Monitoring that supports your perioperative care process

INFINITY® ACUTE CARE SYSTEM PATIENT MONITOR:
– INFINITY® M540
– DRÄGER MEDICAL COCKPIT®
FOCUSED ON YOUR CHALLENGES

In today’s perioperative environment, cases are increasing in both volume and complexity. Meanwhile, pressure mounts for healthcare organizations to control costs, improve outcomes, and enhance patient satisfaction. As a result, it is a necessity that medical technology allows you to focus on the patient and deliver high-quality, cost-effective care. With Dräger’s Infinity® Acute Care System patient monitor, we provide breakthroughs in mobility, connectivity, and configurability.

UNINTERRUPTED CARE

The Infinity Acute Care System combines mobility, comprehensive patient monitoring, and clinical IT into one complete solution. It teams the handheld Infinity M540 patient monitor with the powerful Dräger Medical Cockpit® to help you make highly informed decisions at the point of care. In addition to patient vitals, the Medical Cockpit can display Web-based applications such as electronic medical records, images, and more. The Infinity M540 allows for a single monitor and cables to move with the patient throughout the perioperative care process and beyond to support uninterrupted, focused care.
SMART CARE AREA FUNCTIONALITY
The Infinity M540 can be used on its own or as the transport monitor of the Infinity Acute Care System. Once the patient enters a care area, such as the operating room, you don’t want to spend time adjusting equipment. As soon as it’s docked on the M500 docking station, the M540 automatically assumes the pre-defined OR profile – no need to physically make any view, parameter, or alarm adjustments.

ENHANCED CABLE MANAGEMENT
No two patients are exactly the same and their conditions can change in a heartbeat. The Infinity Acute Care System can instantly scale with a variety of pods and cables to meet the monitoring requirements of each case. Located on the patient side of the M540, cable ports are keyed, color-coded and labeled for fast setup. Once cables are attached, they are easy to maintain and can follow the patient from pre-op, to intra-op, to post-op – no need to swap cables or monitors.

OPTIMIZED FOR TRANSPORT
The lightweight (1.2 kg/2.6 lbs. including battery) M540 can be easily docked and undocked with just one hand. To protect the current view, the fault-tolerant, configurable touch screen won’t activate due to accidental key presses. When docked, the monitor can easily be locked into place to secure it for transport when moving the patient to and from the operating room.

The M540 seamlessly switches from hardwired at the bedside to wireless on transport to broadcast patient data to the Infinity Network – where it can be accessed at the Infinity CentralStation and by remote viewing devices. While on transport, the M540 can store up to 72 hours of trends and up to 150 events to eliminate data gaps. Once docked on an M500 with a Medical Cockpit, stored trends, events, and patient demographics are automatically backfilled to the new Medical Cockpit – supporting a more complete patient record and reducing the risk of missed events.
INFINITY M540 PATIENT MONITOR

Handheld
Lightweight, durable and reliable
(1.2 kg/2.6 lbs, including battery)

Water-resistant
Splash and accidental-submersion resistant for protection against fluids*
* Tested by submersing unit in 30 cm (11.8") of water for 10 minutes

Wireless transport
Undocks at the bedside with the press of a button for transport, then can automatically send data wirelessly to the Infinity Network

Portable
Accompanies the patient throughout the hospital, including the perioperative care process

INFINITY M500 DOCKING STATION

System connectivity
Provides system networking and communication between the M540 and Medical Cockpit via the P2500 Power Supply

Rechargeable
Powers the M540 when docked, recharging the internal battery for transport

180° auto-flip screen
Enables you to dock the M540 on either side of the patient at the bedside or on transport, while continuing to provide optimal visual orientation
360° alarm light
Enables caregivers to see alarms from anywhere in the room

Integrated information
Provides easy access to vital signs, ventilation and anesthesia data, clinical applications, the hospital network, and the intranet

Widescreen display
Large 20” (C700) or 17” (C500) touch-screen display makes information easy to see from any angle

Infection-resistant
Fanless, easy-to-clean design reduces risk of cross-contamination

Highly configurable, Dräger anesthesia workstation solutions
- Perseus® A500 Anesthesia Workstation (left)
- Zeus® Infinity® Empowered Anesthesia Workstation (right)
HIGHLY INFORMED DECISIONS
The Infinity Acute Care System provides centralized viewing and control of patient data from the docked M540 patient monitor and select Dräger anesthesia machines – as well as convenient access to the hospital network, relevant clinical information, data management, and other Web-based applications.

On the Medical Cockpit, you have fast access to the views configured to the specifications of your care area through a simple on-screen selection. With the ability to host up to 16 different views, each of which can be optimized for specific patient categories (neonatal, pediatric, adult), the Infinity Acute Care System can provide optimal oversight of specific case and patient types.

INTEGRATION FOR GREATER TRANSPARENCY
Seamless integration between the patient monitor and select Dräger anesthesia machines allows for anesthesia, ventilation and hemodynamic data to be displayed on a single screen for streamlined decision-making.

Waveforms and Parameters
Ventilation data can be seamlessly transferred to the Infinity Acute Care System and displayed on the Medical Cockpit to provide a comprehensive picture of the patient’s condition. CO₂, flow, and pressure waveforms can be displayed simultaneously with up to 13 other waveforms and related parameters.

Lung Recruitment
On the Medical Cockpit, configurable real-time values and trends of respiratory and physiological responses are available for enhanced transparency around therapy effectiveness. Recruitment therapy data is visible on a split screen, so real-time hemodynamic data is always visible.

Fresh Gas and Agent Consumption
Dräger anesthesia machines are optimized for the safe and accurate delivery of low- and minimal-flow anesthesia. To help you gauge the clinical and financial effectiveness of delivering low- and minimal-flow anesthesia, you can view and print consumption of fresh gases and anesthetic agents from the Infinity Acute Care System.
NON-INVASIVE ADVANTAGE

The Infinity MCable®-Masimo rainbow® SET monitors functional oxygen saturation of arterial hemoglobin, pulse rate, and perfusion index. Additional options provide measurements that help to assess bleeding, anemia, fluid responsiveness, and methemoglobinemia status. By simply connecting the MCable to the Infinity M540 patient monitor, real-time blood measurement data is visible on both the Infinity M540 and Dräger Medical Cockpit when the monitor is docked at the bedside. The non-invasive, continuous measurements translate into zero pain for the patient, fewer chances for infection, and saved time and costs compared with invasive tests.

Additional options include non-invasive, continuous measurement of:
- Total Hemoglobin (SpHb®)/Oxygen Content (SpOC®)
- Methemoglobin (SpMet®)
- Pleth Variability Index (PVI®)

BUILD THE SOLUTION YOU NEED

Dräger offers a wide range of accessories and consumables, giving you the power to build the exact solution you need. Our line of disposable accessories, which includes ECG cables, SpO₂ sensors, and blood pressure cuffs, can help reduce the likelihood of hospital-acquired infections. Following one patient through the entire perioperative care process, disposable accessories can be safely discarded when they’re no longer needed to support a more hygienic environment.

SUPPORTING MAXIMUM UPTIME

Dräger’s commitment to excellence extends beyond our products to building long-lasting, positive relationships with our customers. DrägerService® offers a wide range of flexible services that you can combine to meet your individual needs and maximize uptime – from technical support, to application training, to complete service contracts.