iMM Anesthesia Monitor

Modular monitoring for perioperative care
iMM Anesthesia Monitor – designed by clinicians for clinicians

iMM’s innovative, intuitive, integrated and informative Modular Monitoring Family offers a comprehensive range of modular monitoring products for any level of patient acuity in all care areas.

- Advanced monitoring developed with clinicians
  - Intuitive user interface provides all the monitoring information you need for assessing the clinical status of your patient
  - Underlying high quality and high performance modules offers a flexible way to get an accurate clinical view on your patient
  - Optimized display system output with coherent graphical presentation enables fast and better decision making
  - Intelligent alarm system offers preset alarm limits for different parameters and adjusts the alarms in critical situations

- iCentral
  - Wide variety of single and multiparameter modules offers a flexible way to get an accurate clinical view on your patient
  - iPON
  - Optimized automatic screen layout with clear numerical and graphical presentation enables fast and better decision making
  - Intelligent alarm system offers preset alarm limits for different parameters and adjusts the alarms in critical situations

- Flexibility and ergonomics make care easier
  - Wide variety of display, mounting and frame options helps you configure your anaesthesia workspace the way you want it
  - New 5-Module Frame supports the Patient Side Module (E-PSM) and enables the patient measurement to be placed near the patient
  - E-PSM, E-series modules, standardized GE connectors and accessories enhance the flexibility and transfer of equipment between care areas
  - Ergonomic design provides easy access to information from different bedside and remote locations

- Ergonomic design that works
  - Choice of iTouch Pad user interfaces, screen sizes and independent displays for easier access

- Travels with the patient
  - iMM™ Monitor also works with iPM Monitor for reliable monitoring during transport

- Access to information
  - Networking and remote access offering a flexible way to gain information

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iMM - integrated modular monitoring

iMM Anesthesia Monitor is all you need for effortless patient monitoring in the OR and beyond - a full range of monitoring parameters, intuitive use, Carestation configurability, transparent device integration and data transfer between care areas. Coupled with the iCentral suite of applications, iPON information access and iConnect interfacing, iMM modular monitoring is the solution for all your needs.

- Unique docking solution allows Patient Side Module (PSM) to travel anywhere with the patient
- The E-PSM module offers a comprehensive package of haemodynamic measurements – up to 12 lead ECG, NIBP, motion-tolerant SpO2 and 2 temperatures
- Additionally two invasive pressures in E-PSM module

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ECG and ST analysis
• Up to 12-lead ECG with multi-lead arrhythmia analysis
• Viewing, printing and adjustable ST alarm settings for anterior, inferior and lateral lead groups
• Sophisticated Ischemic Burden view for easy and accurate visualization of patient’s ischemic events

Haemodynamic monitoring
• Standard haemodynamics measurement of ECG, NIBP, up to six invasive blood pressure channels, temperature, SpO2 and respiration rate
• SvO2, C.O. and SpO2 technologies with oxygenation and haemodynamic calculations give a thorough view of your patient’s haemodynamic status

EEG
• A sensitive tool for monitoring the neurophysiological status of the perioperative patient
• Up to four channels of continuous measurement and spectral EEG with trending
• Auditory Evoked Potential (AEP) measurement for brainstem and mid-latency responses

Gas monitoring
• Airway gases CO2, O2 and N2O and anaesthetic agent measurement with automatic identification
• Patient SpO2™ measured on the patient’s extremity or nasopharynx
• Metabolic measurements (VO2, VCO2, EE and RQ)
• Comprehensive physiological picture of your patient’s ventilatory status

Level of hypnosis
• The Entropy™ monitors the effects of certain anaesthetics on the patient’s central nervous system
• Response Entropy measures the reactivity of the patient’s central nervous system. State Entropy the hypnotic state of cortex
• Helps to avoid unnecessarily deep anaesthesia and to prevent unexpected recovery

Neuromuscular transmission
• The NMT module measures the patient’s individual response to nerve stimulation and regional block
• Continuous hands-free measurement with automatic trending and recovery note
• All simulation modes (TOF, DBS, ST, PTC) to optimize the patient’s level of neuromuscular blockade

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From open architecture to Carestation™

iMM Anesthesia Monitor can be used with any anaesthesia delivery machine. Open architecture enables it to grow from a standalone monitor all the way to a full, intelligent member of Carestation. Defining the level of integration is left up to you.

Integrated anaesthesia documentation

Our solutions enable you to concentrate on the essentials of patient care and reduce time spent on documentation. We provide you with tools covering the entire anaesthesia process, from pre-operative assessment to post-operative information analysis.
A complete monitoring solution
iMM offers a comprehensive range of modular monitoring products for all levels of patient acuity. The common user interface and data continuity allow efficient information transfer between care areas and clinical units, and promotes coupled with reduced training time.

Complete view of the patient

- iMM Anesthesia Monitor offers a variety of unique clinical solutions for all levels of patient acuity.
- Standard parameters cover all physiological functions.
- Advanced parameters give you a more complete view of your patient in even the most complex anaesthesia cases.
- Together with other monitored parameters, Entropy helps tailor anaesthesia to each patient.
- Modularity makes the iMM Anesthesia Monitor highly adaptable for any clinical situation.
- Configurable alarms meet the requirements of the care area, caregiver and patient.

- Complete view of the patient
- Light Monitor
- FM Monitor
- Compact Monitor
- Anesthesia Monitor
- iConnect
- Cardiocap/5
- MRI Monitor
- Cellular Viewer
- Pocket Viewer
- Web Viewer
- iCentral
- iPOC

(* Cardiocap/5 gas monitor for anaesthesia is not available in the EEA.)
Information at the point of need

The iCentral suite of applications offers scalable networking, emergency alarming and retrieval of all patient data. It provides real-time waveforms, numerical data, times, vital signs, medical history and full disclosure, utilizing existing databases, waveforms, ventilators and other monitoring equipment. Event history, vital signs and alarms are available at any time, even when the same, complete information is needed simultaneously in all departments, offices and other care locations.

iConnect solutions include:
- iCollect, a valuable research tool for professionals that provides an easy and efficient way to collect all data from various sources in real-time, allowing access to PHI monitoring and state communication platforms, hospital information systems and other devices, especially in the healthcare domain, such as iTEL.
- iPOC solutions help clinicians capture and share vital information whenever and wherever they need it. iPOC - information at the point of care - makes it easy to navigate a wealth of clinical information, giving care providers bedside access to various information sources such as laboratory results, patient demographical data, imaging pictures, and other clinical information systems applications, as well as applications like iPoint and iCellular Viewer, Pocket Viewer and Web Viewer. They allow real-time information access from both within and outside the hospital.
For more than 100 years, healthcare providers worldwide have relied on GE Healthcare for medical technology, services, and productivity solutions. So no matter what challenges your healthcare system faces, you can always count on GE to help you deliver the highest quality healthcare. For details, please contact your GE representative today.