

FloTrac System

The **clarity** to
consistently maintain
patients in the optimal
volume range.



Edwards



The minimally-invasive FloTrac sensor connects to any existing arterial catheter

The FloTrac sensor provides advanced hemodynamic parameters to help guide volume administration.

Advanced dynamic and flow-based parameters are demonstrated to be more reliable than conventional measurements in predicting fluid responsiveness.¹⁻³

The FloTrac system automatically updates advanced parameters every 20 seconds, reflecting rapid physical changes in moderate to high-risk surgery more accurately. Advanced hemodynamic parameters provided by the FloTrac sensor offer you continuous insight to more accurately determine your patient's fluid status.

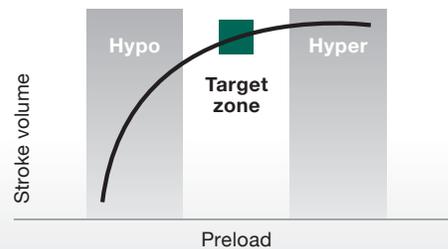
The value of advanced hemodynamic parameters in optimal volume management.

Stroke Volume (SV)

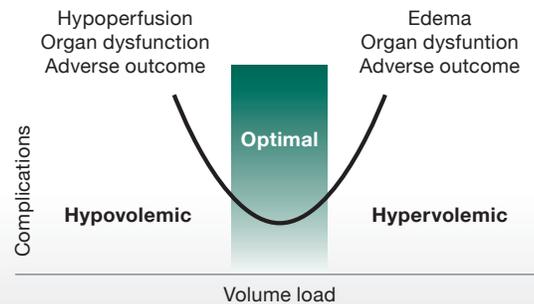
Stroke Volume Variation (SVV)

Continuous Cardiac Output (CCO)

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



Bellamy Curve²⁰



Stroke Volume Optimization (SV)⁴⁻¹²

Stroke volume measurement with the FloTrac sensor enables an individualized approach for administering fluid until SV reaches a plateau on the Frank-Starling curve, to prevent hypovolemia and excessive fluid administration.

Stroke Volume Variation Optimization (SVV)¹³

For control-ventilated patients, SVV has proved to be a highly sensitive and specific indicator for pre-load responsiveness, serving as an accurate marker of patient status on the Frank-Starling curve.

Oxygen Delivery Optimization (DO₂ with CCO)¹⁴

Continuous cardiac output (CCO) measured by the FloTrac system can be used (in combination with SaO₂ and hemoglobin) to monitor and optimize DO₂ with fluid (including red blood cells) and inotropic agents.

The evidence-based value of Perioperative Goal-Directed Therapy (PGDT).

30+

randomized
controlled trials
demonstrate
benefit²¹⁻⁵⁴

14+

meta-analyses
confirm benefit⁵⁵⁻⁶⁸



30+ randomized controlled trials and 14+ meta-analyses have demonstrated clinical benefits of hemodynamic optimization over traditional volume management.¹⁵⁻¹⁸

Advanced hemodynamic parameters, when implemented within a PGDT protocol, are demonstrated to reduce post-surgical complications in moderate to high-risk surgery patients.¹⁹ The FloTrac system provides advanced hemodynamic parameters that can be used in PGDT to control variability in volume administration and help you maintain your patient in the optimal volume range.

EV1000 Clinical Platform

Choose parameters, alarms and targets to meet your precise patient monitoring needs

An integrated hemodynamic monitoring system

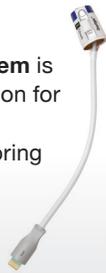
The FloTrac sensor integrates with the Edwards EV1000 clinical platform to show patient status at a glance, for visual clinical support and increased clarity in volume administration during moderate to high-risk surgical procedures. For your patients who may not typically receive an arterial line, Edwards' noninvasive ClearSight system allows you to expand the benefits of continuous advanced hemodynamic monitoring to a broader range of patient conditions.

Continuity of care from the OR to the ICU

Using the FloTrac sensor, your surgical team can hemodynamically optimize a moderate to high-risk patient in the OR. After hand-off, ICU clinicians will have the same access to advanced hemodynamic parameters to help guide post-operative management and therapy.

Edwards' range of hemodynamic monitoring solutions offers continuous dynamic and flow-based parameters that may be used in PGDT to consistently maintain your moderate to high-risk surgery patients in the optimal volume range.

The ClearSight system is the noninvasive solution for expanding advanced hemodynamic monitoring to a broader range of surgical patients.



The FloTrac system has been used on over 2 million patients and is trusted by clinicians worldwide. It's the practical, reliable and minimally-invasive solution for volume management.



The Swan-Ganz Advanced Technology pulmonary artery catheter delivers a comprehensive hemodynamic profile by a single device to guide your treatment strategy.



Visit Edwards.com/FloTrac or call 800-424-3278 to know more about how you can maintain your patients in the optimal volume range.

Helping to advance the care of surgical and critical care patients for over 40 years, Edwards Lifesciences seeks to provide the valuable information you need, the moment you need it. Through continuing collaboration with you, ongoing education and our never-ending quest for advancement, our goal is to deliver Clarity in Every Moment.

Description	Length	Model No.	Unit of Measure
FloTrac sensor	84 in / 213 cm	MHD8	EA
FloTrac sensor	84 in / 213 cm	MHD85	5 EA
FloTrac sensor	60 in / 152 cm	MHD6	EA
FloTrac sensor	60 in / 152 cm	MHD65	5 EA
FloTrac sensor with VAMP adult system	60 in / 152 cm	MHD6AZ	EA
FloTrac sensor with VAMP adult system	60 in / 152 cm	MHD6AZ5	5 EA

For professional use. CAUTION: Federal (United States) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.

Edwards Lifesciences devices placed on the European market, meet the essential requirements referred to in Article 3 of the Medical Device Directive 92/42/EEC, and bear the CE marking of conformity.

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