



Revised 9/17/10

High-Volume Evacuator (HVE), Saliva Ejector (SE), Air/Water Syringe Cleaning/Sterilization

The Valve Bodies of the HVE, SE and Air/Water Syringe are noncritical items according to the Centers for Disease Control and Prevention (CDC). According to the CDC; “noncritical reusable items may be decontaminated where they are used and do not need to be transported to a central processing area”.

DentalEZ recommends using a Phenolic (Dual) Water-Based disinfectant on the valve bodies between patients or using a single use disposable barrier designed specifically for use with the HVE, SE and Air/Water Syringe. Although the DentalEZ HVE and SE Valves are sterilizable to 135 C degrees autoclave and can be put into ultrasonic cleaner before autoclaving, this is not necessary for noncritical items. If you choose to sterilize the SE Valve, remove the screen basket and rubber tip first and use the Phenolic Water-Based disinfectant on the screen basket and rubber tip.

At the End of the Day:

High-Volume Evacuator Valve (HVE)

At the master vacuum control panel, shut off facility main evacuation system (vacuum). Wear puncture resistant gloves. With the high-volume evacuator vacuum valve in the **OFF** position, disconnect the valve. Using a brush, clean the interior of the valve under a faucet, and rinse thoroughly.

Saliva Ejector Valve

Disconnect the saliva ejector valve from the tubing and repeat the procedure described for the HVE.

NOTE: *After cleaning the high-volume evacuator, saliva ejector and solids collector, evacuate two cups of SlugBuster vacuum line*

cleaning solution (one cup each) through the high volume evacuator and saliva ejector to sanitize the system.

The tips for the HVE, SE and Air Water Syringe are semicritical items. CDC states; “Semicritical items minimally require high-level disinfection using chemical disinfectants. Cleaning followed by high-level disinfection should eliminate enough pathogens to prevent transmission of infection.” DentalEZ recommends an alternative to chemical disinfectants by using HVE, SE and Syringe Single use disposable tips or tips that can be sterilized between patients.

Sterilization for DentalEZ Sterilizable Syringe tip

1. Wear puncture resistant gloves to prepare tips for sterilization.
2. Remove the tip from the Syringe Valve Body.
3. Clean all external surfaces using a soft cloth or 2X2 with isopropyl alcohol.
4. Allow to Dry thoroughly. Do not use syringe air.
5. Place tip into sterilization bag; use paper or paper/plastic bags only.
6. Follow the sterilization guidelines as stated by your manufacturer’s sterilizer.
7. Sterilize per instructions below.
8. Allow to complete drying cycle. Damage can result to if not properly dried.

A **wrapped** tip should be steam sterilized at 132 C degree for a minimum of 10 minutes or at 121C degrees for a minimum of 50 minutes. Do not exceed 135C degrees.

An **unwrapped** tip should be steam sterilized at 132 C degree for a minimum of 8 minutes or at 121C degrees for a minimum of 30 minutes. Do not exceed 135C degrees.

Do not exceed the sterilizer manufacturer’s guidelines for load capacity.

Also, to prevent backflow and cross contamination to the patient during suction DentalEZ recommends the use of the disposable Safe-Flo Saliva Ejector™ tip.