Axillary Insertion Kit Now Available

WHAT’S NEW?

The Axillary Insertion Kit is now available for use with the Impella 5.0™ and Impella CP™. This kit may allow the user to minimize blood loss during insertion and reduce bulk at the insertion site post implant by peeling away a hemostatic introducer and inserting the Impella repositioning sheath for the duration of support.

BACKGROUND

Placement of Impella heart pumps via the axillary artery can improve patient ambulation. The Axillary Insertion Kit has been specifically designed to reduce blood loss and insertion times versus the previously recommended sponge plug technique.

SUMMARY

The Abiomed Axillary Insertion Kit includes three components:

- One 6cm 23F peel away introducer with a hemostatic valve.
- One 8F silicone coated dilator.
- Two graft locks to facilitate fixation of a 10mm vascular graft to the sheath.

Note: A vascular graft is not included in the kit.

The 23F introducer and hemostatic valve allow for simple insertion of an Impella heart pump over a wire while maintaining hemostasis. The dilator is silicone coated and should be inserted through the peel-away valve to lubricate the valve prior to Impella heart pump insertion. The graft locks eliminate the need for sutures or umbilical tape to secure the sheath to the graft.
PUTTING IT INTO PRACTICE

RECOMMENDED: USE A 10MM HEMASHIELD PLATINUM GRAFT\(^1\)

To improve ease of Impella insertion, a 20cm beveled graft is anastomosed to the axillary artery using a 60–70 degree bevel. A soft jaw vascular clamp and not a bare hemostat is recommended to clamp the graft during introducer insertion and removal. Once the peel away introducer is removed, shorten the graft to desired length and insert the repositioning sheath into the graft.

USE OF THE 23F PEEL AWAY INTRODUCER

Use the silicone coated dilator immediately prior to insertion of the Impella heart pump to maximize lubrication of the hemostatic valve. To improve ease of insertion, insert the Impella heart pump through the center of the hemostatic valve. To minimize blood loss during pump insertion, make sure the graft is clamped using a soft jaw clamp until the pump motor has passed through the valve.

GRAFT LOCKS

Open the graft lock by pulling the two outside tabs away from each other and place the graft lock over the graft between the retainers and the introducer hub.

To secure the graft lock, press both outside tabs together and press firmly to engage.

To release the graft lock, press the two long adjacent tabs together.

\(^1\) Refer to Hemashield Platinum Instructions for Use for additional information.

There are other WARNINGS and PRECAUTIONS associated with Impella devices. Visit [www.protectedpci.com/hcp/information/isi](http://www.protectedpci.com/hcp/information/isi) and [www.cardiogenicshock.com/hcp/information/isi](http://www.cardiogenicshock.com/hcp/information/isi) to learn more.