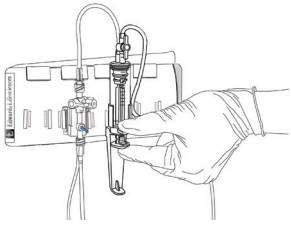
VAMP Plus™ Closed Blood Sampling System

Venous **A**rterial blood **M**anagement **P**rotection system

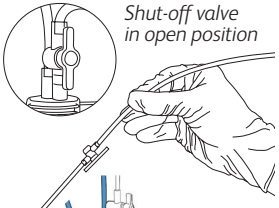
Quick reference guide

Priming

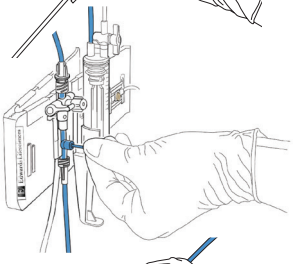
1 Push the reservoir plunger to the closed and locked position. You will hear an audible 'click' when locked.



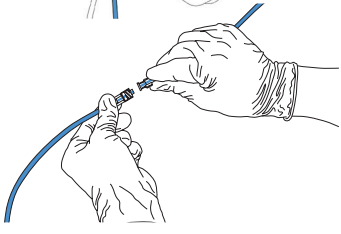
2 With the one-way shut-off valve in the open position (parallel to the tubing), hold the sample site above the VAMP Plus™ reservoir at 45° angle.



3 Provide flow by pulling the Snap-Tab of the TruWave™ Disposable Pressure Transducer. Slowly fill and de-bubble the reservoir and each sample site in succession.



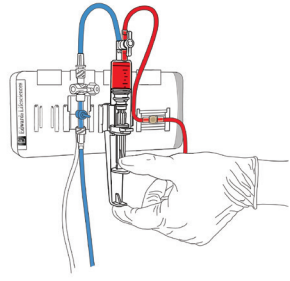
4 Ensure all air is removed from the system. Connect to patient's catheter.



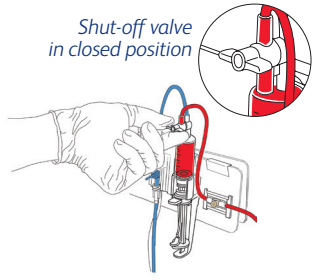
BD

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)

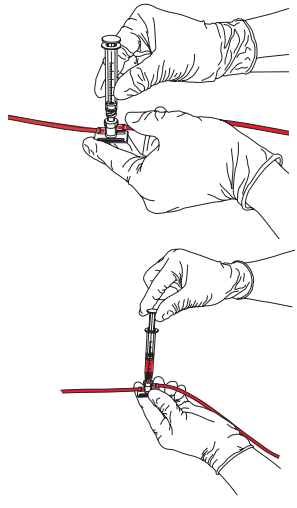


6 Close the one-way shut-off valve by turning the handle perpendicular to the tubing.



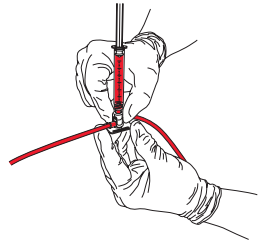
Drawing blood samples from z-site needleless sample site

7 Swab the sample site. Ensure that the VAMP Plus™ needleless 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.

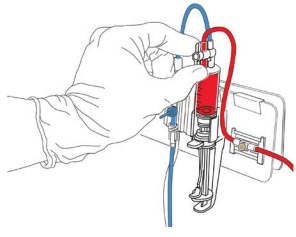


8 Slowly draw the blood sample.

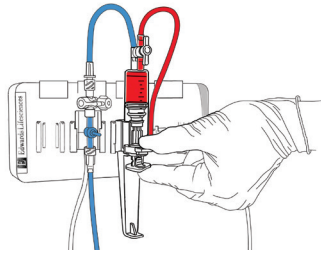
9 When the last sample has been drawn, grasp the cannula and pull the syringe or direct-draw unit straight out. If using direct-draw unit, remove the vacuum tube first.



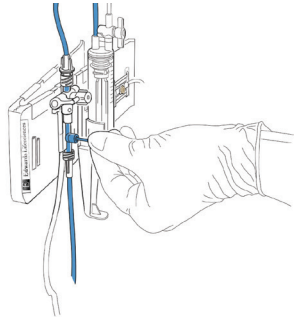
10 Open the one-way shut-off valve by turning the handle parallel to tubing.



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 these devices 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.

BD, Irvine, CA 92618 USA

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