 10"	<input type="checkbox"/>	IMS-1348			
Bagette Pouches, 7 1/2" x 13"	<input type="checkbox"/>	IMS-1237			
Bagette Pouches, 10" x 14"	<input type="checkbox"/>	IMS-1238			
Bagette Pouches, 12" x 17"	<input type="checkbox"/>	IMS-1239			
Bagette Pouches, 13" x 20"	<input type="checkbox"/>	IMS-1345			
Autoclave Wrap 24" x 24"	<input type="checkbox"/>	IMS-1210	Autoclave Wrap 15" x 15"	<input type="checkbox"/>	IMS-1211
Autoclave Wrap 20" x 20"	<input type="checkbox"/>	IMS-1212	Autoclave Wrap 12" x 12"	<input type="checkbox"/>	IMS-1213
Universal Wrap 24" x 24"	<input type="checkbox"/>	IMS-1214	Universal Wrap 15" x 15"	<input type="checkbox"/>	IMS-1215
Universal Wrap 20" x 20"	<input type="checkbox"/>	IMS-1216	Universal Wrap 12" x 12"	<input type="checkbox"/>	IMS-1217

\*Please see [Hu-Friedy.com](http://Hu-Friedy.com) for suggested contents for each pouch and wrap size recommendations.

### CHEMICAL INDICATORS

IMS Steam Sterilization Indicators (250 per box)	<input type="checkbox"/>	IMS-1240
IMS Steam Sterilization Integrators (100 pack)	<input type="checkbox"/>	IMS-1241

### IMS MONITOR TAPE: 3/4" (19MM)

Ortho	<input type="checkbox"/>	IMS-1243	Cement	<input type="checkbox"/>	IMS-1253	Orange	<input type="checkbox"/>	IMS-1263
Archwire	<input type="checkbox"/>	IMS-1244	Composite	<input type="checkbox"/>	IMS-1254	Purple	<input type="checkbox"/>	IMS-1264
Banding	<input type="checkbox"/>	IMS-1245	Endo	<input type="checkbox"/>	IMS-1255	Yellow	<input type="checkbox"/>	IMS-1265
Bonding	<input type="checkbox"/>	IMS-1246	Exam	<input type="checkbox"/>	IMS-1256	Red	<input type="checkbox"/>	IMS-1266
Restorative	<input type="checkbox"/>	IMS-1247	Extraction	<input type="checkbox"/>	IMS-1257	Green	<input type="checkbox"/>	IMS-1267
Surgery	<input type="checkbox"/>	IMS-1248	Perio	<input type="checkbox"/>	IMS-1258	Blue	<input type="checkbox"/>	IMS-1268
X-Ray	<input type="checkbox"/>	IMS-1249	Prophy	<input type="checkbox"/>	IMS-1259	Black	<input type="checkbox"/>	IMS-1269
Amalgam	<input type="checkbox"/>	IMS-1251	Pedo	<input type="checkbox"/>	IMS-1260	Lead Free Blank	<input type="checkbox"/>	IMS-1460
C&B	<input type="checkbox"/>	IMS-1252	Gray	<input type="checkbox"/>	IMS-1262	Blank	<input type="checkbox"/>	IMS-1250

Tape Dispenser (Holds up to 9 rolls)	<input type="checkbox"/>	IMS-1270
Mini Tape Dispenser (Holds up to 4 rolls)	<input type="checkbox"/>	IMS-1270H

### BIOLOGICAL MONITOR SYSTEM

SporeCheck 24 hour in-office steam sterilizer starter kit	<input type="checkbox"/>	IMS-1376
Includes: Record Notebook, 1 Dry Block Incubator with built-in vial crusher and 1 SporeCheck BI (Box of 25)		
SporeCheck In-Office Test (25 Tests/100 Tests)	<input type="checkbox"/>	IMS-1373 <input type="checkbox"/> IMS-1373H
SporeCheck 55- 60° Dry Block Incubator	<input type="checkbox"/>	IMS-1374
SporeCheck Sterilizer Record Notebook	<input type="checkbox"/>	IMS-1375

## HAND CARE PRODUCTS

Hand Essentials™ Skin Repair Cream, 32 Fl oz Bottle	<input type="checkbox"/>	IMS-1500CA*	<input type="checkbox"/>	IMS-1500
Hand Essentials Skin Repair Cream 4 Fl oz Tube	<input type="checkbox"/>		<input type="checkbox"/>	IMS-1501
Hand Essentials Skin Repair Cream Tube 2 Fl oz Tube	<input type="checkbox"/>	IMS-1502CA*	<input type="checkbox"/>	IMS-1502
Hand Essentials Moisturizing Lotion, 33.8 Fl oz Bottle	<input type="checkbox"/>	IMS-1503CA*	<input type="checkbox"/>	IMS-1503
Sterillium Comfort Gel® Hand Antiseptic, 16.06 Fl oz Bottle	<input type="checkbox"/>		<input type="checkbox"/>	IMS-1504
Sterillium Comfort Gel® Hand Antiseptic, 1.69 Fl oz Bottle	<input type="checkbox"/>		<input type="checkbox"/>	IMS-1504S
Hand Essentials Instant Hand Antiseptic, 16 Fl oz Bottle	<input type="checkbox"/>		<input type="checkbox"/>	IMS-1505
Hand Essentials Antibacterial Soap, 16 Fl oz Bottle	<input type="checkbox"/>		<input type="checkbox"/>	IMS-1506
Hand Essentials Lotion Soap, 16 Fl oz Bottle	<input type="checkbox"/>	IMS-1507CA*	<input type="checkbox"/>	IMS-1507

\*Indicates separate part code for Canada

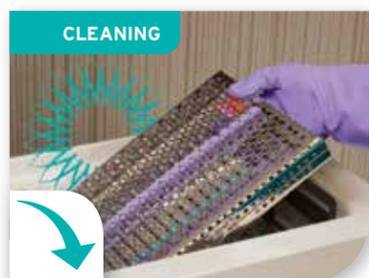


## HU-FRIEDY INSTRUMENT PROCESSING RESOURCE GUIDE

Implementing an infection prevention and instrument processing protocol that follows the CDC Guidelines can help your practice provide a safer and more comfortable environment for your staff and patients.

Use the instrument processing guidelines as a training resource and protocol support that can be easily accessed for program compliance.

Your Hu-Friedy Representative is always available to help and answer any questions you may have. Call 1-800-Hu-Friedy or visit [Hu-Friedy.com](http://Hu-Friedy.com) for more information.



\*Please visit [Hu-Friedy.com](http://Hu-Friedy.com) for our complete line of infection prevention products.

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