GE Healthcare

Centricity Perioperative

One solution for all of your surgery and anesthesia software needs.
Synchronizing surgical services providers for better patient care

**Centricity Perioperative** puts comprehensive patient data at the point of care, to help your clinicians make better informed decisions quickly and efficiently.

Developed by an interdisciplinary team of healthcare and IT experts, this highly adaptable perioperative management software integrates surgery and anesthesia workflows throughout your enterprise, including OR inventory, OR scheduling, nursing documentation, pre-op and post-op care.

**Centricity Perioperative Manager**

A feature-rich surgery management system, Centricity Perioperative Manager addresses the business and administrative aspects of enhanced patient care to help optimize room utilization, provider efficiency, and inventory charge capture. The easily configurable system lets you create forms and templates to streamline everything from scheduling to managing resources to billing and management reporting.

**Centricity Perioperative Anesthesia**

An industry-leading Anesthesia Information Management System (AIMS), **Centricity Perioperative Anesthesia** streamlines the capture, flow, and management of patient data throughout your facility. It can help provide more predictable patient care, enable more access to clinical information, and optimize reimbursement in anesthesia. This powerful, yet highly flexible solution accelerates the usefulness of departmental information systems and patient monitoring devices, putting comprehensive information at your fingertips.
Supporting a dynamic perioperative supply chain to drive ROI

Increase the accuracy of materials on hand.
Reduce inventory-carrying costs. Improve OR utilization.

Perpetual System
- Electronically send requisitions to materials management
- Automatically receive materials quantities on hand in Periop

Dynamic System
- Know what is on the shelf in real time
- See automatic replenishment recommendations
- Increase ordering speed and accuracy
- Reduce FTE time and physical costs

Real-Time System
- Automate materials management
- Accelerate automatic case cart picking
- Utilize size-based picking
- Improve control of materials department returns

Basic System
- Manage MD preference cards
- Enable automatic tissue and implant tracking
- Forecast resources based on schedules
- Improve cost analysis

With Centricity Perioperative technology, your hospital can take a modular approach to improving your OR supply chain—automating it in stages to enhance your management functionality and capabilities as your needs and budget grow.

Regulatory compliance.
With robust tissue-tracking records and sterile-processing documentation, Centricity Perioperative helps you stay ahead of regulatory requirements.

Summa Akron City Hospital results

Up to 50% time savings in inventory audits.
With Centricity Perioperative, Summa Akron City Hospital reduced the time it takes to complete bi-annual inventory audits by up to 50%, saving expensive FTE overtime hours and reducing department interruptions.

Improvements across the supply chain.
Centricity Perioperative has enabled Summa Akron City Hospital to:
- Reduce on-hand inventory by 15% in the second year alone
- Increase charge capture by 15% to optimize revenue
- Decrease supply costs by 4% by reducing waste
OR patient and staff scheduling

Your OR scheduling system should be intuitive and help to optimize your ORs. It should also help you manage regulatory compliance and facilitate web-enabled scheduling across all of your critical care areas, including cath lab, burn unit, PAT, and PACU. Centricity Perioperative brings all of these capabilities.

OR nursing documentation

Your perioperative nursing documentation system should support enhanced patient care and operational efficiency. Centricity Perioperative does this by providing pathway based charting to enforce quality standards such as JCAHO and PNDS, and bar code based instrument charting to more effectively drive your supply chain.

PAT Clinic Manager and assessment forms

Your practice and your patients benefit from Centricity Perioperative even before those patients are in the OR. One customer realized a 20% improvement in first-case on-time starts with Centricity Perioperative’s PAT Clinical Manager. In addition, pre-op assessment forms can help your staff capture the correct and relevant data for each patient to enhance patient safety and optimize professional fee billing.
The heart of any AIMS is intuitive anesthesia documentation. Anesthesia providers consistently report that GE’s anesthesia documentation is intuitive to operate, faster and easier than paper, and consistent with their current practice.

Beyond documentation, an AIMS should also be an indispensable tool that helps provide clinical decision support, improves patient flow, provides tools to securely view patient information from any location, and simplifies and optimizes the billing process.

An AIMS that can do all of these things—such as Centricity Perioperative—can be paramount for your perioperative department.

**Intuitive anesthesia documentation**

**Anesthesia Interaction Checking**

Get early notification of potential interactions between allergies and medications in the intraoperative environment, to help provide more consistent patient care and better manage Meaningful Use certification.

**Anesthesia Documentation**

With 100% touchscreen and wireless documentation capability, customizable clinical scripts, and monitor capture options, Centricity Perioperative Anesthesia speeds adoption and implementation among clinicians so that they can focus on patient care.
Improve perioperative patient flow and department management—from anywhere

**Centricity Perioperative Tracker**
Get a real-time view of patients, resources and surgical case events with a virtual white board that provides customizable views with detail for clinicians and management and a privacy view for patients’ family.

**Centricity Perioperative Bed Manager**
Get a cross sectional view into real time bed management in Preop, Intraop and PACU powered by key documentation and time elements, and accessible from a mobile platform.

**PACU Documentation**
Increase efficiency for PACU nurses with scripts that offer quick touch-screen data entry, the ability to vary content by patient population, device capture of vital signs, and easy reference of intraoperative data.

**Professional Fee Billing**
Automatically extract and summarize key billable elements for your billing staff to save time and optimize revenue capture. Correct capture of co-morbidity data ensures modifiers are correctly identified for complicated procedures, while structured procedure notes help ensure standard billing language.
Tailored support from a dependable partner

**Professional services**
No matter the size of your present installation our IT Professional Services can assist in developing an improved perioperative workflow.
- Project management, implementation, and workflow consulting
- Super user/Project team training
- Technical and integration support services

**Consulting services**
Clinical and technical consulting helps improve your clinical workflow, optimize system performance, and provide guidance to your decision-making processes.
- Analyze future state key considerations
- Phasing recommendations
- Guidance of content development and configuration process

**Streamlined implementation**
GE Healthcare’s approach to hospital implementation is streamlined to best utilize your valuable time and resources. We combine training, workflow analysis, and system building into collaborative sessions with hospital project teams so that they’re able to analyze and apply policies and procedures into the system quickly and efficiently.

**Clinical application training**
Courses are administered by experienced GE Healthcare application specialists, cover a wide variety of training topics, and can be delivered in several mediums.

**Online resources**
Information and product updates are available online for convenient 24/7 access, along with periodic webinars on a variety of topics.

**Community engagement**
The Centricity Perioperative user community independently shares best practices, and ideas to assist in the ongoing improvement of the Centricity Perioperative System both online and in person at regional and national events.
About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services helps our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our "healthymagination" vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access, and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com

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imagination at work

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12011 data provided by University of Tennessee. On-time starts increased from 72% to 87%.

2www.KLASresearch.com
Video:


Literature:

Centricity Perioperative Anesthesia brochure – tiny.cc/cpoanesthesia
Perioperative Supply Costs white paper – tiny.cc/cpowpsupply
Summa Akron City Hospital case study – tiny.cc/cposummaakroncs

Additional resources:

GE Healthcare IT Implementation – tiny.cc/gehcitimplementation
GE Healthcare IT Support – tiny.cc/gehcitsupport
GE Healthcare IT Consulting – tiny.cc/gehcitconsulting
Centricity Perioperative – www.gehealthcare.com/CentricityPerioperative
Centricity Perioperative Information Exchange – www.cpieboard.org
healthymagination – www.healthymagination.com
GE Healthcare – www.gehealthcare.com
**JAO, JAMES**
20760704177
66 y M
Proc Desc: RIGHT TOTAL HIP
Surg Desc: Osteoarthritis

**Allergies**
- DRUG: Penicillins

**Patient Issues:**
- Medical consult Cardiology
- Difficult intubation

**Laryngeal View:**
- View: Grade III
- Intubation: Difficult

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**PAT Clinic 7/15/2011 10:22:00 -- Cooper, John**

**History**
- Admit Type: OP
- SVC: Ortho
- Surgical Diagnosis: Osteoarthritis
- History of Problems with Anesthesia: Difficult intubation
- Family History of Problems with Anesthesia: Ileone Atypical pseudocholinesterase
- Previous Intraoperative Record: Difficult intubation, Grade III View
- Social History: TOBACCO: Tobacco Use: Current Smoker, Pack Years: 10
- Past Hospitalizations: Bronchitis Coronary Artery Bypass Graft Hernia Repair

**Cardiovascular**
- Hypertension: DESCRIPTION: Duration: 1-5 years, Reported Usual BP: 140-159/90-99 mm Hg

**Pulmonary**
- Other Pulmonary Diseases: Tuberculosis

**G/I/GYN**
- WITHIN NORMAL LIMITS

**Endo/Neuro/Pain**
- WITHIN NORMAL LIMITS

**MG/Heme/Onc**
- Arthritis: DESCRIPTION: Type: Rheumatoid, Cardiopulmonary Involvement: No

**Physical Exam**
- Body Mass Index: 28.3
- Ideal Body Weight: 74
- Waist: 36
Cefazolin

Allergy: The use of Cefazolin may result in a cross-sensitivity reaction based on a reported history of allergy to Penicillins Reaction: Arrhythmia, Diaphoresis.

- Cancel the administration
- Continue with the administration, despite the warnings, because:

Patient-specific characteristics allow safe administration of this medication

Comment:
- Patient-specific characteristics allow safe administration of this medication
- The potential warnings described are outweighed by the clinical benefits
- Unique indications for usage allow safe administration of this medication
- Clinical research protocols suggest administration of this medication
**PACU - Phase 1**

Patient admitted to PACU

Patient identified

Side rails up, stretcher/bed wheels locked.

Patient connected to monitors, alarms on/set appropriately.

Patient positioned postop in __

HOB: __

Isolation Precautions __

Extubated by Anesthesiology provider

Waiting room contacted

Arterial line zeroed, blood pressure checked

Ketorolac

Ondansetron

Oral care

Proc: RIGHT TOTAL HIP

Dx: Osteoarthritis

Amott, Teresa

Event: 11:15 - Amott, Teresa signed-n to the case (Physically Present)

History: 11:15 - Cooper, John signed-out of the case

11:13 - Cooper, John signed-in to the case (Physically Present)