

# Procedure Reference Guide



Before using, inspect the package and expiration. If the package is damaged, contaminated, or out of date, the device should be discarded. Also, be sure to read and understand the manual before using the device.

### Step 1: Assemble spray body and prepare for use



Connect the catheter to spray body.



Ensure red valve is closed.



Screw the powder vial firmly to the spray body.



Remove the protective film from battery.



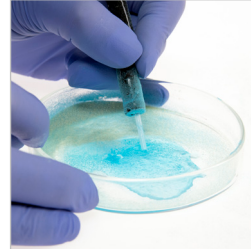
Turn on the spray body.

### Step 2: Position & spray



Insert the catheter into working channel.

- Do not aspirate while the catheter is in accessory channel
- To avoid catheter occlusion, do not place the catheter directly in contact with any fluids
- If the catheter tip is occluded, change to a new system

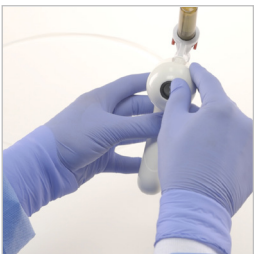


Position the catheter tip approx. 1-2 cm from the bleeding site.



Push up the red valve to spray Nexpowder™

### Step 3: Remove & dispose



Close the valve and turn off the powder prior to removing the device from the patient.



Remove the catheter from the working channel.



Upon completing the procedure, remove the batteries from the spray body.



Dispose of the device and batteries per institutional guidelines for biohazards and hazardous materials.

Ease of use.  
No precise targeting needed.  
Treat wide surfaces.<sup>1,2</sup>

Nexpowder™ hemostatic adhesive powder minimizes catheter clogging and particle scattering, leaving you a clearer field of view. Reacts to moisture, not just active bleeding, so it can be used in a variety of clinical applications.<sup>3,4</sup>



### Best practices

1

**Turn on before entering the accessory channel,** as air flow will prevent water from entering the catheter and occluding with gel.

2

**Avoid direct contact of the catheter tip and target lesion** to avoid the catheter powder turning to gel and occluding.

3

**Do not aspirate while the catheter is in the working channel;** this will cause moisture to enter the catheter and may result in occlusion.

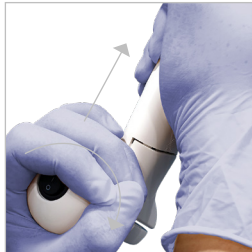
4

**Remove suction valve prior to introducing Nexpowder™** or prior to the procedure to prevent pulling moisture into the catheter and occluding.

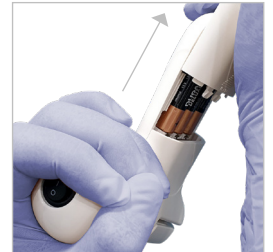
### How to open the battery cover



Hold the spray body around the power switch.



Twist with both hands in opposite directions and slide up the cover.



**Indications for Use:** Nexpowder™ is used for most of GI bleeding. The device is applied during an endoscopic procedure and can cover ulcer or bleeding sites. The device is not intended for use in patients with variceal bleeding. **Note:** Do not use this device for any purpose other than stated intended use. **Please see Instructions for Use for complete important safety information.**

### References

1. Gralnek I, Dumonceau JM, Kuipers E, et al. Diagnosis and management of nonvariceal upper gastrointestinal hemorrhage: European Society of Gastrointestinal Endoscopy (ESGE) Guideline. *Endoscopy* 2018;47:1-46.
2. ASGE Technology Committee, Wong Kee Song LM, Banerjee S, Barth BA, et al. Emerging technologies for endoscopic hemostasis. *Gastrointest Endosc.* 2012 May;45(5):933-7.
3. Park JS, Bang BW, Hong SJ, et al. Efficacy of a novel hemostatic adhesive powder in patients with refractory upper gastrointestinal bleeding: a pilot study. *Endoscopy.* 2019 May;51(5):458-462.
4. Park JS, Kim HK, Shin YW, et al. Novel hemostatic adhesive powder for nonvariceal upper gastrointestinal bleeding. *Endosc Int Open.* 2019 Dec;7(12):E1763-E1767

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