

# VAMP Flex System Inservice Bulletin

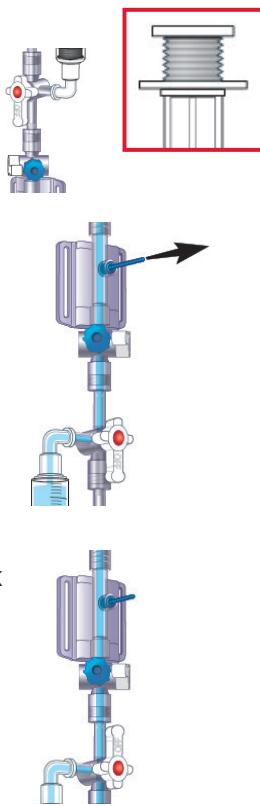
## Venous Arterial blood Management Protection system

### Safe and Accurate Closed Blood Sampling System for the OR and ICU

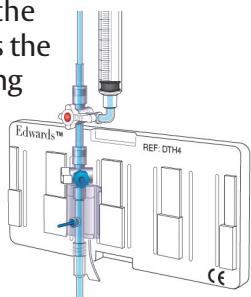
#### Featuring the Edwards TruWave Disposable Pressure Transducer

#### PRIMING

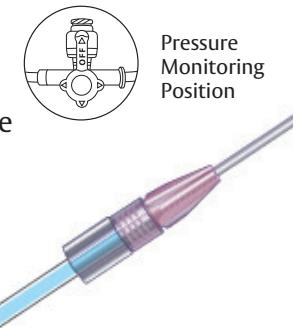
- 1 Ensure all connections are secure and tight and that the reservoir plunger is in a closed position.
- 2 Invert the VAMP Flex system with the reservoir plunger pointing down. Turn off the reservoir stopcock towards the patient. Slowly fill the reservoir to the full 10ml position by pulling on the flush device.
- 3 Turn the reservoir stopcock towards the transducer and push the reservoir plunger to remove any residual air and prime the patient pressure tubing.



- 4 Re-orient the reservoir and place the TruWave transducer into the backplate. Turn the reservoir stopcock towards the reservoir and continue filling the line using gravity fill. Pressurize IV flush bag to 300 mmHG, then fast flush the tubing to remove residual bubbles.

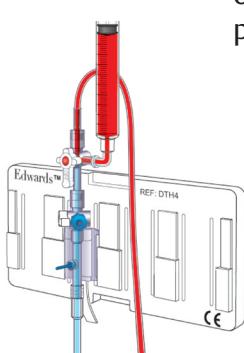


- 5 Ensure all air is removed from the system and connect to the patient's catheter. Turn the handle on the sampling sites to the pressure monitoring position and pressurize the IV solution bag per hospital policy.

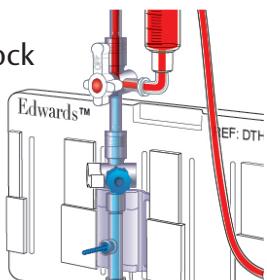


#### BLOOD SAMPLING

- 6 Position sampling site into the prime/clear position. Turn the reservoir stopcock towards the transducer. Smoothly and evenly fill the reservoir by drawing the plunger.  
Note: When using the proximal sampling site, drawing 3ml into the reservoir is sufficient, bearing no extension lines between the VAMP Flex system and the patient. When using the distal sampling site, draw the full 10ml in the reservoir.



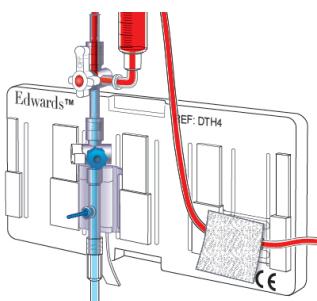
- 7 Turn the reservoir stopcock off towards the patient/catheter.



Edwards

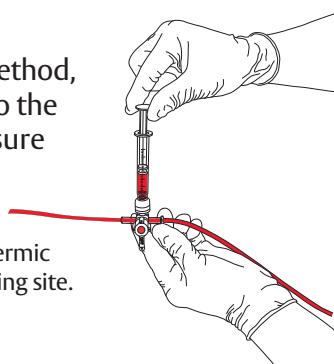
## BLOOD SAMPLING (continued)

8 Swab the sampling site with disinfectant such as alcohol or other antiseptic.

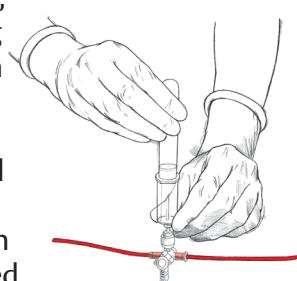


9 If using the syringe method, connect the syringe to the sampling site and ensure that the connection is secure.

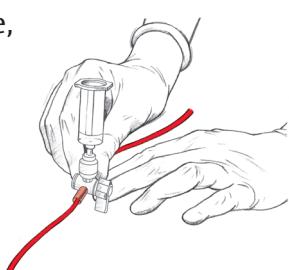
Note: Do not use a hypodermic needle through the sampling site.



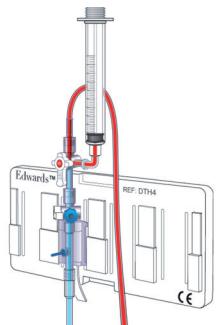
10 If using a Direct-Draw unit, connect it to the sampling site and insert the vacuum tube into the open end of the direct-draw unit and push until the internal needle has punctured the rubber disk on the vacuum tube, then fill to the desired volume.



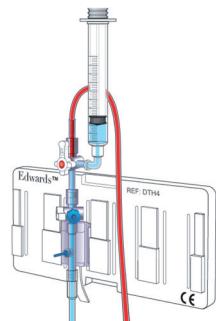
11 Remove the vacuum tube, and then remove the direct-draw unit or the sampling syringe. Then swab the sampling site with disinfectant.



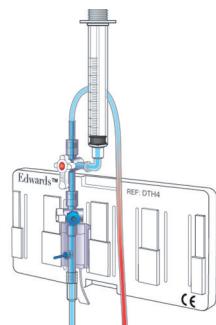
12 Turn the reservoir stopcock towards the transducer. Smoothly and evenly reinfuse the clearing volume back to the patient by returning the reservoir plunger to the closed position.



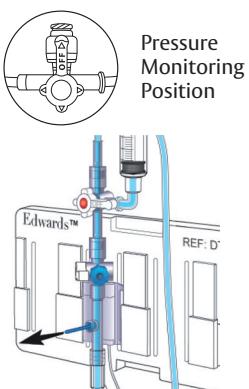
13 Turn the reservoir stopcock towards the patient tubing and fill the reservoir with 2-3ml of flush solution.



14 Turn the reservoir stopcock towards the transducer and infuse the flush solution into the tubing by pushing down on the plunger. Repeat steps 13 and 14 as necessary to remove any remaining blood from the reservoir.



15 Turn the reservoir stopcock towards the reservoir and flush the system until the pressure tubing is clear of residual blood. Afterwards, turn the handle on the sample site back to the 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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