

Practice makes perfect

BioSeal CVC Powder is effective for use on a wide range of access sites, both vascular and non-vascular. Below are general guidelines that can be adapted to your specific application or protocol. The application of BioSeal CVC Powder is technique dependent. Therefore, we encourage you to practice applying the Powder Containment Device (PCD), pouring powder, and holding pressure over the site.

Protocol tips

Placing the PCD - If PCD is needed

- Use of the PCD is optional. It is provided to help apply powder to non-horizontal surfaces. If PCD is not needed, simply pour powder onto site, apply pressure and dress per protocol.
- To apply powder using the PCD, place the PCD around the catheter with the slit facing "gravity up".

Applying Powder



- Try to make application area as flat as possible (less vertical).
- Avoid using gauze, as it may adhere to the powder and disrupt the seal when removed.
- Fill the PCD with powder. There is extra powder in the bottle in case of a rebleed.
- Pile powder to completely cover site. If desired, foam insert may be placed in center of PCD to cover powder.

Holding Pressure



- Apply firm, continuous pressure for two minutes directly over site with dry gloved fingers or non-adherent dressing to achieve hemostasis and seal the access site.
- Extend hold times as needed based on:
 - Anti-coagulation levels, low platelets, ACT levels
 - Larger French sizes

Dressing the Site



- Cover with transparent dressing; make sure entire site is covered.
- Apply BioSeal CVC sticker on dressing making sure powder/site is still visible.
- Provide Patient Discharge Instructions (available online if needed).

Line Maintenance/Discontinuation

- Remove transparent dressing from site.
- Brush away any excess powder.
- Clean site following normal protocol, however do not remove the seal around the catheter.
- If discontinuing line, gently remove line. You may feel an initial "tug" as the seal is broken.
- Apply BioSeal CVC Powder if bleeding occurs.
- Dress site per team protocol.