

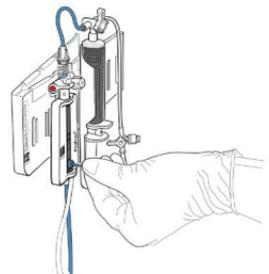
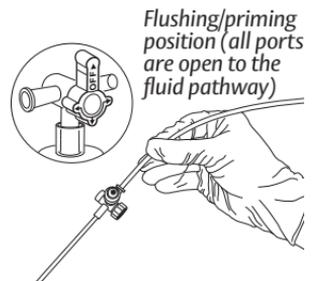
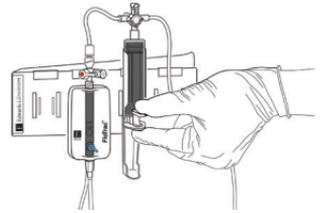
# VAMP Optima Closed Blood Sampling System

VAMP Optima system and FloTrac sensor kits  
with LASS (Luer Access Sample Site)

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 three-way valve and LASS sample sites in the flushing/priming position, hold the sample site(s) above the VAMP Optima reservoir at a 45° angle.
3. Provide flow by pulling the Snap-Tab on the FloTrac sensor or 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. Ensure the three-way valve and LASS sample sites are turned to monitoring position.



LASS sample site in pressure monitoring position



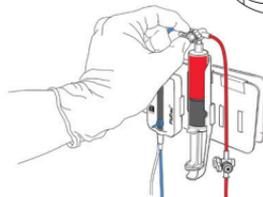
Pressure monitoring position (valve positioned off to the reservoir)



## Drawing the clearing volume

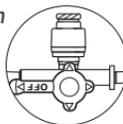
5. Turn the three-way valve off to the transducer/IV bag. Release plunger latch and smoothly draw the plunger to the open position until the plunger stops and the reservoir is at 12 mL volume capacity. Recommended draw rate is 1 second for each mL.

Aspirating/reinfusing position (valve positioned off to transducer/IV bag)



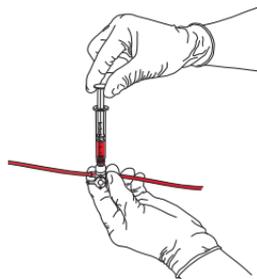
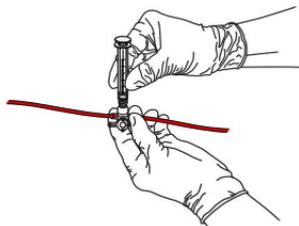
6. With the three-way valve off to the transducer, turn the handle on LASS sample site to the sampling position.

LASS sample site in sampling position



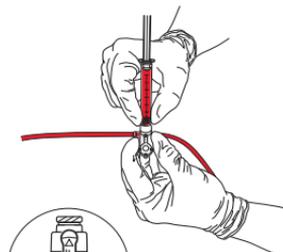
## Drawing blood samples from LASS needleless sample site

7. Swab the sample site. Carefully connect a Luer lock or Luer slip syringe to the LASS sample site by slowly pushing the syringe straight into the site using clockwise, rotating motion until it is fully seated. Do not use a needle or needleless cannula through the sample site.



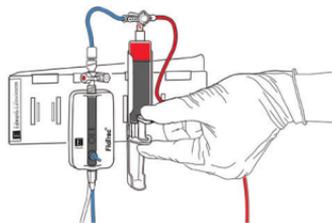
8. Slowly draw the blood sample.

9. When the last sample has been drawn, turn the handle on the LASS sample site to the pressure monitoring position, closing the sample port. Then remove the syringe from the sample site, rotating counter clockwise. LASS sample site's septum completely closes after each use.



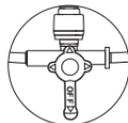
*LASS sample site in pressure monitoring position*

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



11a. Turn the handle of the sample site and the three-way valve to the flushing/priming position.

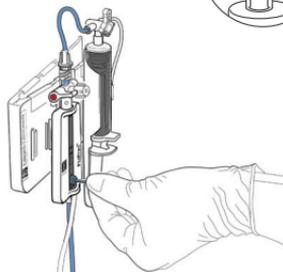
*LASS sample site in flushing/priming position*



*Flushing/priming position (all ports are open to the fluid pathway)*



11b. Flush the VAMP Optima system by pulling the Snap-Tab on the FloTrac sensor or TruWave transducer and swab the sample site to remove any excess blood.



12. Turn the handle of the three-way valve and the LASS sample site to the pressure monitoring position.

*Pressure monitoring position (valve positioned off to the reservoir)*



*LASS sample site in pressure monitoring position*



**For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.**

Edwards Lifesciences devices placed on the European market meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

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