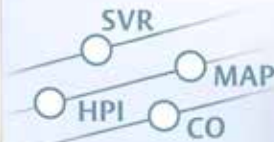
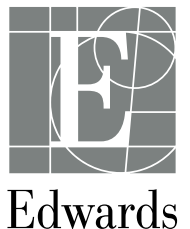


# Smart. Innovation.

The monitoring platform of the future.



HemoSphere advanced monitoring platform



# Intelligent decision support at your fingertips.

The HemoSphere advanced monitoring platform from Edwards Lifesciences allows you to see, experience and interact with hemodynamic parameters.

# Unlock the platform of the future.



HemoSphere advanced monitoring platform

With a broad portfolio of solutions to meet your clinical and patient needs the HemoSphere advanced monitoring platform offers seamless compatibility with the Acumen IQ sensor, FloTrac sensor, Swan-Ganz pulmonary artery catheters, Edwards oximetry central venous catheter and PediaSat oximetry catheter.

Experience the power of intelligent decision support with Acumen Hypotension Prediction Index software. This first-of-its-kind predictive decision support software detects the likelihood of a hypotensive event\* before the event occurs. See and experience meaningful insights into your patient's physiologic status with high-resolution screen clarity that you can intuitively navigate with a simple-to-use touchscreen.

\*Hypotensive event is defined as MAP < 65mmHg for at least one minute



**Adaptable**  
Modular design allows a broad range of advanced hemodynamic monitoring solutions.



**Unlocks Predictive Monitoring**  
Now compatible for Acumen Hypotension Prediction Index software.



**Hot swappable battery**  
Enables limited uninterrupted service and mobility.



**Touchscreen**  
Choice of screen options and brightly colored indicators communicate patient status at a glance.



**Advanced Connectivity**  
Connects with hospital information systems, using IFMout & HL7 standards.

# Complete your view.

A range of clinical-support screen choices provides a new level of visual clinical support and clarity, facilitating decision making during rapidly changing situations.



## HPI high alert

Allows you an opportunity to investigate and identify the root cause of potentially developing hypotensive events.



## HPI secondary screen

Visually links pressure and flow parameters, which are arranged by preload, contractility and afterload. Allows you to investigate potential hemodynamic factors related to hypotension likelihood.



## Graphical trend

Allows you to select, place and track interventions over time while providing key trending data. Percent change displays current status and history of monitored parameters.



## Animated physiology

Depicts real-time changes occurring in your patient by delivering visual and numeric parameters.



## Cockpit

Combines large, easy-to-read numbers with specific color target ranges, parameters and alarms to clearly indicate patient status and monitoring needs.



## Graphical tabular trend

Useful for viewing both graphical and tabular format parameters on one screen.



## GPS

Allows you to monitor and track the relationship of two key parameters by plotting them against each other on an XY axis.



## Big numbers

Displays parameters in a larger size than the other screens. This makes it easier for clinicians and other personnel to see the values from a distance.



## Physio-relationship

Depicts the balance between oxygen delivery and consumption, helping you to identify any root causes for irregularities and appropriate interventions.

# Adaptable system.

## Edwards Acumen intelligent decision support



### Acumen IQ sensor

HPI • CO/CI • SV/SVI • SVR/SVRI • SVV/PPV • MAP

The Hypotension Prediction Index feature, HPI, is part of the Acumen decision support software suite. It is compatible with the IQ family of hemodynamic solutions

## Edwards range of advanced hemodynamic monitoring solutions



### FloTrac sensor

CO/CI • SV/SVI • SVR/SVRI • SVV/PPV • MAP

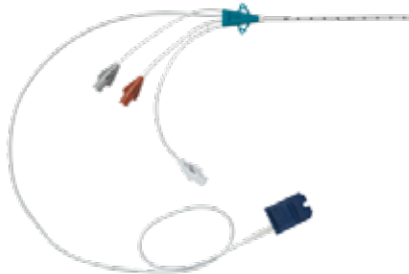
Delivers advanced pressure and flow hemodynamic parameters for managing perfusion. Offers continuous insight to more accurately determine patient's hemodynamic status. Seamlessly connects to any existing arterial catheter.



### Swan-Ganz pulmonary artery catheter

CO/CI • SV/SVI • SVR/SVRI • RVEF • SvO<sub>2</sub> • CVP

Gives you the clarity of a comprehensive hemodynamic profile delivered by a single catheter. It allows you to continually assess flow, pressure and oxygen delivery and consumption, to assist your early evaluation.



### Edwards oximetry central venous catheter

ScvO<sub>2</sub> • CVP

This triple lumen central venous oximetry catheter delivers the added capability of continuously monitoring central venous oxygen saturation.



### PediaSat oximetry catheter

ScvO<sub>2</sub> • CVP

The first and only pediatric oximetry catheter with continuous ScvO<sub>2</sub> monitoring for proactive management of tissue hypoxia.<sup>1-3</sup>

## Simplifying Hemodynamic Monitoring

Thanks to its modular design, the HemoSphere advanced monitoring platform can be adapted to future changes.

- It is the only monitoring platform to unlock Acumen Intelligent decision support software suite, including Hypotension Prediction Index software
- It can also be placed on a tabletop, pole or rack to meet individual patient requirements

### Strong foundation and support

From the introduction of the Swan-Ganz pulmonary artery catheter to this next-generation HemoSphere advanced monitoring platform, Edwards is committed to engaging with you to advance hemodynamic monitoring. We provide the solutions that enable proactive clinical decisions.

Edwards offers progressive, science-based education for your clinical teams and we are committed to providing your institution, clinicians and staff with the highest level of service and support.



The HemoSphere advanced monitoring platform introduces adaptive modularity:

- Scalable expansion modules
- Interchangeable cable ports
- Adaptive monitor placements
- Multiple screen choices

Know more. Know now.

Visit [edwards.com/HS2](https://www.edwards.com/HS2) or contact your Edwards' representative.

**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.**



HemoSphere oximetry cables enables venous oxygen saturation (SvO2 and ScvO2) monitoring



HemoSphere pressure cable sensor compatibility



Patient CCO cable enables right heart monitoring

1. Spenceley, N., et al. Continuous central venous saturations during pericardial tamponade case report. *Pediatr Crit Care Med* 2007, Vol. 8, No. 3, p18.2.153.
2. Krahn, G., et al. Early clinical evaluation of the Edwards PediaSat™ oximetry catheter in pediatric patients. *Pediatr Crit Care Med* 2007, Vol. 8, No. 3, p18.2.152.
3. Spenceley, N., et al. Continuous central venous saturation monitoring in pediatrics: a case report. *Pediatr Crit Care Med* 2008, Vol. 9, No. 2, p e13-e16.

**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 meeting the essential requirements referred to in Article 3 of the Medical Device Directive 93/42/EEC bear the CE marking of conformity.

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