



CARESCAPE
Monitoring
for Perioperative Care
Accuracy you can trust.

From pre-op to OR to PACU: *Never miss a beat*

A single monitoring platform now lets you monitor patients for any case type, for any care needs, throughout the surgical process, with no interruption. GE Healthcare's scalable, standardized, flexible **CARESCAPE™ monitoring platform** delivers exceptional clinical performance. And all perioperative data is seamlessly integrated throughout the patient's journey.

That's CARESCAPE perioperative monitoring
Accuracy you can trust.



CARESCAPE monitoring

For perioperative care

Fully integrated care

CARESCAPE monitors deliver the full suite of world-class GE Healthcare algorithms. Combined with a GE Healthcare anesthesia delivery system, the monitors intelligently connect innovative parameters and advanced ventilation tools in a single, integrated system – one that may enable streamlined, patient-centered clinical workflow, proactive decisions, and positive outcomes.

Monitor on the move

Seamless intra-hospital transport monitoring lets you confidently move patients between care areas – continuous patient data, visible vital signs, and local alarms, every step of the way.

Easy

CARESCAPE monitors are designed with ease of use in mind. They are easy to customize, configure and operate, so you can focus where it matters most – on your patients.

Flexible

Customize the **CARESCAPE monitors** to fit your specific perioperative care area needs by choosing the software, hardware, display configurations, and mounts to meet your unique workflow.

Intuitive

A common interface with an easy-to-navigate menu across all **CARESCAPE monitors** helps you stay focused on patient care and not technology.



Unbroken *data continuity*

The **CARESCAPE family** ensures complete data is captured throughout your patient's entire perioperative journey. You benefit from automatic data integration with the EMR, alarm limit adjustment to care area defaults, and automatic synchronization with host monitors.

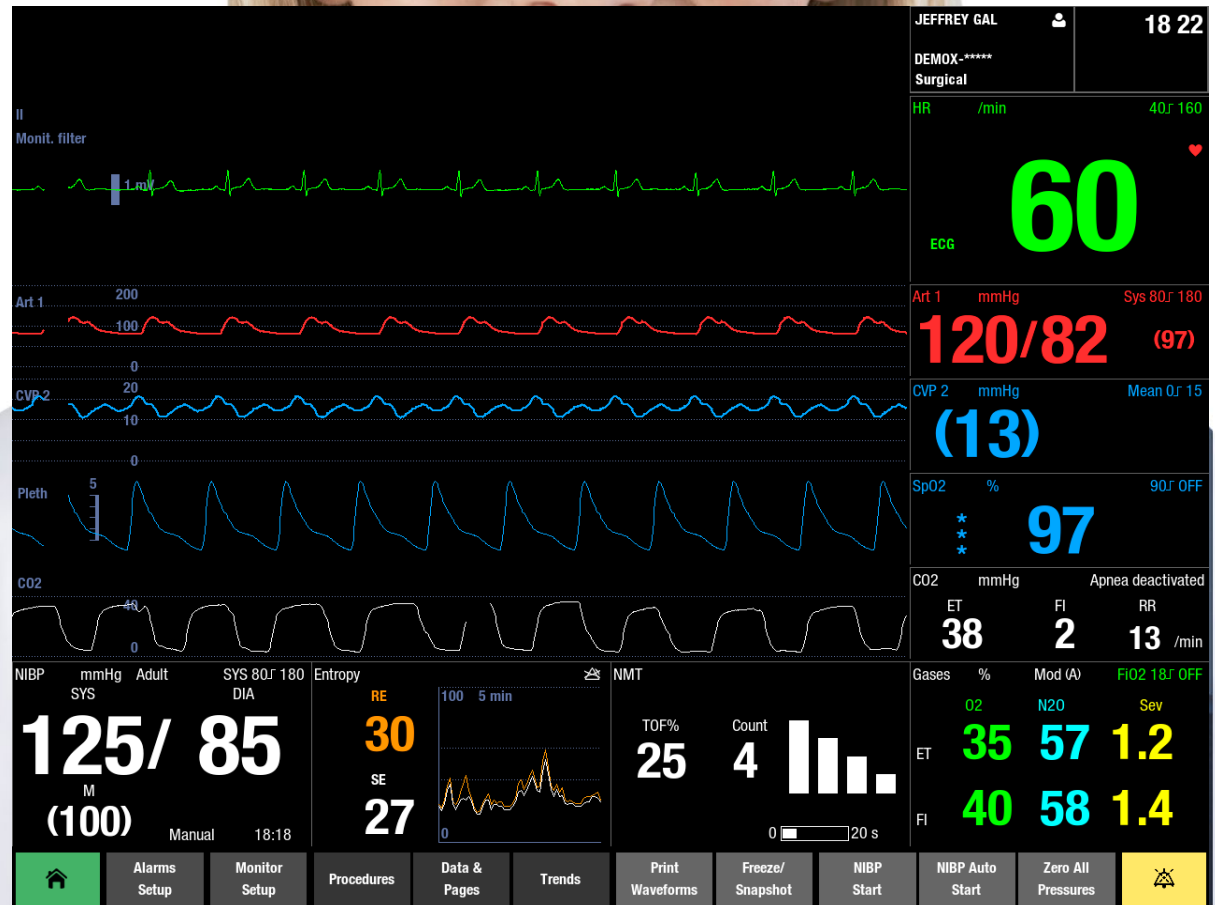
Studies have shown:

29%

Reduction in sevoflurane usage with adult patients using propofol and sufentanil¹

15%

Reduction in Propofol use with the use of Entropy monitoring²



¹ Aime *et al.*, Does monitoring bispectral index or spectral entropy reduce sevoflurane use? *Anesth Analg.* Dec;103(6):1469-77, 2006.

² Vakkuri A. *et al.*, Spectral Entropy Monitoring Is Associated with Reduced Propofol Use and Faster Emergence in Propofol-Nitrous Oxide-Alfentanil Anaesthesia. *Anesthesiology.* 103:274-9, 2005.

CARESCAPE perioperative monitoring

Monitoring excellence in a single platform

CARESCAPE monitors include GE Healthcare algorithms proven to deliver high precision, accuracy, and specificity.

- EK-Pro arrhythmia monitoring with multi-lead simultaneous ECG analysis helps optimize detection of lethal arrhythmias and other cardiac events
- 12SL algorithm enables diagnostic 12-lead ECG and direct two-way communication to the MUSE™ cardiovascular information system for fast, automated decision support
- ST segment analysis substantially enhances detection of cardiac ischemic events
- GE Healthcare's TruSignal,™ Masimo® SET® and Nellcor™ OxiMax® SpO₂ technology integration provides a choice of industry-leading pulse oximetry algorithms¹
- DINAMAP™ SuperSTAT NIBP uses GE-patented “smart cuff” pressure control to speed measurements, enhance comfort and improve artifact rejection, while retaining the classic DINAMAP accuracy
- IntelliRate™ continuously analyzes ECG, IBP and SpO₂ to improve accuracy and reliability in heart rate measurements and reduce false alarms
- Systolic pressure variation (SPV) and pulse pressure variation (PPV) help predict patient responsiveness and guide fluid therapy
- PiCCO™ technology provides less invasive hemodynamic monitoring that can help manage fluid therapy, assess volume status and cardiac contractility, and detect pulmonary edema

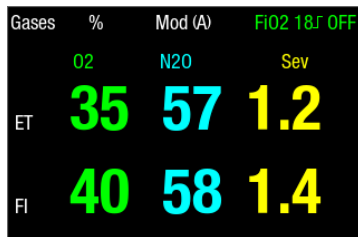
¹ GE TruSignal SpO₂ is not available with the CARESCAPE Patient Data Module.

CARESCAPE perioperative monitoring

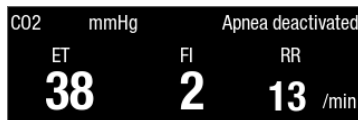
Delivering a rich legacy of excellence

CARESCAPE monitors integrate GE and Datex-Ohmeda anesthesia technologies, delivering a rich legacy of excellence specifically designed for the OR.

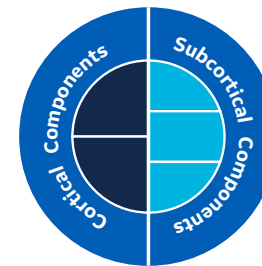
As perioperative care grows increasingly complex, these technologies provide a comprehensive view of each patient's state, adding clarity and quick decision support when seconds count.



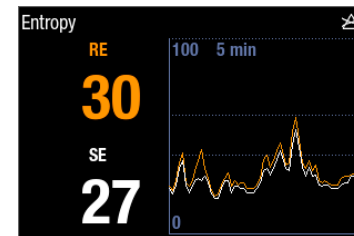
Gas monitoring technologies, innovative and scalable, provide more complete, essential data, including inspired and expired CO₂, O₂, N₂O, anesthetic agents, and lung mechanics



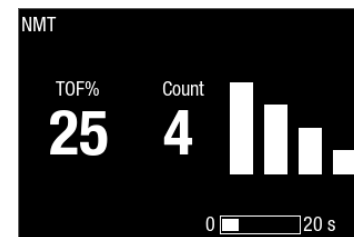
Low-flow anesthesia uses sidestream CO₂ and respiration rate monitoring for intubated and non-intubated patients, providing accurate CO₂ measurements with a sampling flow rate of 50 ml/minute



Adequacy of Anesthesia (AoA) technology guides anesthetic delivery based on distinct patient response variables, thus helping clinicians in their goal to reduce unwanted memory recall, unwanted movement and unwanted hemodynamic responses and their consequences



Entropy module provides continuous data on the patient's level of consciousness that may help reduce agent consumption and accelerate patient recovery in adults



Neuromuscular Transmission (NMT) module provides integrated, objective and quantitative measurements that enable clinicians to tailor NMBA dosages, support maximized OR throughput, and help eliminate adverse clinical events attributed to residual paralysis



Integrated intelligence

- Innovative technologies to help reduce drug consumption, improve workflow
- With Carestation Insights applications, actionable data analysis to address some of the OR's biggest challenges: agent cost, room utilization and lung protection
- Gas analysis modules seamlessly integrate to the monitor display or anesthesia display
- Data continuity across devices
- Intuitively familiar interface and alarms
- Demonstrated connectivity to Epic, Cerner and other EMR vendors
- Integrated power control automatically powers on the monitor whenever the GE anesthesia workstation is turned on

CARESCAPE perioperative monitoring

With CARESCAPE ONE, truly seamless intra-hospital transport monitoring

From ICU or ED to OR, from OR to PACU, from PACU to the floor, the **CARESCAPE ONE monitor** makes intra-hospital transport as easy as “pull and go”. At the bedside or in transport, data is continuously collected for seamless patient record.

A smart architecture lets you instantly adapt to changing patient conditions and care area needs. Eight smart and flexible medical USB connections receive **CARESCAPE PARAMETER** micro-modules. Just choose the ones you need and plug them in – the monitor recognizes them automatically.

With a lightweight intuitive design, every **CARESCAPE ONE** monitor is ready for transport without the need for additional components. A large screen highlights a slim, lightweight unit that travels on a simple bed mount.

A vital link in your system of care

CARESCAPE ONE integrates seamlessly with your entire enterprise ecosystem, and helps enable staff efficiency and clinical decision-making. You benefit from a legacy of excellence and innovation in clinical devices and parameter algorithms.

Keep pace with innovation

Reduce the total cost of ownership for your monitoring ecosystem by spanning key investments over multiple generations of devices. Extensive forward and backward compatibility ensures you add only the monitors or devices you need, when needed. No need to upgrade your entire system to add the latest feature or device.

Integrated intelligence

Clinical intelligence from multiple sources – MUSE™ cardiology information system, labs, medications, and more – can be brought directly to the bedside. Aggregating this information on the **CARESCAPE Network** may enable other sources like Carestation Insights, EMR, central stations, and mobile devices so you can stay close to your patients and make quick, informed decisions.

CARESCAPE monitors deliver the full capability you need to support perioperative care. It’s a one-stop solution for your perioperative needs, now and into the future.



Features	CARESCAPE B850 Monitor Highly configurable for extreme performance	CARESCAPE B650 Monitor Flexibility for the enterprise	CARESCAPE B450 Monitor Powerful monitoring in a compact design	CARESCAPE ONE Monitor Redefining intra-hospital transport monitoring
Screen size	19-in. LCD	15-in. LCD	12-in. LCD	7-in. LCD
Waveform display	Up to 8 individual; Up to 14 with overlays	Up to 8 individual; Up to 14 with overlays	Up to 6 individual; Up to 12 with overlays	Up to 8, 4 per page
Additional displays	2 independent	Additional independent or 1 clone	Additional independent or 1 clone	N/A
Touchscreen	Yes	Yes	Yes	Yes
Trim Knob™	Yes	Yes	No	No
Weight	16.5 lbs. (CPU only)	21.6 lbs.	11 lbs.	4 lbs. with battery
Additional E-module slots	Up to 7	2	1	N/A
Printer type	4 channel	3 channel integrated	3 channel integrated	N/A
Corded remote control ³	Yes	Yes	Yes	No
Wireless (WLAN) ³	No	Yes	Yes	No
Bed-to-bed viewing	Yes	Yes	Yes	No
CARESCAPE Central Station	Yes	Yes	Yes	Yes, via Bx50 monitor when docked
CARESCAPE Gateway	Yes	Yes	Yes	Yes, via Bx50 monitor when docked
Remote service (InSite™)	Yes	Yes	Yes	No
12-lead at the bedside ³	Yes	Yes	Yes	Yes, via Bx50 monitor when docked
Battery	N/A	1 lithium ion; 1-2 hrs. operating time ¹	1 or 2 lithium ion; 1-2 hrs. operating time each ¹	1 lithium ion; up to 5 hr. operating time
Remote access and data viewing	Yes	Yes	Yes	N/A

CARESCAPE Patient Data Modules and E-modules²

CARESCAPE Patient Data Modules and E-modules ²	Clinical measurements
CARESCAPE Patient Data Module	Cardiac output, invasive pressures, temperature, SpO ₂ , NIBP, ECG, RR
E-COP/E-COPsv	Cardiac output, venous oxygenation
E-PiCCO	Continuous cardiac output
E-PP, E-PT, E-PiCCO, E-COPsv	Invasive pressures
E-ENTROPY	GE Healthcare level of consciousness
E-NMT	Neuromuscular monitoring
E-BISX	Level of consciousness
E-EEGX	4-channel EEG
E-sCO, E-sCAiO, E-sCOVX, E-sCAiOVX, E-miniC	O ₂ , CO ₂ , N ₂ O, anesthetic agent, spirometry, metabolics

CARESCAPE PARAMETERS – Micro-modules

CARESCAPE ECG (3-, 5-, 6-, 10-lead)
CARESCAPE SpO ₂ – GE TruSignal
CARESCAPE SpO ₂ – Nellcor
CARESCAPE SpO ₂ – Masimo
CARESCAPE Invasive Pressure
CARESCAPE Temperature
CARESCAPE CO ₂ – LoFlo
NIBP built in

¹Operating time dependent on monitor configuration. ²For complete list of supported E-modules, please see your GE Healthcare sales representative. ³Optional.



Product may not be available in all countries and regions. Full product technical specification is available upon request. Contact a GE Healthcare Representative for more information. Please visit www.gehealthcare.com/promotional-locations.

Data subject to change.
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