OR Scheduling

The Centricity® Scheduler module provides a color-coded graphical view of the OR schedule, which brings all information that is needed to help automate and coordinate a surgery schedule. Resources from preference cards, ADT information, procedure details and other vital information is made available to meet hospital and department specifications. It automatically checks conflicts for staff, surgeon, equipment, room, anesthesia and resources. This allows the user to easily reschedule cases quickly and efficiently. Simultaneous scheduling allows users with the proper security access to input or edit the same schedule from different workstations at the same time, and all updates will be reflected at all workstations. This module can be used for scheduling procedures in all your critical care areas such as Endoscopy or Interventional Radiology, which can be configured into separate multiple sites for security and reporting.

- Highly configurable, easy to use (navigation, data entry)
- Ability to use industry standards for scheduling procedures
- Ability to schedule based on surgeon and procedure average times
- Intelligent preference card capability for resources
- Remote access to facilitate web-enabled scheduling
- Management of regulatory compliance such as procedure laterality

Doctor Preference Cards

All preference information including supplies, equipment, instrumentation, images and memos can be input, edited and maintained within the Centricity Perioperative environment. Utilize the flexible query tool to easily incorporate changes to multiple cards simultaneously. Another tool to assist in the streamlining of preference card management is the ability to create preference cards according to supply-related procedure groups. This allows the user to link procedures based on the need for like resources and can greatly reduce the number of preference cards needed to be maintained.

Preference card information will automatically be accessible to the Scheduler and Manager modules, meaning fast, accurate scheduling in addition to supply and staff tracking and reporting. These pick lists are integrated into the clinical documentation module to assist in supply utilization and patient charges.

- Tools to help reduce and streamline preference cards
- Global Update features for resources and memos
- Automatic updates to OR Scheduler for accurate conflict checking
- Inventory details to manage resources accurately
- Revision History is maintained to allow the user to revert to previous version of the preference card

Centricity Sterile Processing

This module allows the hospital to manage, track and record surgical instrument sets including assemble, sterilization, storage, usage, documentation, refurbishment and maintenance. With Centricity Sterile Processing, hospitals can identify instrument set location at any given time, maintain records of every set used by every patient, and analyze FTE allocation based on employee productivity. Hospitals can define their own workflow and work areas, all integrated within a complete Perioperative solution. The use of instrument sets can be associated to a particular patient, providing critical information.

- Track instrumentation within the organization
- Maintain records of refurbishment levels – event related versus time related
- Identify critical items within an instrument set and sterilizer compatibility
- Maintain electronic load records – no more paper rolls
- Patient-to-individual set identification for efficient load recall action
- Capture data on set assembly time and resource effort
- QA tracking of instrument set issue
- Instrument set utilization

Inventory

Inventory management is integrated throughout the application. Users can organize ordering, tracking, receiving, charging, inventory movement and other materials management functions. Both perpetual and cyclic inventory systems are supported with bar-coding capabilities. Inventory dynamically updates each time an item is issued, consumed or restocked. Configurable maximum and minimum reorder levels will either generate a list of items to be ordered or order them electronically from a pre-assigned vendor list. It can be interfaced to a hospital’s materials management system.

- Highly configurable to integrate material management and Perioperative workflow
- Bar-coding capabilities
- Complete Tissue Tracking from receipt to usage
- Track resource details and virtual locations for loan resources
- Supports multiple site and department set-up
- Complex Charge and Costing Rules
Centricity Tracker

Centricity Tracker is a virtual “white board” that combines a real-time view of the resources and surgical case events. These tools help manage resources within the Perioperative space. It has highly customizable views that allow the hospital to provide detailed displays for the clinicians and management. This helps meet the challenges of running a busy Perioperative service, as well as creating a privacy view of information to patients’ family and friends as they are able to track the surgical process from their arrival to the recovery room. It is also equipped with a management dashboard with customizable alerts to help with clinical and utilization efforts.

- Create multiple views for both clinical and nonclinical areas of the hospital
- Real-time status updates
- Management dashboard with customizable alerts
- Staff management including break and lunch status
- Drag and Drop capabilities to easily move and shift cases

Nursing Documentation

This module allows the Perioperative nurse to record data as it occurs in real time throughout the Perioperative care continuum. Assessment, patient, case and preference card information captured prior to the event will automatically flow through to provide the nurse with valuable patient and procedure information to help streamline the documentation process through charting by exception. Centricity Perioperative Clinical Documentation provides a pathway-based structure to deliver standard forms and controls for required elements captured during a Perioperative event. It also gives the organization the ability to configure forms and define workflow to support hospital standardization efforts and help streamline the clinical process throughout the Perioperative continuum. Required field finder makes it easy to identify every field requirement defined by the organization before signing off on the chart.

- Designed by clinicians to support ease of use
- Bar-coding capabilities
- Chart by Exception using pathway-based design
- Help meet JCAHO standards
- Can use Perioperative Nursing Data Set (PNDS) for defining care plan

OR Manager

This module provides the ability to access and capture post-case data such as additional charge information, detailed implant log, personnel and procedure data. OR Manager provides the ability to quickly search on historical case information and quick access to those with appropriate security privileges. All OR log information is entered on screen. When coupled with information from the Centricity Scheduler, this master file forms a detailed database of your facility’s history. The Manager will produce a detailed patient bill, which can be electronically transferred to the hospital’s information system.

- Supports multiple site environments for detailed reporting
- Detailed search features
- Bar-code enabled

Reporting

Through the Report Writer tool, Centricity Perioperative Manager provides the technology to drill down into the details of surgical data, analyze it in new ways, and produce graphical, easy-to-understand reports, thereby turning data into knowledge. Standard reports have been developed that focus on key areas of cost analysis and operational improvement such as Service Line Management (drill down to the top procedures and physicians within those service lines), Case Costing (isolate resource use and cost to identify individual cost drivers), and Physician Profiling (educate physicians on their resource utilization and identify high-volume, high-cost/low-cost physicians). The tool is user-friendly and requires no special programming skills or knowledge of SQL.
Anesthesia

Centricity® Perioperative Anesthesia has been developed by anesthesiologists, for anesthesiologists, to support efforts to achieve surgical safety improvements and deliver standardized, quality patient-focused care. It accelerates the usefulness of departmental information systems, patient monitoring and gas delivery devices, document management systems, staff communication, and business tools placing comprehensive information at your fingertips.

Intra-Op Cockpit

A comprehensive intra-operative documentation component with case scripts to facilitate care delivery documentation, designed by physicians, ranging from the most extensive transplant cases to quick ear tube and eye procedures. An intuitive design with touch-activated scripts allows for quick, efficient, accurate and complete case documentation. Automated data capture from patient monitors and anesthesia delivery devices is used for ease of documentation. Scripts are customizable and may be grouped by clinician, location, patient type, procedure, co-morbidity, etc. Simply attaching a patient to a monitor starts case documentation, and retrograde time stamping is universally available.

- Easy-to-use touch screen interface
- Automated data capture from your clinical devices
- Retrograde time stamping to allow focus on the patient
- Synchronized Association of Anesthesia Clinical Directors (AACD) standard times with Nursing Documentation

Case-Based Defaults

The system offers over 60 “ready to ship” CBDs that guide anesthesia caregivers through each step of any particular care plan. These guides remind caregivers of the necessary case steps and procedures. Events are instantly recorded by simply touching these reminders. Automatic time stamps are incorporated and may be quickly edited to represent retrograde times. Reminders include Times, Procedures, Medication, Events, Blood Products, Infusions, Fluids Intake and Output.

Examples of CBDs: Epidural; General Anesthesia – ETT, General Anesthesia – OPI Insulin Infusion Plan; General Anesthesia – Cardiac, General Anesthesia; MAC – Eye; OB Assisted Delivery – Epidural; OB C-Section – CSE, Peds General Anesthesia – Cardiac IV Infusion, Peds General Anesthesia – Mask Induction, etc.

- Standard scripts included
- Auto pages and text messages
- Configurable alerts and timers
- Case completion validation
- Retrograde time stamping

Automatic Data Capture

Data is automatically collected and displayed in both graphical trend and grid formats. The system is designed to accept data input from monitoring and gas delivery/ventilation devices via clinical networks. The system reports the status of the device capture at all times to the clinician and network administrator on a per OR basis. Hundreds of input variables are supported (e.g., heart rate, ETCO2, Sevoflurane Insp/Exp, Sao2, etc.). This system may be configured to support data editing and artifact reporting. Data may also be entered manually at any time.

Anesthesia Clinical Summary

The clinical summary serves as a one-stop anesthesia-centric view of the most vital data available. This feature facilitates answering the question “What happened last time?” as it pulls together data from disparate sources (lab, transcription, etc.). The clinical summary quickly and efficiently informs the clinician of the patient’s past experience and their current status.

PAT Clinic Appointment Manager

This module manages all appointments for the Patient Advanced Testing (PAT) Clinic. Appointments are displayed and updates are available to manage patient status (completing paperwork, changing into gown, with clinician, discharged, etc.). This feature can be used in conjunction with OR Scheduler and/or managed separately.

- Track visit status and waiting room
- Use in conjunction with OR scheduling or on its own
- View previous assessments side by side with current assessments that can be confirmed through to eliminate duplicate entries
Assessment Forms

Centricity Perioperative Anesthesia (CPA) offers complete and content-rich electronic patient assessment forms that are designed for use prior to and after the intra-op episode of care. The computer-based patient assessment form allows the clinician to quickly capture key evaluation data, share it and store it for future use. Data is collected by various methods, each designed to enhance and improve the workflow process. A quick review of key benefits of these forms will be helpful.

The forms are highly flexible, so that unique content can be developed if needed, with relative ease. These tools are best implemented with process improvement, as well as clinician and patient satisfaction in mind.

- Highly configurable assessment forms
- Hospital-defined integrated summaries highlight the pertinent positives and negatives
- Previous assessments can be viewed side by side with current assessments that can be confirmed through to help eliminate redundant data entry

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