YOU Can Reduce Blood Discard with Closed Blood Sampling
Blood samples:
- Discarded blood can account for 24% to 30% of total daily blood loss in critically ill patients^6^
- May be drawn from 5 to 24 times a day in the ICU^1^,^2^,^5^
- Blood discarded with each blood draw varies from 2 to 10 mL^3^,^6^--^8^.

The VAMP (Venous Arterial blood Management Protection) system
is an evidence-based solution that combines the safety and simplicity of needleless blood sampling with a unique reservoir designed to conserve blood by allowing the clinician to re-infuse excess blood not needed for the sample.

Improving patient outcomes
VAMP system
- helps reduce blood loss, in total blood drawn and discarded^1^,^3^,^13^.
- reduces hospital infections^9^.
- reduces decline in Hb levels^1^,^11^--^13^.
- reduces need for transfusions compared to conventional blood sampling^1^,^12^.

Reducing Hospital Costs
An EU economic analysis, informed by clinical studies, shows that VAMP system is associated with cost-savings for the hospitals^1^,^5^: 65.019€ per year for a hospital with 500 ICU patients^1^,^5^.

- VAMP system may help avoid hospital costs by reducing transfusion incidence with one transfusion averted in every 6 to 8 patients that use the VAMP system^1^,^12^.
- Avoiding blood transfusions is associated with high cost-savings for hospitals^1^,^10^.
- The incremental cost of VAMP system (Edwards, 2013) is a fraction of the direct cost of a RBC transfusion which varies up to 439€ per RBC unit^1^,^14^.
Edwards’ broad portfolio gives you choices to cover your individual needs

**ICU - VAMP Adult System**
- Convenient blood sampling in close proximity to patients
- Less blood waste
- Infection control

**OR - VAMP Plus System**
- Optimal for sampling during and after surgery
- Bigger reservoir offers the ability to sample blood proximally or distally

**VAMP Flex System**
- With a Z-site port close to the patient and one pole-mounted
- Makes an excellent choice for providing clinician and patient safety in both OR and ICU

**TruWave Sensor**
- Right combination for safety, accuracy and reliability.
- Excellent natural frequency
- Superior damping coefficient ensuring waveform accuracy\(^{16}\)

*Z-site port can be replaced by the new luer-activated sampling site.*
Please contact your local Edwards Lifesciences sales representative for more information/assessment of your unique opportunity behind the use of VAMP closed system

References

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/ECC bear the CE marking of conformity.

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