

Hemospray[®]

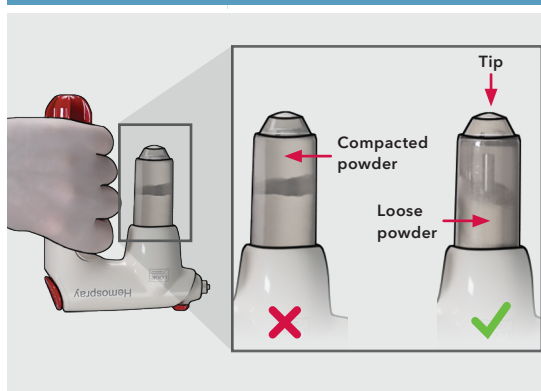
ENDOSCOPIC HEMOSTAT

Prep 1: Loosen the powder



Remove device from package. **Note:** Powder may compact during shipping or storage and must be agitated before use. Turn the handle upside down, then return it upright. While upside down only **(b)**, gently tap, flick, or shake the powder chamber to loosen compacted powder. **Note:** Do not tap, flick, or shake while upright **(a)**.

Prep 2: The powder should move freely



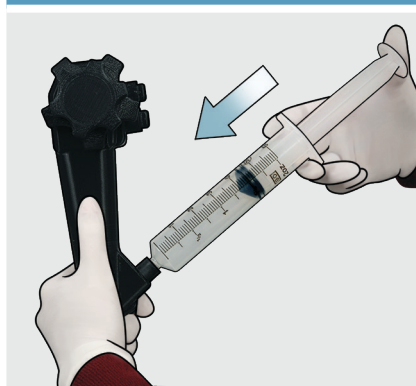
Continue agitating until powder moves freely when the handle is flipped. Figures above show unresolved and resolved compaction (a small amount of powder in tip is acceptable as shown by arrow).

Prep 3: Activate the CO₂ cartridge



Activate the CO₂ cartridge by turning the **red** activation knob until it stops.

Step 1: Flush with air



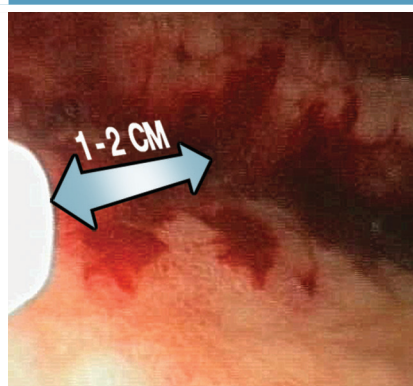
Before inserting the catheter into the accessory channel, identify the bleeding site, remove as much blood as possible, and then flush the accessory channel with air.

Step 2: Occlude the catheter



To limit fluid from entering the working channel, temporarily occlude the catheter by placing a thumb over the **red** catheter hub while advancing the catheter down the accessory channel.

Step 3: Advance the catheter



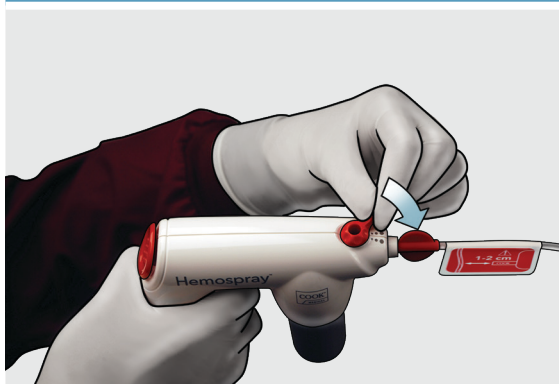
Slowly advance the catheter through the accessory channel in short increments until the catheter tip is visualized endoscopically. **Precaution:** To avoid catheter occlusion, do not place the catheter directly in contact with blood and/or mucosa, including any pooled blood, and do not aspirate blood while the catheter is in the accessory channel. To ensure proper visibility, the catheter tip should be 1–2 cm away from the bleeding site at all times.

Step 4: Attach the catheter



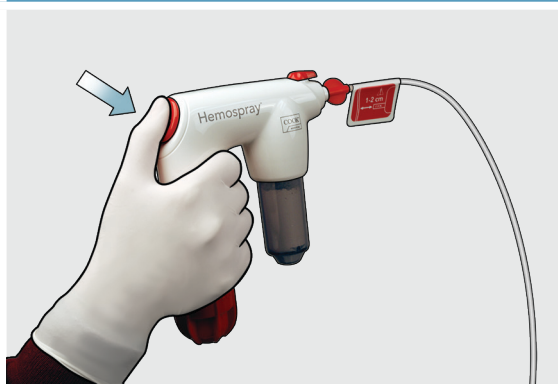
Attach the catheter to the handle, ensuring the connection is secure.

Step 5: Open the red valve



To allow the powder to deploy, turn the **red** valve to the open position. **Note:** The device is now active and ready for use. Do not press the trigger button until you want to deploy the powder.

Step 6: Deploy the powder

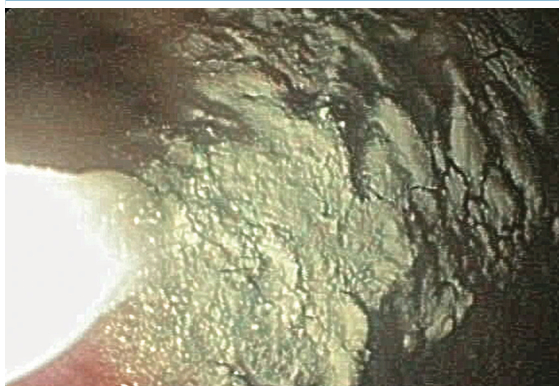


To deploy the powder, hold handle upright and depress the **red** trigger button for 1–2 seconds and then release it. **Precaution:** The first press of the trigger may not deploy an adequate amount of powder. Press the trigger again to continue the movement of powder through the system. Continue applying the powder in short bursts until the site is completely covered with powder and no active bleeding is visualized. Multiple applications may be required; however, no more than 3 Hemospray devices should be applied per patient.



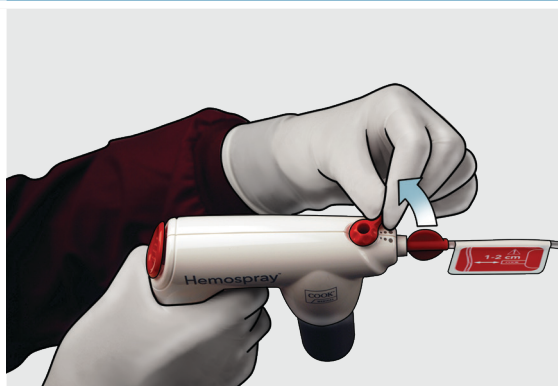
Note: Allow time for hemostasis before aspirating. Irrigation of the treated site is not required after powder deployment. If irrigation is desired, allow time for hemostasis before irrigating with water. To avoid potential endoscope occlusion, do not aspirate powder into the endoscope channel.

Step 6 (Continued)



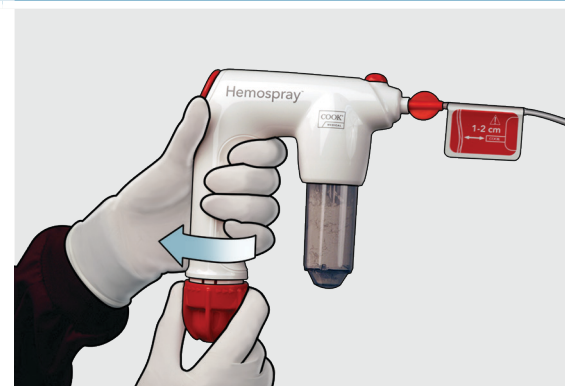
Scope suction can be turned off or disconnected temporarily to avoid accidental aspiration of powder into the scope channel. If the catheter becomes occluded during the procedure, turn the **red** valve to the closed position, remove the catheter from the endoscope, and replace it with the extra catheter provided in the package. Then repeat steps 1–6. If more powder is needed and the spray canister or CO₂ cartridge is empty, a new device is required.

Step 7: Close the red valve



Prior to removing the Hemospray device from the patient, turn the **red** valve to the closed position. To remove the device from the endoscope, grasp the catheter and pull slowly.

Step 8: Turn to depressurize the CO₂



Upon completion of the procedure, depressurize the device by rotating the **red** activation knob until the CO₂ cartridge depressurizes completely. **Dispose of device per institutional guidelines for biohazardous medical waste.**

Refer to current IFU for detailed system use.

Please follow any step-by-step instructions carefully, including the risk, technical information, Device Name, and intended use provided in the IFU at cookmedical.eu. Note that some products or part numbers may not be available in all markets; consult your Cook representative for details.