

At your side in intensive care

“Providing quality care in this stressful environment is anything but easy.”



The ICU – a healing environment

The intensive care area is one of the most complex and cost-intensive areas in any hospital. Spiralling costs, rising morbidity and a trend towards individualised therapies are increasing the demand for higher levels of efficiency. A careful analysis of ICU processes can help identify hot spots where innovative technology can turn an intensive care unit into a healing environment, where your patients feel more comfortable and your staff is naturally motivated. At Dräger, we have a long history of developing solutions which address not only therapeutic, but also workflow improvement.

Managing intensive care

Workflow and workspace limitations can put an unnecessary strain on ICU staff and divert their attention away from their primary focus – the patient. Cable clutter, inconsistent user interfaces, operating concepts, nomenclature and accessories can be a potential source for human error, while inadequate access to information can delay important clinical decisions. Patient transport or nosocomial infections are associated with an increased risk for the patient which can lead to complications, increased length of stay, higher costs and, ultimately, reduced ICU capacity.



The medical cockpit

At Dräger, we believe efficiency begins with an ergonomic workplace design tailored to your individual workflow and available space. It should support patient and caregiver safety and simplify the utilisation of devices and accessories around the patient. Bedside access to the complete set of clinical information facilitates timely and informed decisions. This medical cockpit design combined with advanced ventilation concepts can help you simultaneously reduce ventilation times and improve therapeutic outcome.

A concerted approach

Dräger offers a combination of consultation, technology and professional life cycle management services that can help you maximise both the value and efficiency of your intensive care area with positive effects for your patients and your staff alike. A custom-designed workplace, that is seamlessly integrated, digitally connected, and embedded in an ambient illumination concept can turn your ICU into a true healing environment.

“We enable professional caregivers
turn the ICU into a
healing environment.”

Stefan Dräger




Jim, 46, chief doctor

"The reduction of ventilation times is bringing down length of stay on the ICU."

Linda, 37, nurse

"All the information I need is right here. The patient's condition is still critical, but the course of treatment is clear."

A photograph of a patient lying in a hospital bed, connected to various medical devices. A large monitor in the foreground displays vital signs and waveforms. The patient is wearing a nasal cannula. The scene is set in a clinical environment with medical equipment visible in the background.

"The people here do all they can.
I know I'm in good hands."

John, 50, patient



Customised ergonomic workplace design

- Workplace consulting and customised design
- Improved access to the patient
- Colour coding for improved device handling
- Ambience and illumination concepts

Effective ventilation therapy

- Advanced, non-invasive and lung protective ventilation
- Spontaneous breathing during mechanical ventilation at any time
- Visualisation of pulmonary function
- Automated, knowledge-based weaning

Safer, less time-consuming patient transport

- A single monitor can travel with the patient for continuous surveillance
- Seamless transition from bedside to transport monitoring
- Transfer of ventilation settings from one RFID-capable Dräger device to another







Dräger
Exite
Intensive VSM



Standardisation and hygiene for improved safety

- Standardised user interfaces, operating principles, nomenclature and accessories
- Smart, RFID-based Infinity ID accessories help avoid mismatches and remind personnel of replacement intervals
- Disposable breathing systems to avoid contamination

Convenient data access via medical cockpit

- Bedside access to virtually any clinical patient information
- Web-based information management and documentation systems
- Integrated electronic documentation and charting

Customised life cycle management solutions

- Scheduled preventive maintenance and remote services can maximise performance uptime
- Conformity assessed accessories and consumables
- Regular software updates and device upgrades

“Technology from Dräger
let us **help more people** than
ever before.”



We can help you achieve measurable positive impact

Putting technology to work for you

Case studies have repeatedly demonstrated the positive impact Dräger technology can have on therapeutic outcome and process efficiency. All over the world, we have consulted, equipped and serviced many thousands of ICUs. Our customers trust our application expertise and appreciate our ongoing commitment to innovation. We constantly strive to provide you with the latest and most advanced Technology for Life.

Advanced, protective ventilation

It has been shown that non-invasive ventilation (NIV) can help avoid intubation and re-intubation and thus reduce the length of stay and the number of complications significantly. For intubated patients, our lung protection package can help reduce the incidence of lung injury. Automated, knowledge-based closed loop applications can reduce weaning and overall ventilation time. Electrical impedance tomography* provides continuous, non-invasive visualisation of ventilation while smart applications can help reduce the cognitive workload by visualising pulmonary function data.

Every decision counts

To make effective decisions, clinicians need information often from a number of different sources. Our clinical information management approach gives you access to the full set of clinical data directly at the point of care.

Moving patients safely

Dräger mobile monitoring solutions support patient safety and save time. Infinity monitors can automatically switch from wired to wireless networking, providing uninterrupted surveillance while sharing your existing hospital network for maximum cost efficiency.

* available in 2011

Product and service portfolio



D-28211-2009

Workplace consulting and design to support a healing environment

Customised workplace design and integration, gas supply systems, illumination concepts



MT-6073-2008

Medical devices and smart applications to increase the quality of care

Ventilation systems and workstations, advanced ventilation software packages, smart accessories, patient monitors



D-22375-2010

Clinical information management for changing requirements

Stationary, wireless and mobile monitoring solutions, central surveillance and seamless monitoring data transfer solutions



D-22375-2010

Support for therapeutic decision-making and improved patient safety

Medical cockpit concept, real-time visualisation of pulmonary function data, patient data management



Life cycle management solutions

Customised service programs including preventive maintenance and remote services, conformity assessed, reusable and disposable accessories and consumables, updates and upgrades, special training and education programs

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