

The practical solution for ensuring adequate perfusion.

Smart. Innovation.



FloTrac System

THE EVIDENCE OF
2.6 MILLION PATIENTS · 80 COUNTRIES · 10+ YEARS

FloTrac System

TRUSTED

*Chosen to monitor over
2.6 Million Patients**



WORLDWIDE

*80 Countries. Used by clinicians
more than any other minimally-invasive
volume management solution*



LITERATURE

*Referenced in over 190+
clinical studies spanning
the OR and ICU**



EVOLVING ALGORITHM

*Monitor provides clarity in numerous
patient conditions and procedures*



Compensating for patient-to-patient differences in vasculature, real-time changes in vascular tone and differing arterial sites, the ever-evolving algorithm looks for characteristic changes in arterial pressure waveform that reflect changes in tone (i.e., MAP, Skewness, Kurtosis).

The FloTrac system algorithm is based on the principle that aortic pulse pressure is proportional to stroke volume (SV) and inversely related to aortic compliance. In addition, compliance inversely affects PP as the algorithm compensates for the effects of compliance on PP based on age, gender, and body surface area (BSA).

* Data on file

The FloTrac system enables proactive clinical decision support.

The minimally-invasive FloTrac system is a reliable solution to advanced hemodynamic monitoring that automatically calculates key flow parameters every 20 seconds.



The FloTrac sensor attaches to any existing arterial line and monitors advanced hemodynamic parameters:

- Stroke Volume (SV)
- Stroke Volume Variation (SVV)
- Mean Arterial Pressure (MAP)
- Cardiac Output (CO)
- Systemic Vascular Resistance (SVR)

The continuous clarity offered by the FloTrac system helps guide individualized treatment decisions for your moderate to high-risk surgery patients, and can also be utilized perioperatively to proactively manage your patient's physiologic status in rapidly changing clinical situations in the OR and ICU.



The HemoSphere advanced monitoring platform reimagines the way you see, experience and interact with hemodynamic parameters. Compatible with the FloTrac sensor, you can see your patient's physiologic status and analyze trends with exceptional clarity that you can intuitively navigate with a simple-to-use touchscreen.

Proactively manage intraoperative hypotension (IOH).

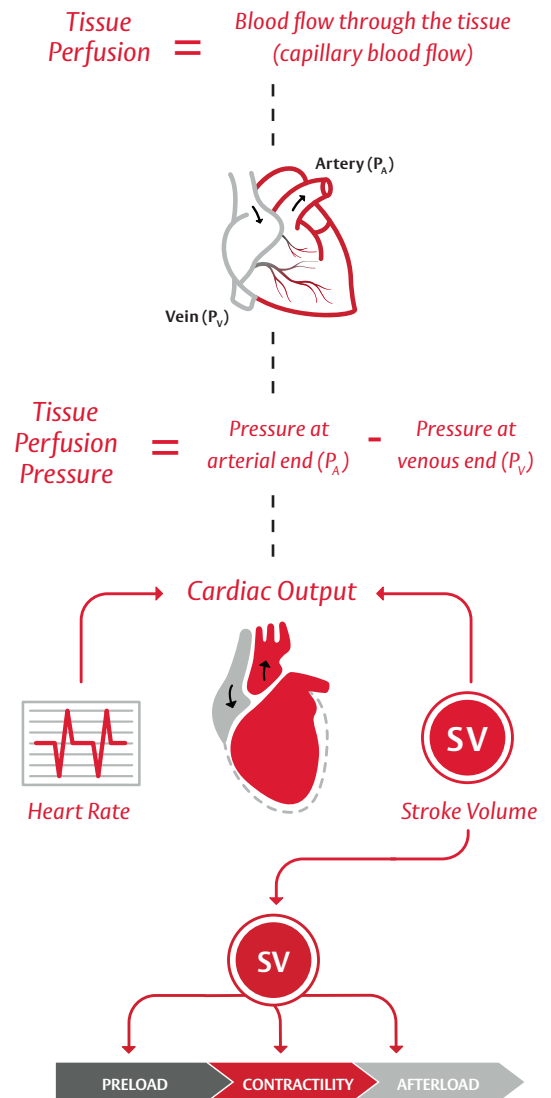
The FloTrac system provides access to advanced hemodynamic parameters to allow you to evaluate hemodynamic instability and guide appropriate treatment.

Clarity through advanced hemodynamic monitoring parameters CO, SV, SVV and SVR provided by the FloTrac system can help you determine if the cause of IOH is preload, afterload, or contractility.

If the underlying cause of hemodynamic instability is related to flow generation, continuous parameters can help you determine appropriate fluid therapy.

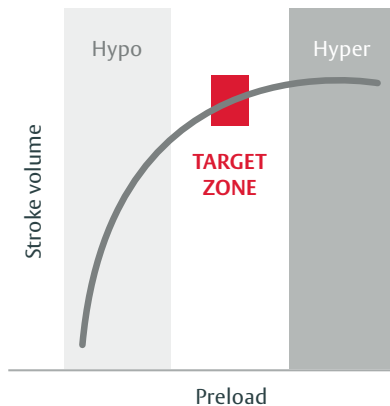
Additionally, continuous monitoring of advanced hemodynamic parameters enables proactive clinical decisions regarding appropriate treatment to augment vascular volume, reduce anesthetic administration, or use vasopressors or inotropes.

Continuous assessment of pressure and flow parameters offers proactive decision support to help proactively manage the duration and severity of IOH episodes.



Manage the flow component of perfusion to guide individualized fluid management.

Frank-Starling relationship between preload and stroke volume (SV)



When managing perfusion, stroke volume can be optimized using the patient's own Frank-Starling curve.

The patient's location on the curve can be determined by measuring changes in SV in response to change in preload using a bolus fluid challenge or passive leg raise (PLR). Dynamic and flow-based parameters are more informative than conventional parameters in determining fluid responsiveness and may help guide individualized volume administration in patients and avoid excessive and insufficient administration.¹

Manage variability in volume administration.

Advanced hemodynamic parameters provided by the FloTrac system may be used in Perioperative Goal-Directed Therapy (PGDT) protocols to help reduce variability in fluid administration and guide optimal volume management in patients at risk of developing complications.

Make more informed transitions from the OR to ICU.

FloTrac system



Catalogue Number	Length A (cm)*	Length B (cm)*	Product Description	Pack Size
MHD6R	120	30	FloTrac sensor (150 cm) pressure line	1
MHD6AZR	90	60	FloTrac sensor (150 cm) pressure line and VAMP adult system	1
MHD8R	180	30	FloTrac sensor (210 cm) pressure line	1
MHD6R5	120	30	FloTrac sensor (150 cm) pressure line	5
MHD6AZR5	90	60	FloTrac sensor (150 cm) pressure line and VAMP adult system	5
MHD8R5	180	30	FloTrac sensor (210 cm) pressure line	5

*Lengths are rounded up from inches to centimeters.

Enabling proactive clinical decisions.

For more than 40 years, Edwards Lifesciences has been helping you make proactive clinical decisions in advancing the care of acutely ill patients across the continuum of care. Through ongoing collaboration with clinicians, providing continuous education, and our dedication to purposeful innovation, Edwards continues to develop smart hemodynamic management solutions that enable proactive decision support.

Know More. Know Now.

Visit [Edwards.com/gb/FloTrac](https://www.edwards.com/gb/FloTrac) or contact your Edwards' representative.

References

1. Cannesson, M. (2010) Arterial pressure variation and goal-directed fluid therapy. *Journal of Cardiothoracic and Vascular Anesthesia*, 24(3), 487-97.
2. Marik, P. (2011) Hemodynamic parameters to guide fluid therapy. *Annals of Intensive Care*.

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.

Edwards, Edwards Lifesciences, the stylized E logo, FloTrac, HemoSphere, TruWave, VAMP and VAMP Optima are trademarks of Edwards Lifesciences Corporation. All other trademarks are the property of their respective owners.

© 2018 Edwards Lifesciences Corporation. All rights reserved. E8800/11-18/CC

Edwards Lifesciences • Route de l'Etraz 70, 1260 Nyon, Switzerland • [edwards.com](https://www.edwards.com)

