

CoAxial Spray Kit

Simplifying the Application of Platelet-Rich Plasma
onto Graft Material

Surgical Technique



CoAxial Spray Kit

The Zimmer Biomet Biologics CoAxial spray applicator provides an efficient and convenient way to load and apply platelet-rich plasma (PRP).

CoAxial Spray Kit Advantages

- Two applicator syringes and two tips included in each kit allow user to completely load both applicators for time savings (Figure 1).
- Replaces current method of transferring PRP into a plastic cup on the sterile field.
- Simplistic design allows for loading of PRP in a single step.
- Ensures 10:1 ratio of liquids (Figure 2).
- Provides fine mist spray without need for additional equipment or air source (Figure 3).



Figure 1
Contents of CoAxial
Spray Kit (800-0270)



Figure 2

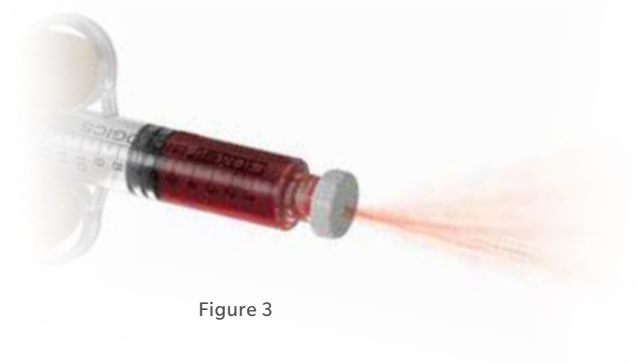


Figure 3

Instructions for Use



Figure 4

Step One

Transfer the CoAxial Spray Kit and Tips to the sterile field. Pre-assemble Y-connector to each CoAxial sprayer.

ⓘ **Note:** Ensure Y-connector is fully tightened.



Figure 5

Step Two

Remove red cap on Y-connector and attach PRP-filled syringe.

ⓘ **Note:** Ensure PRP-filled syringe is attached to red, angled end of Y-connector.



Figure 6



Figure 7

Step Three

Remove clear cap on Y-connector and attach syringe containing clotting factors.

- ⓘ **Note:** Ensure PRP syringe is loaded on red connector side and clotting factors syringe is attached on clear, straight side.

Step Four

Push down on the PRP-filled syringe plunger. Once the PRP-filled syringe plunger is pushed, the clotting factors syringe automatically loads into a separate chamber. This ensures a 10:1 ratio.

- ⓘ **Note:** Filling is complete when either the smaller or larger syringe is void of liquid. At this time, stop depressing plunger to ensure a 10:1 ratio.

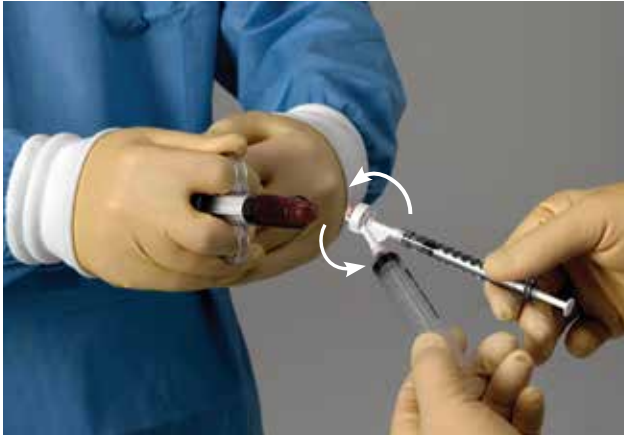


Figure 8

Step Five

Remove the Y-connector and attached syringes as one complete fixture from the CoAxial Sprayer.



Figure 9

Step Six

Assemble the sterile spray tip onto the CoAxial Sprayer by twisting onto the threaded hub.

Note: If needed, the second CoAxial Sprayer can be loaded in the same fashion.



Figure 10

Step Seven

The PRP can now be sprayed onto the graft material of choice.*

* The CoAxial Applicator System is designed to facilitate pre-mixing of allograft, autograft, or synthetic bone graft materials for application to an orthopedic surgical site, with autologous blood, plasma, platelet-rich plasma, or other specific blood component(s) as deemed necessary by the clinical use requirements. In addition, the CoAxial Applicator System is intended for the application of autologous blood, plasma, platelet-rich plasma, or other specific blood component(s), as deemed necessary by the surgeon's determination of the clinical use requirements to facilitate the preparation of soft tissue autograft or allograft material prior to the application of the graft material to a repair site.

Ordering Information

Part Number	Description
800-0270	CoAxial Spray Kit with two spray tips
800-0274	CoAxial 4-inch Malleable Dual Spray Tip

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