

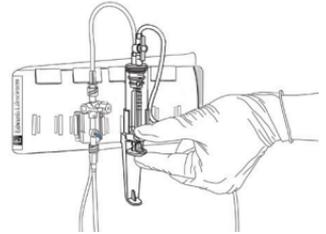
# VAMP Plus Closed Blood Sampling System

Venous Arterial blood Management Protection system

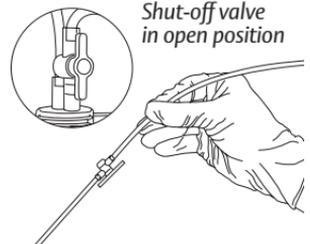
## Quick Reference Guide

### Priming

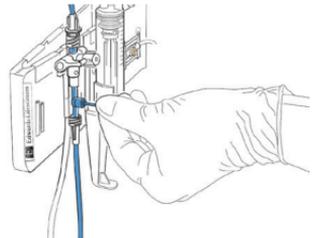
1. Push the reservoir plunger to the closed and locked position. You will hear an audible 'click' when locked.



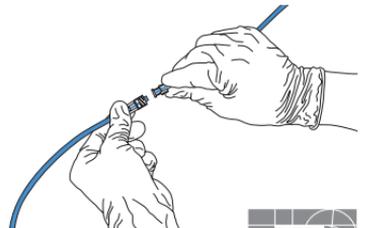
2. With the one-way shut-off valve in the open position (parallel to the tubing), hold the sample site above the VAMP Plus reservoir at 45° angle.



3. Provide flow by pulling the Snap-Tab of the TruWave disposable pressure transducer. Slowly fill and debubble the reservoir and each sample site in succession.

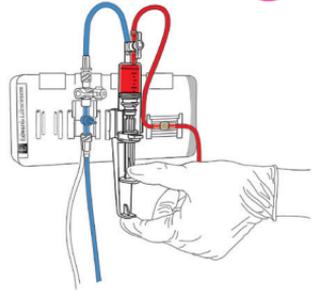


4. Ensure all air is removed from the system. Connect to patient's catheter.

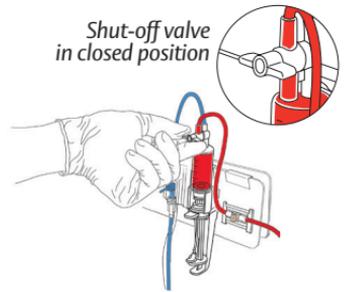


## Drawing the clearing volume

5. Release plunger latch and smoothly draw the plunger to the open position until the plunger stops and the reservoir is at 12 mL volume capacity. (Recommended draw rate is 1 second for each mL)

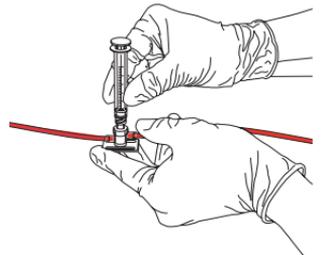


6. Close the one-way shut-off valve by turning the handle perpendicular to the tubing.

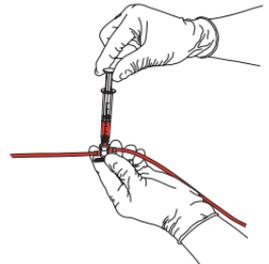


## Drawing blood samples from z-site needleless sample site

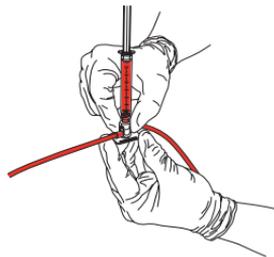
7. Swab the sample site. Ensure that the VAMP Plus needle-less cannula is securely tightened to the direct-draw unit or syringe. Do not use a needle through the sample site. Push cannula with syringe or direct-draw unit into sample site.



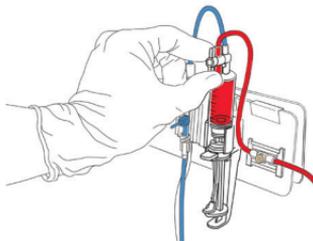
8. Slowly draw the blood sample.



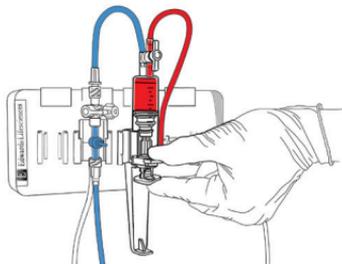
9. When the last sample has been drawn, grasp the cannula and pull the syringe or direct-draw unit straight out. If using direct-draw unit, remove the vacuum tube first.



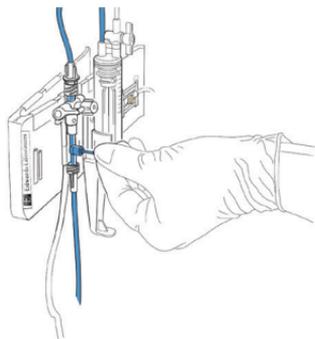
10. Open the one-way shut-off valve by turning the handle parallel to tubing.



11. Slowly, smoothly, and evenly, reinfuse the clearing volume. (Recommended infusion rate is 1 second for each mL)



12. Flush the VAMP Plus system by pulling the Snap-Tab on the TruWave transducer and swab the sample site to remove any excess blood.





---

**CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.**

Edwards, Edwards Lifesciences, the stylized E logo, TruWave, VAMP and VAMP Plus are trademarks of Edwards Lifesciences Corporation. All other trademarks are property of their respective owners.

© 2017 Edwards Lifesciences Corporation. All rights reserved. PP--US-1978 v1.0

**Edwards Lifesciences** • [edwards.com](http://edwards.com)  
One Edwards Way, Irvine CA 92614 USA



**Edwards**