# **OLYMPUS**

# EndoClot<sup>®</sup> Polysaccharide Hemostatic System (PHS) Quick Reference Guide

CAUTION: This guide is only a summary of the instructions for use for the EndoClot Hemostatic System. Be sure to follow the instruction manual included in the device packaging.

### **Getting Started**



**1** Ensure that the EndoClot Air Compressor is powered on, the green light is on "H" and that air is exiting the white tube.



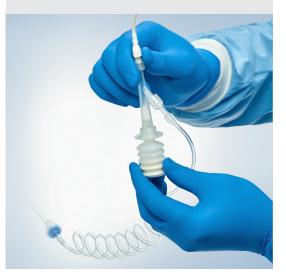
2. Open EndoClot Applicator. Peel back cover on package.





 Open EndoClot Absorbed Modified Polyper (AMP<sup>®</sup>) particles. Ensure that the correct volume (3g or 5g) AMP particles are chosen. 4. Connect EndoClot Applicator to Air Compressor Tubing. Connect the blue gas filter to the Air Compressor white tube.

NOTE: Ensure that the particle dispenser is kept in a upright position. This will help prevent product spilling into the mixing chamber. This is the "off" position for delivery of Endoclot PHS to the bleeding site.



**5.** Attach the AMP particle dispenser firmly onto the end of the gas/powder mixing chamber.

## EndoClot<sup>®</sup> PHS

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### Insert catheter into endoscope



6. Insert EndoClot applicator catheter into endoscope channel until catheter exits tip of endoscope. Avoid bending catheter while inserting.

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



Direct contact of the catheter tip with any fluid must be avoided to prevent blockage. If the catheter is occluded, replace it with a new one, and then repeat the process.

### **Begin flow of particle**



NOTE: Angles greater than 60 degrees during this step may cause occlusion of the product in the particle dispenser.

 Gently tilt the particle dispenser (at a
45-degree to 60-degree angle) to begin the flow of powder into the mixing chamber. This is the "on" position for delivering EndoClot PHS to the bleeding site.

Ensure the tubing is facing away from you.



**R**\_ Deliver powder to bleeding site.

While particle dispenser is in the "on" position (upside down with air tubing facing away), begin tapping gently on the back of the particle dispenser. Spray a liberal amount of AMP<sup>®</sup> particles on the site.

The AMP particles can be irrigated at any time to confirm hemostasis.



NOTE: If bleeding continues, irrigate excess AMP particles with a saline solution, then re-apply.

When hemostasis is achieved, return the particle dispenser to an upright position to stop the flow of particles.

Once hemostasis is achieved, remove excess AMP particles with irrigation.

Additional treatment modalities may be applied at this point.

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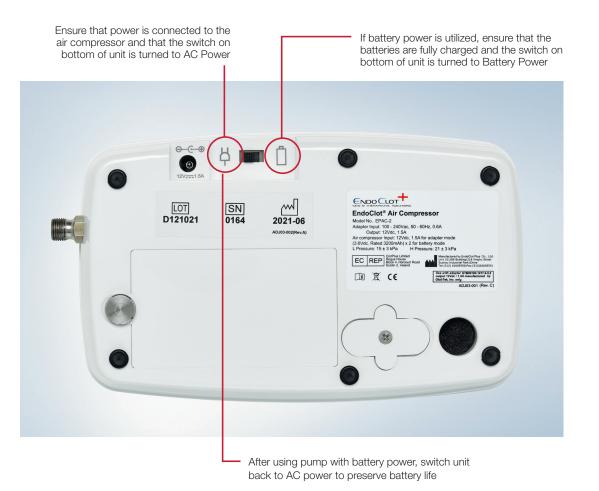
### Insert catheter into endoscope

#### **Application Techniques:**

- Removing excess blood from the site of bleeding prior to application is essential to achieve optimal hemostatic efficacy.
- Hold the AMP particle dispenser in an upright position to avoid spillage when inserting the catheter into the endoscope.
- To avoid occlusion, keep the catheter tip 1-2 cm away from the lesion at all times.
- Direct contact of the catheter tip with any fluid must be avoided to prevent blockage caused by reverse flow. If the catheter is occluded, replace it with a new one, and then repeat the process.
- Follow your standard guidelines for reprocessing of the endoscope.

#### Troubleshooting

#### Air Compressor won't turn on



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