

Feb 2015

Edwards Vamp Plus Pressure Monitoring System for Critical Care and Anesthesia

The critical care units and anesthesia will convert to the Edwards Vamp Plus Pressure Monitoring system on **February 17, 2015**. This conversion provides evidence based practice for infection prevention by providing a closed line system. This change does not include the neonatal units.

Conversion to the Edwards Vamp Plus Pressure Monitoring set up requires the following practice changes:

- Pressure lines will be maintained via infusion by pressure bags. Infusion by smart pump will no longer be utilized
 - Set pressure bag at 300 mmHg or 3 mls/hour (*Every 100 mm Hg = 1cc/fluid*)
 - Pressure bag set ups are checked q 4 hours for amount fluid delivered and pressure setting
- Lab draws are done as per manufacture instructions ([click here for instructions](#))
 - For pediatric patients, draw back 3-6 mls into reservoir. If drawing coags, draw back 6 mls.

Edward's representatives will provide bedside inservices to the critical care and surgical services units regarding the set up and lab draw procedures for this product during the week of Feb 9th, 2015. In addition the following educational resources are provided:

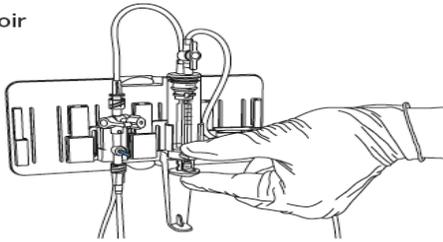
- Edwards Vamp Plus training video available on Nurse Web, clinical clips.
- Bedside references (see page 2)
- Updated Art line clinical standard will be available on-line during the week of go-live.

For questions regarding this conversion please contact your unit Clinical Educator, Clinical Practice Lead, or Clinical Education Specialist in the Center for Professional Development and Practice.

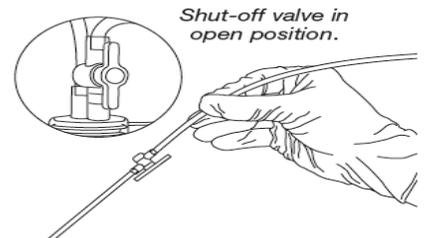
VAMP Plus System Inservice Bulletin

PRIMING

- 1 Push the reservoir plunger to the closed and locked position.

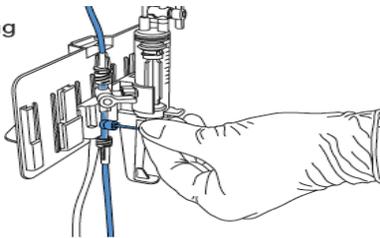


- 2 With the shut-off valve in the open position (parallel to the tubing), hold sampling site above the Edwards VAMP Plus reservoir at 45° angle.

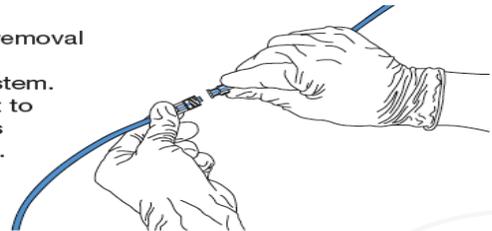


Shut-off valve in open position.

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

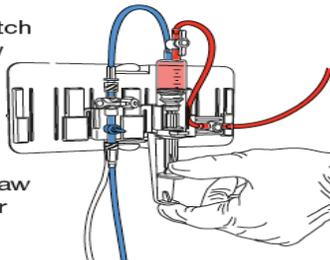


- 4 Ensure removal of all air from system. Connect to patient's catheter.



DRAWING THE CLEARING VOLUME

- 5 Release plunger latch and smoothly draw back on the reservoir plunger until the plunger stops at its 12 cc volume capacity. (Recommended draw rate is 1 second for each cc.)



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

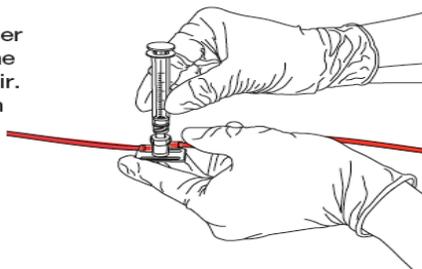
Shut-off valve in closed position.



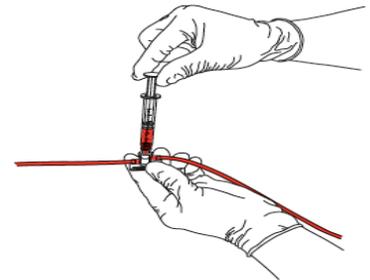
For pediatric patients, draw back 3-6 mls into reservoir. If drawing coags, must draw back 6 mls.

DRAWING BLOOD SAMPLES FROM THE VAMP PLUS NEEDLELESS SAMPLING SITE

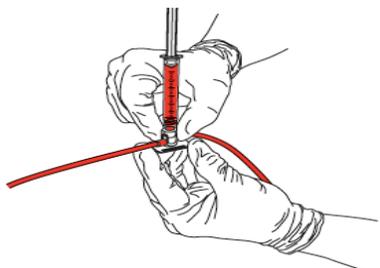
- 7 Swab sample site. Ensure plunger is depressed to the bottom of reservoir. Push cannula with syringe or Direct-Draw unit into sample site.



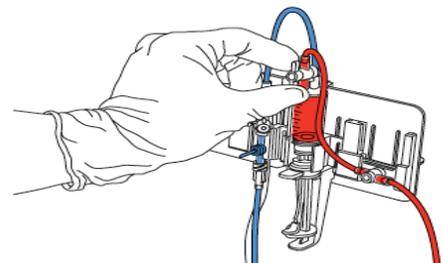
- 8 Slowly draw the blood sample.



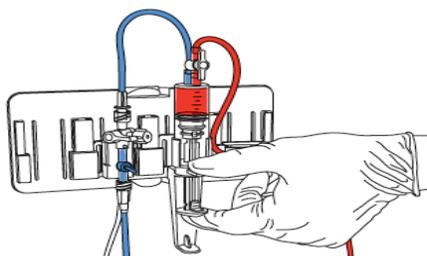
- 9 While holding the cannula, remove the syringe/cannula together from the sampling site by pulling straight out.



- 10 Open the 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 cc.)



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

