Centricity™ High Acuity Care software

Effective and efficient healthcare solutions designed to streamline workflow and enhance patient care
The complex environment of high acuity care

Operating rooms (OR) and intensive care units (ICU) are complex and busy environments that are constantly evolving. High acuity care (HAC) in these settings comes at a necessarily high cost, and issues of patient safety and the efficient use of staff, materials, drugs and critical resources all play a major part in effective decision making and management.

- **Tackling challenges every day**
- **Listening to our customers**
- **Addressing your daily challenges**
- **Providing solutions tailored to your needs**

The challenges facing clinicians and managers are many and varied, from simply ensuring that patient data follows the care pathway through perioperative and ICU departments, to increasing patient throughput, preventing cancellations in the OR and reducing waiting times.

We regularly talk and listen to you, in order to understand just what support you need on a day-to-day basis, helping you to provide efficient and effective patient care easily and economically.

Working closely with you, our knowledgeable and experienced R&D team has developed a comprehensive portfolio of software solutions designed specifically for these complex environments.

Our software-enabled Centricity family of high acuity care solutions uses a mix of core software, real-time data and powerful analytics to optimise workflows, enable more informed decision-making and ultimately helps to enable positive patient outcomes.
Outcomes and benefits from the HAC workflow

Combining Centricity Opera, Centricity Anaesthesia and Centricity Critical Care

1. **Optimising OR efficiency**
   - Centricity Opera and Centricity Anaesthesia integrate to cover different aspects of the perioperative environment, gathering information to give you real-time view into case progress in the ORs and visibility of scheduling, next days or next weeks in the OR, and helping to increase capacity and efficiency within your department.

2. **Simplifying ICU complexity**
   - Centricity Critical Care is a clinically-focused, patient-centric software solution designed specifically for ICUs, including medical, surgical and paediatric units, to help enable a high quality of care by quickly and effectively collecting and analysing data in these typically complex and stressful environments.

3. **Combining Centricity Opera, Centricity Anaesthesia and Centricity Critical Care**
   - Optimize ICU and PACU throughput
   - Offer data validation options and workflow (Operative report, PostOp summary, nurse’s notes, consigned items, traceable items)
   - Help ensure protocol adherence, support clinical decisions and patient care documentation
   - Help reduce perioperative supply costs
   - Provide an integrated patient view
Centricity™ Opera
Helping to improve OR productivity

Centricity Opera is a management solution that helps improve productivity and efficiency in the OR through effective organisation and control of materials and resources. Using OR-specific management tools, it offers a clear overview, making data more understandable, readily accessible and easily traceable, enabling efficient communication across departments.

Centricity Opera reduces disruptions in surgical schedules and optimises theatre capacity, even allowing for urgent cases, helping you to reduce cancellations, increase throughput and keep overtime and downtime to a minimum.

Centricity Opera:
• benefits patients by reducing last-minute delays and cancellations;
• benefits clinicians and OR managers by providing a more reliable OR schedule;
• benefits the hospital as a whole, saving time and money, and increasing patient satisfaction.
Analytics Dashboard from Centricity™ Opera

Helping you to get the right data at the right time to make the right decision in your OR

Analytics Dashboard from Centricity Opera gives you the tools to improve your department metrics and key performance indicators.

It is a web-based solution that can be seen from any web browser or device to follow daily workflow and streamline OR activities.

Near real-time data giving you the means to take action and anticipate last minute changes.

These dashboards help you drive financial outcomes via better Operating Room resource utilisation.

Centricity Opera helps to optimise peri-operative performance and enhance profitability by giving you the right data to react to daily fluctuations in:

- Case volume
- Room utilisation
- On-time case starts
- Unplanned overtime reduction for hospital
- Extended wait times reduction for patients
- Projected room closing
Centricity™ Anaesthesia
Managing care and documentation throughout the perioperative patient process

Centricity Anaesthesia is an important planning and documentation tool designed with direct input from clinicians and department managers from the OR. This solution benefits patients and healthcare professionals alike throughout the perioperative process, from preoperative assessment, through the induction and operating rooms to post-anaesthesia care.

Collecting and combining data from multiple sources, including medical devices and hospital information systems, Centricity Anaesthesia creates a consistent patient record which supports informed decisions, enhancing the quality of patient care.

Centricity Anaesthesia helps:
- to reduce data entry errors by standardising and automating data handling;
- to improve workflows using flexible, open protocols with touch screen enabled, simple user interfaces;
- to optimise cost savings, with statistical tools and dashboards to monitor efficiency.
Centricity™ Critical Care
Focussing on patient outcomes and managing costs in ICU

Centricity Critical Care gives you:
- the ability to quickly and effectively collect and analyse data to support informed clinical decisions;
- the capacity to simplify an otherwise hectic and demanding environment;
- the flexibility to create your own efficient workflows

Centricity Critical Care is a clinically-focused, patient-centric information system that helps you support a high quality of care in the noisy and stressful environment of a typical ICU. This flexible solution uses intuitive tools to analyse results from different sources in real time, turning potentially overwhelming amounts of data into meaningful information, providing accurate costing figures, and supporting clinical decisions in a timely way.

The strength of this solution is its flexibility, tailored for medical, surgical, paediatric or neonatal ICUs. Centricity Critical Care can be adjusted to your own workflow to improve efficiency, using connectivity and communication tools to develop flexible, programmable guidelines and protocols.

Centricity Critical Care gives you:
- the ability to quickly and effectively collect and analyse data to support informed clinical decisions;
- the capacity to simplify an otherwise hectic and demanding environment;
- the flexibility to create your own efficient workflows
one Services

Supporting your Centricity™ products with comprehensive maintenance programmes

Implementation services
Our professional services team of experienced consultants and project managers helps you to design, implement and adapt to your new HAC solution. We offer application consultancy, system integration and data migration services, tailored to your requirements.

Support and upgrade services
Our support and upgrade services help you to optimise the availability and usability of your Centricity solutions. We offer flexible service contracts with different service levels and options for system monitoring and software upgrades.

Advanced services and solutions
- OnWatch is a proactive service that monitors your Centricity product and IT infrastructure, helping to increase reliability by alerting you to potential problems before they occur.
- We offer comprehensive training to help you to encourage and support your team as they adopt new software and specific software features.

The Centricity portfolio of perioperative and ICU software solutions are supported by one Services for IT, our new generation of innovative and personalised services, designed specifically to enable you to get the most of your HAC solutions.
About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

GE Healthcare
Chalfont St.Giles,
Buckinghamshire,
UK