

# Processing Ipas MVA Plus<sup>®</sup> Aspirators and Adapters

The following options are consistent with best practices regarding the reuse of Ipas MVA Plus aspirators and adapters. Use care when developing site protocols for processing Ipas MVA Plus aspirators and adapters. Chemicals or processing methods other than the ones listed here may cause damage. Aspirators and adapters must be purchased separately.

## Basics of Infection Prevention

- Wash hands immediately before and after every patient contact.
- Consider **all** blood and body fluids from **all** patients to be potentially infectious.
- Use personal protective barriers (gloves, gowns, face protection, shoes) when contact with blood or other body fluids is expected.
- Avoid skin punctures, especially when handling needles.
- Use *No-Touch Technique*: the tip of the cannula, or the tip of any other instrument that enters the uterus, should never touch nonsterile surfaces (including the vaginal walls) prior to insertion.

## 1 Soak Instruments Immediately After Use

Following the procedure, all aspirators and adapters, if used, that will be reused should be kept wet until cleaning.

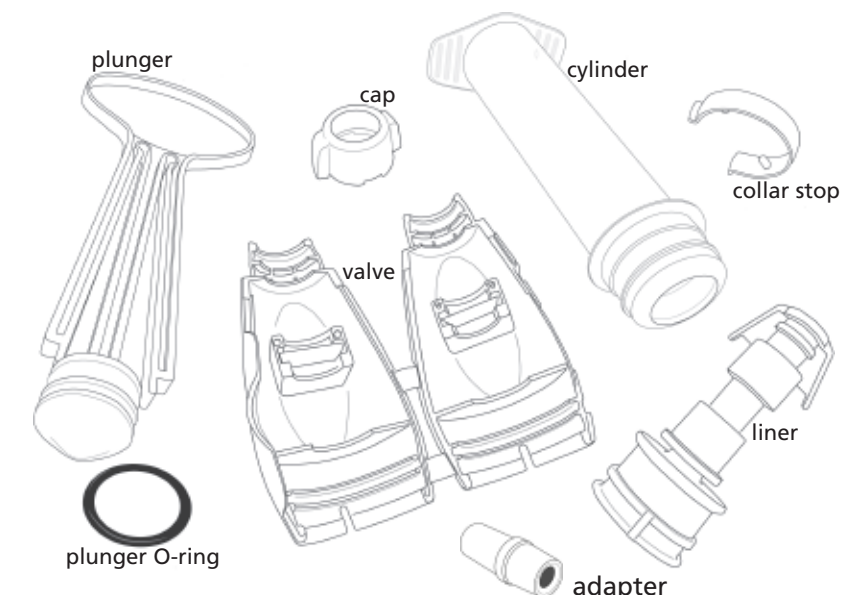
Using a 0.5% chlorine solution is an option. See OSHA precautions for use: [www.osha.gov/SLTC/healthguidelines/chlorine/recognition.html](http://www.osha.gov/SLTC/healthguidelines/chlorine/recognition.html), last accessed 07/27/07.

## 2 Clean all aspirators and adapters thoroughly in warm water and detergent, not soap. Wear gloves and face protection.

- Disassemble the aspirator by pulling the cylinder out of the valve. Remove the cap by pressing down the cap-release tabs with one hand and pulling off the cap with the other hand. Open the hinged valve by pulling open the clasp.
- Place right thumb alongside the right valve button and left thumb on the valve latch. With the left thumb, pull up and to the left on the valve latch while pushing down and out on the valve body with the right thumb. Remove the valve liner.
- Disengage the collar stop by sliding it sideways under the retaining clip, or remove the collar stop completely. Pull the plunger completely out. Displace the plunger O-ring by squeezing its sides and rolling it into the groove below.

Do not use pointed or sharp items to clean valve parts or to remove the O-ring. This could cause damage and prevent the device from maintaining vacuum.

Aspirators and adapters must be completely clean before further processing. If unable to remove blood or tissue from an aspirator or adapter during cleaning despite repeated attempts, discard the instrument.



**3 The Ipas MVA Plus aspirator and adapters are multiple-use devices that require high-level disinfection or sterilization prior to initial use and between patients. They do not need to be high-level disinfected or sterile at the time of use. All Ipas cannulae are single-use devices. After use, treat as infectious waste.**

## Processing Options

### High-Level Disinfect (HLD)

- Soak completely immersed in one of the following: **2% glutaraldehyde solution** (Cidex<sup>®</sup>) or other glutaraldehyde solutions for 20 minutes; Cidex OPA for 12 minutes; or Sporox<sup>®</sup> II for 30 minutes. Rinse aspirators as appropriate. Follow manufacturer's instructions. When working with glutaraldehyde solutions, see OSHA precautions for use: [www.osha.gov/SLTC/etools/hospital/hazards/glutaraldehyde/glut.html](http://www.osha.gov/SLTC/etools/hospital/hazards/glutaraldehyde/glut.html), last accessed 07/30/07.

### Sterilize

- Steam autoclave in linen or paper for 30 minutes at 250°F (121°C) with a pressure of 15 lbs/in<sup>2</sup> (106 kPa). **DO NOT USE HIGHER TEMPERATURES AS DAMAGE MAY OCCUR. This device cannot withstand temperatures of more than 250°F.**
- For **STERRAD<sup>®</sup> 100S Systems**, place the disassembled aspirator and adapters along with the chemical indicator strip inside each package. Place in the STERRAD 100S chamber. Process for one cycle according to manufacturer's instructions ([www.sterrad.com](http://www.sterrad.com), last accessed 07/30/07).
- Soak completely immersed in a 2% glutaraldehyde solution (Cidex) or other glutaraldehyde solutions for 10 hours or Sporox II solution for six hours. Rinse aspirators as appropriate. Follow manufacturer's instructions.

## 4 Store or Use Immediately

**Store:** Aspirators and adapters should be stored in dry, covered containers or packages, protected from dust and other contaminants.

**Before Use:** Reassemble, lubricate and check the vacuum of the aspirator.

- Place the valve liner in position inside the valve by aligning the internal ridges. Close the valve until it snaps in place. Snap the cap onto the end of the valve. Push the cylinder straight into the base of the valve without twisting.
- Place the plunger O-ring in the groove at the end of the plunger and lubricate it by spreading one drop of lubricant around the O-ring with a fingertip. Silicone or another non-petroleum-based lubricant can be used. Squeeze the plunger arms and insert the plunger fully into the cylinder. Move the plunger in and out to lubricate the cylinder. Insert the tabs of the collar stop into the holes in the cylinder.
- Check the vacuum by pushing the buttons and pulling the plunger until the arms lock. Leave in this position for two to three minutes, then release the buttons. A rush of air indicates that the aspirator maintained the vacuum.
- If no rush of air is heard, remove the plunger. Check the plunger O-ring and instrument for foreign particles and cracks. If the aspirator still loses vacuum, it should be discarded.

