MyoSure Clinical In-Service
Set-Up Simplified
Illustrative Overview of MyoSure Procedural Connections

- Light Source
- Scope
- MyoSure Tissue Removal Device
- MyoSure® Control Unit
- MyoSure Foot Pedal
- Collection Canisters
- Fluid Pump
- Regulated Vacuum Source
- Saline
- Saline
1. MyoSure® Operative Hysteroscope, outflow channel, two single-use scope seals, and light source adaptor.

2. 1 MyoSure Control Unit and foot pedal.

3. 1 MyoSure Tissue Removal Device.

4. Camera, light cable, and video monitor.

5. Hysteroscopic fluid pump with pump inflow tubing.


7. 2-3 three liter collection canisters and tandem tubing.

8. 2-3 three liter bags (.9%) sterile saline.

9. 1 tissue trap.

10. Regulated vacuum source and tubing.

11. 1 under buttock drape with drainage port.
**STEP 1**

1. Connect first collection canister to vacuum source.*

**CANISTER CONFIGURATION(S)**

2. Tandem connect first canister to next canister(s) as referenced in the canister configuration diagram. Place tissue trap into last canister.

3. Set vacuum level per Fluid Pump Settings chart below.

4. Test vacuum level by placing finger over tissue trap opening to ensure all canisters are sealed.

5. Hang 2-3 three liter bags of sterile saline.*

---

**VACUUM TEST**

**Pressure Test**

Check Vacuum Prior to Use

---

**Fluid Distention Device**

<table>
<thead>
<tr>
<th>Brand/Model</th>
<th>Pressure Setting minimum (mmHg)</th>
<th>Flow Rate (ml/min)</th>
<th>Vacuum Setting (mmHg) (Primary Source)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davol HyDroFlex® HD</td>
<td>100</td>
<td>NA</td>
<td>275-300</td>
</tr>
<tr>
<td>Storz Endomat®</td>
<td>80</td>
<td>500</td>
<td>350-400 (0.5 bar)</td>
</tr>
<tr>
<td>Olympus, Wolf, Stryker</td>
<td>80</td>
<td>500</td>
<td>400</td>
</tr>
<tr>
<td>Smith &amp; Nephew</td>
<td>80</td>
<td>700</td>
<td>400</td>
</tr>
<tr>
<td>DOLPHIN II®</td>
<td>100</td>
<td>NA</td>
<td>300-400</td>
</tr>
</tbody>
</table>

---

**Note:** Depending on the size of the pathology being removed and the amount of saline used during diagnostic hysteroscopy and the procedure, three or more collection canisters and bags of saline may be required. The vacuum source connection should always be connected to the first canister in the chain. The last canister should be used to make patient connections such as the buttock drape and MyoSure Tissue Removal Device.

---

**Fluid Pump Settings:**

Note: To maintain distention or improve visualization, pump fluid pressure should be set between 75-100mmHg.

†Note: All systems may not be available in all countries.

**STEP 2**

1. Connect light source and camera to MyoSure® Hysteroscope.*

2. Attach pump tubing to pump and spike bags.

3. Connect inflow tubing to hysteroscope inflow port.*

4. Prime pump and Hysteroscope into a separate basin.

*Note: Sterile connection*
Connect outflow Y-tubing by attaching one short Y-tube end with clamp to the under buttock drape and the other short Y-tube end to the MyoSure® outflow channel.*

Connect long Y-tube end to the patient port of the last collection canister.

Reduce vacuum to buttock drape by clamping off tube as illustrated and instructed in RED below. (This is essential in order to maximize optimal performance of the MyoSure Tissue Removal Device while in use.)

* Note: Outflow channel for use during diagnostic phase only.

---

**STEP 3**

**Vacuum Outflow Configuration**

**Gravity Outflow Configuration**
1. Connect foot pedal to MyoSure® Control Unit (for reuse, place in protective cover).

2. Connect MyoSure Tissue Removal Device tubing to tissue trap.*

3. Connect MyoSure Tissue Removal Device drive cable to MyoSure Control Unit.

*Note: open MyoSure device sterile package upon hysteroscopic confirmation of intrauterine pathology.

*Note: All unused ports MUST be sealed to achieve required vacuum.
The following tips will help you manage poor uterine distention and/or poor field of view intra-operatively.

**Fluid Management System**
1. Verify saline bag clamp is open.
2. Verify that all canister lids are sealed.
3. Increase fluid pump pressure*.
4. Increase fluid pump flow rate.

**Under buttock drape**
1. Check buttock drape clamp to ensure it is not wide open. Clamp off.

**MyoSure Tissue Removal Device**
1. Retract MyoSure® Tissue Removal Device with leading edge of cutting window visible and depress foot pedal for 1-2 seconds to clear field.

**Hysteroscope**
1. Ensure inflow tubing is on the inflow port.
2. Ensure inflow tubing is not occluded or pinched.
3. Lower suction/vacuum level.

<table>
<thead>
<tr>
<th>Description</th>
<th>Order Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MyoSure® Hysteroscopic Tissue Removal System Control Unit</td>
<td>10-500</td>
</tr>
<tr>
<td>Includes: power foot pedal and users’ manual</td>
<td></td>
</tr>
<tr>
<td>MyoSure Hysteroscopic Tissue Removal Device (Package of 3)</td>
<td>10-403</td>
</tr>
<tr>
<td>MyoSure Hysteroscope with Removable Outflow Channel</td>
<td>40-250</td>
</tr>
<tr>
<td>MyoSure Hysteroscope and Outflow Channel End Cap</td>
<td>40-904</td>
</tr>
<tr>
<td>MyoSure Hysteroscope polishing Paste (Pack of 3)</td>
<td>40-905</td>
</tr>
<tr>
<td>MyoSure Hysteroscope Light Source Adapters-1 each: Wolf and Storz</td>
<td>ASY-04996</td>
</tr>
<tr>
<td>Single-use Seal Set, Hysteroscope and Outflow Channel (Box of 10)</td>
<td>40-902</td>
</tr>
<tr>
<td>MyoSure Rod Lens Hysteroscope Replacement Outflow Channel</td>
<td>40-201</td>
</tr>
<tr>
<td>MyoSure Hysteroscopic Tissue Removal System Control Unit Replacement Foot Pedal</td>
<td>10-903</td>
</tr>
<tr>
<td>MyoSure Hysteroscopic Tissue Removal System Control Unit Replacement Power Cord</td>
<td>10-900</td>
</tr>
</tbody>
</table>
For reference only. Hologic does not distribute this accessory.

<table>
<thead>
<tr>
<th>For Use With Canister Manufacturer/Brand†</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bemis® Healthcare™ Hi-Flow™ Rigid Canisters</td>
<td>533810</td>
</tr>
<tr>
<td>Cardinal Health Medi-Vac® Collection Canisters</td>
<td>(3000cc) 65652-122 (2000cc) 65652-123</td>
</tr>
<tr>
<td>DeRoyal®</td>
<td>71-1123</td>
</tr>
</tbody>
</table>

†Note: All systems may not be available in all countries. Part numbers may vary.