

# Double Valve MVA



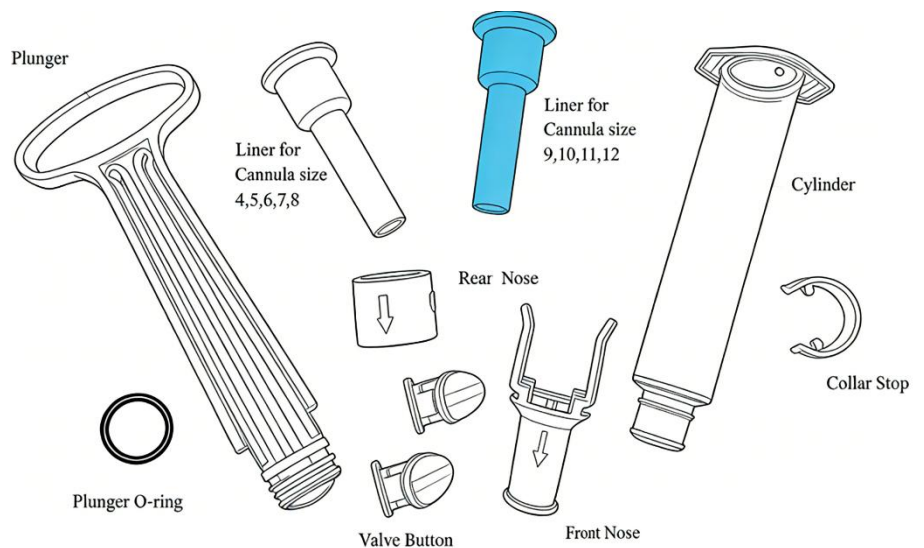
# Start-up Instruction

Version 2.0| Revised [2026.2.10]

## 1. Point-of-Use Preparation

The Choices® Double Valve MVA Kit includes:

- 1 Double Valve Aspirator
- 9 Cannulas (sizes: 4, 5, 6, 7, 8, 9, 10, 11, 12)



Note: Exercise caution when establishing site protocols for instrument processing.

## Critical Safety Guidelines

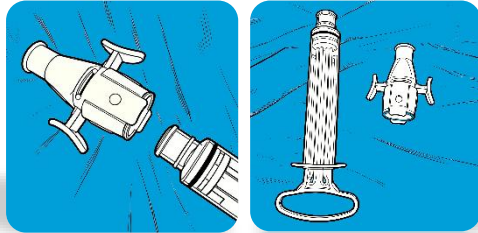
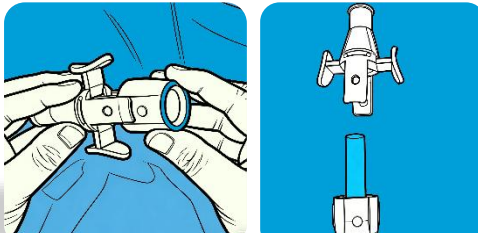
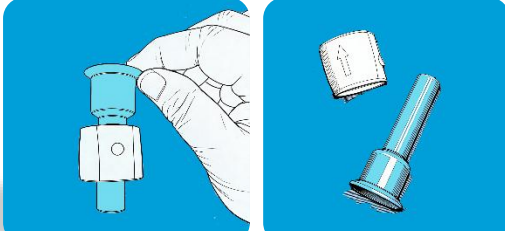
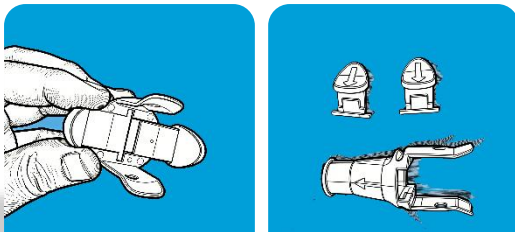
- Wash hands thoroughly immediately before and after attending to each patient.
- Treat all blood and body fluids from every patient as potentially infectious.
- Adhere to the No-Touch Technique: The tip of the cannula (or any instrument for uterine insertion) must not contact sterile surfaces (including vaginal walls) prior to insertion.

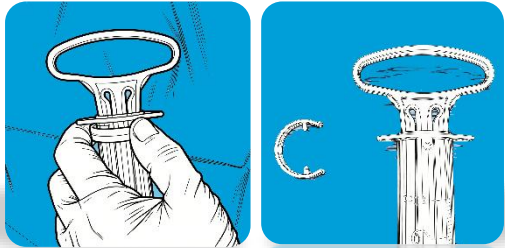
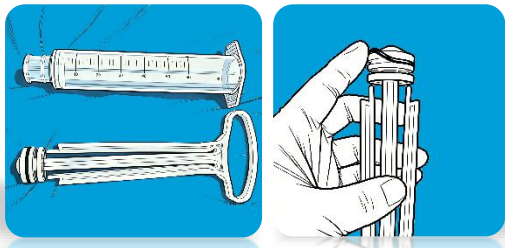
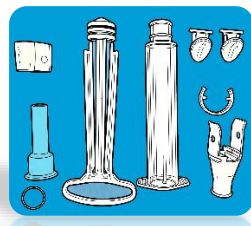
## 2. Cleaning and Disassembling Instruments

### 2.1 Required Protective Gear

- Wear gloves and face protection throughout the process.

### 2.2 Step-by-Step Disassembly & Cleaning

Step	Instructions	
①	<b>Clean surfaces:</b> Thoroughly clean all instrument surfaces with warm water and detergent (not soap).	
②	<b>Disassemble aspirator:</b> Pull the cylinder out of the valve.	
③	<b>Open front nose:</b> Open the two ears of the front nose; the rear nose will come out with the liner.	
④	<b>Extract rubber liner:</b> Remove the rubber liner from the rear nose.	
⑤	<b>Remove valve bottoms:</b> Take the two valve bottoms out of the front nose.	

<p>⑥</p>	<p><b>Disengage collar stop:</b> Remove the collar stop from the locking hole.</p>	
<p>⑦</p>	<p><b>Pull out plunger:</b> Fully pull the plunger out of the cylinder. Displace the plunger O-ring by squeezing its sides and rolling out of the groove below.</p>	
<p>⑧</p>	<p><b>Verify cleanliness:</b> Ensure each part of the syringe is fully clean before further processing.</p>	

## 2.3 Important Notes

<p><b>Re-use:</b> Syringe can be re-used after HLD (if regulations allow);</p> <p><b>Cannulas are single-use only.</b></p> <p>Discard immediately after use.</p>	<p><b>Sterilization Status:</b> Both syringe and cannula are EO sterilized.</p> <p>No cleaning/sterilization is required for the first use.</p>	<p><b>Liner Compatibility</b></p> <table border="1"> <thead> <tr> <th>Cannula Sizes</th> <th>Liner Color</th> </tr> </thead> <tbody> <tr> <td>4–8</td> <td>White</td> </tr> <tr> <td>9–12</td> <td>Blue</td> </tr> </tbody> </table>	Cannula Sizes	Liner Color	4–8	White	9–12	Blue
Cannula Sizes	Liner Color							
4–8	White							
9–12	Blue							

## 3. Processing Options

After cleaning, the Choices® MVA aspirator must be sterilized between patients to eliminate contaminants. Once processed, store the aspirator in a clean container.

Key Requirement: The aspirator must be fully disassembled for all processing methods.

### 3.1 Safety Precaution

Chemical processing agents are hazardous. When handling instruments:

- Wear personal protective equipment (PPE).
- Use a processing method with the highest effectiveness for optimal infection prevention.

### 3.2 High-Level Disinfection for Syringe

Choose one of the following methods:

1. **0.5% Chlorine Solution:** Fully immerse the syringe for 20 minutes. Replace the solution daily (or sooner if cloudy).
2. **2% Glutaraldehyde Solution** (e.g., Cidex® or equivalent): Fully immerse for the manufacturer-recommended duration (typically 20–90 minutes).
3. **Sporox® II Solution:** Fully immerse for 30 minutes.

### 3.3 Post-Processing Rinsing

If chemical agents were used, thoroughly rinse all parts of the Choices® MVA Aspirator with clean potable (drinking) water.

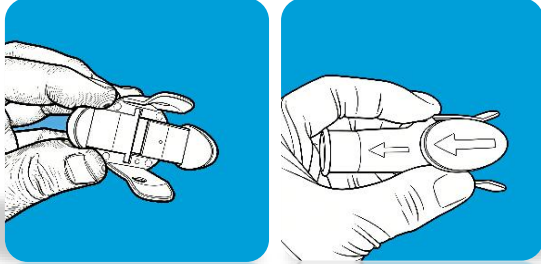
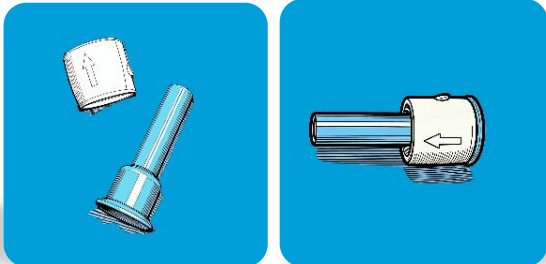
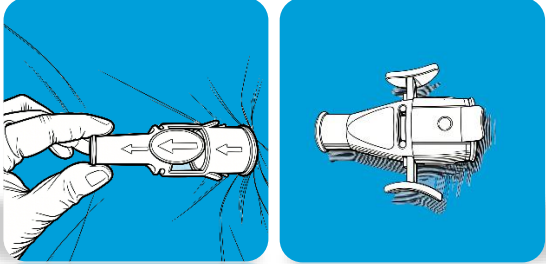
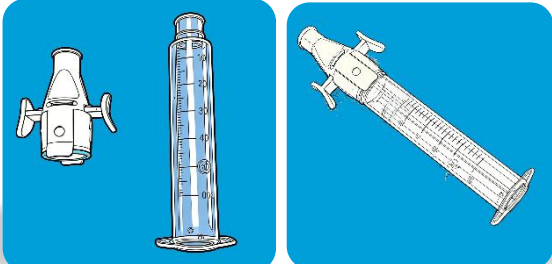
Reminder: **Cannulas are single-use**—discard after use.


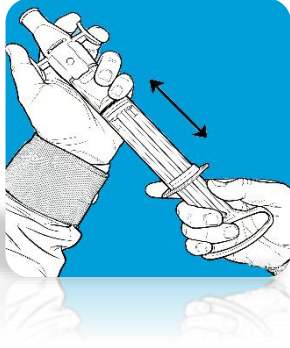

## 4. Storage

1. Dry the aspirator → Lubricate the O-ring → Reassemble the device → Store in a clean, dry area until use.
2. Ensure the aspirator remains high-level disinfected until its next use.
3. For subsequent procedures, use unpackaged, EO-sterilized cannulas.

## 5. Assembly and Re-use

Before use, reassemble the aspirator, lubricate relevant parts, and verify its vacuum capability by following the steps below:

Step	Instructions	
①	Place the two valve buttons into the front nose through the wide gap. Ensure the arrows align in the same direction.	
②	Attach the correct liner to the rear nose (White for sizes 4–8; blue for sizes 9–12).	
③	Insert the rear nose with liner into the front nose. Align all arrow marks to face the front. Secure the front nose and rear nose with the locking circle.	
④	Push the cylinder into the base of the valve (do not twist).	

<p>⑤</p>	<p>Place the plunger O-ring into the groove at the end of the plunger. Lubricate the O-ring with 1 drop of silicone/non-petroleum-based lubricant, then spread evenly with a fingertip.</p>	
<p>⑥</p>	<p>Squeeze the plunger arms, insert the plunger fully into the cylinder, and move it in/out several times to lubricate the cylinder interior.</p>	
<p>⑦</p>	<p>Insert the tabs of the collar stop into the holes in the cylinder.</p>	
<p>⑧</p>	<p><b>Test the vacuum:</b> Push the valve buttons down until locked → Pull the plunger back until the plunger arms lock → Hold for 2–3 minutes → Release the buttons. A rush of air confirms the aspirator maintained the vacuum.</p>	
<p>⑨</p>	<p><b>If no air rush is heard:</b> Remove the plunger, inspect the O-ring and instrument for foreign particles or cracks. If the vacuum still fails, discard the aspirator.</p>	