



Safe, simple and  
reliable closed  
blood sampling  
for effective  
patient blood  
management<sup>9,14</sup>



**VAMP Systems**

Venous Arterial Blood Management and Protection



Edwards

# Reduce blood loss, hospital-acquired infections, transfusion needs and related complications with VAMP systems.<sup>8,9,11,12,14</sup>

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Discarded blood can account for

**18–30%**

of total daily blood drawn from critically ill patients.<sup>8</sup>

To minimize blood loss during sampling, the VAMP closed blood sampling systems incorporate an in-line reservoir that allows clinicians to reinfuse rather than discard the clearing volume. Needle-less VAMP systems are designed to reduce infection, needle sticks, and blood waste associated with conventional blood sampling methods.<sup>3,12-14</sup>

## **Closed blood sampling is an evidence-based solution**

Closed blood sampling systems may reduce blood loss, iatrogenic anemia, and reduce transfusion needs and related complication compared to conventional blood sampling.<sup>8-11</sup> Clinical studies show lower contamination risk may present the potential for reduction in catheter-related bloodstream infections (CRBSI).<sup>12,14</sup>

**12+**

randomized controlled trials demonstrate benefits of closed blood sampling<sup>1-12</sup>

## VAMP systems are designed to reduce infection and blood waste<sup>8,12,14</sup>



### VAMP Adult system

Optimized for patients in critical care settings

- 5 cc reservoir designed for safe and convenient blood sampling in environments where close proximity to patient is desired
- Versatile design can be pole mounted on a backplate or used as an arm mount



Shown  
with the  
TruClip  
holder

### VAMP Plus system

Allows sampling flexibility between surgery and intensive care

- Large 12 cc reservoir provides optimized clearing volume
- Choice of one or two Z-site sample sites for flexibility in perioperative settings
- Convenient one-handed operation simplifies sampling and clearing volume reinfusion
- Mounts on IV pole with Edwards' TruClip holder next to pressure transducer



### VAMP Jr. system

Offers safety and accuracy for your smallest patients

- Smaller 3 cc reservoir optimizes clearing volumes, providing undiluted, accurate blood samples
- Designed to meet the volume-critical requirements of pediatric patients
- Graduated "cc" markings aid in selecting appropriate clearing volume for each patient
- Special contamination hood helps reduce infection risk

## VAMP system features

- VAMP systems are designed to be used with disposable pressure transducers and for connection to central line and arterial catheters
- Z-site self-sealing sample port reduces blood buildup for collection of undiluted samples and improves infection control compared to traditional sampling methods<sup>14</sup>
- Internal reservoir contamination shield adds an extra barrier against infection
- Blunt, needle-less cannula eliminates accidental needlesticks
- In-line reservoirs in various sizes allow for reliable samples for your adult and pediatric patients
- Variety of tubing lengths are designed to meet diverse clinical needs and accommodate patient size requirements



## Compatibility in closed blood sampling

VAMP systems can be paired with the TruWave disposable pressure transducers to create a single integrated pressure monitoring and closed blood sampling system.



VAMP systems are compatible with Edwards advanced hemodynamic monitoring solutions.

### VAMP Adult system

Model	Description
T001670A	125 cm single TruWave/VAMP Adult combo set
T001671A	150 cm single TruWave/VAMP Adult combo set
T001744A	175 cm single TruWave/VAMP Adult combo set
T001673A	125 cm double TruWave/VAMP Adult combo set
T001741A	150 cm double TruWave/VAMP Adult combo set

### VAMP Plus system

Model	Description
T001691A	15 cm single TruWave/VAMP Plus combo set
T430023B	15 cm double TruWave/VAMP Plus combo set
T100671B	15 cm triple TruWave/VAMP Plus combo set
VP2	15 cm standalone VAMP Plus system

### VAMP Jr. system

Model	Description
VMP306	8+2 cm standalone VAMP Jr. system

### VAMP Flex system

Model	Description
T005021A	80 cm single TruWave/VAMP Flex combo set
T005021G	30 cm single TruWave/VAMP Flex combo set

### VAMP system accessories

Model	Description
VMP400	Needle-less cannula
VMP700	Direct draw unit for direct line blood sampling

Contact your Edwards representative about additional model numbers.

## Know more. Know now.

Edwards Lifesciences offers educational resources to help your hospital implement effective blood management through closed blood sampling. [Edwards.com/eu/CBM](https://www.edwards.com/eu/CBM)

To incorporate VAMP closed blood sampling systems in your OR and ICU, contact your Edwards representative or [Edwards.com/eu/VAMP](https://www.edwards.com/eu/VAMP)

**For over 40 years, Edwards Lifesciences has been helping clinicians make proactive clinical decisions to advance the care of surgical and critical care patients.** Through continuing collaboration with our clinicians, ongoing education, and our never-ending quest for innovation, Edwards continues to develop hemodynamic management solutions that enable smart decision support.

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

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## VAMP systems

### Venous arterial blood management and protection

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