HIMS | Specialties & Ancillaries

OPERATING THEATRE

The need is the beginning of the story

For many hospitals, the operating room is where the most critical cases and most expensive activities takes place. Inconsistent and incomplete patient assessments, unpredictable patient flow and unprepared anesthesia care providers can lead to serious patient complications, day-of-surgery delays, cancellations and lost charges for pre-op consultations. When assessments are incomplete, or anesthesia providers and surgeons don't have the right information needed to prep the patient, mistakes can be made, surgeries may be delayed or cancelled, subsequent patients are bumped from the OT schedule, and OT resources are underutilized impacting costs and revenue. Every detail of the patient journey, service provided, and resources used should be captured automatically from pre-operative to intra-operative through recovery.

About the Module

OT Module captures, prepares, and makes accessible every facet of the perioperative process, so hospitals can focus on what is important — their patients. It is a comprehensive operating room management system that automates each step of the perioperative process, including: Surgical scheduling, Perioperative documentation, Supply chain management, Revenue management and Quality reporting.

It provides the important data needed to reduce costs, maximize resources, help clinicians promote quality of care and analyze the costs of delivering care. It combines proven success in perioperative automation, unparalleled multifacility functionality and scalability and expert integration to help healthcare facilities gain a competitive advantage.

It also provides powerful business tools that increase OT efficiency and improve financial performance. The module automatically captures supply use, OT time, procedures and other charges and automatically transmits that data directly to your billing system. This reduces lost charges and speeds billing. It tracks the status and locations of patients and resources, and compares their progress to user-defined care paths. Critical checkpoints proactively notify staff to potential delays, allowing them to anticipate problems and make adjustments that improve OT utilization.

Module Highlights

01 Comprehensive and flexible point-and-click scheduling
02 Remote physician office scheduling
03 Complete multifacility functionality
04 User-defined scheduling and intraoperative documentation screens
05 Pre-defined best practice content including AORN PNDS
06 Tissue tracking
07 Advanced implant / supply chain tracking and charge capture
08 Comprehensive security features and field-level audit trails
09 Integrated documentation with other perioperative modules
10 Proven interoperability with supply management and hospital information systems
11 Standard operational reports and quality reporting

Key Features

- **Comprehensive Patient Scheduling:** Maximize OT time and streamline physician offices booking processes by combining advanced multifacility features with flexible scheduling tools.

- **Physician Office Link:** Bridge the communication gap while reducing phone calls and paperwork by empowering physician's offices with Physician Office Link. This component of OT module provides the capability for physician offices to 'reserve' a surgical appointment directly.

- **Preference Cards / Supply Chain Management:** Track supplies, simplify billing/inventory control and significantly reduce waste. With OT module, facilities can quickly track supplies, update preference cards and transmit data to a materials management system, where this information automatically decrements inventory and triggers reorders. Calculate supply and non-supply costs then transmit patient charges to billing upon verification.

- **Materials Management Interface:** It controls the inventory and manages the decrementing and incrementing of inventory for the facility. A large share of waste is due to lack of inventory control, however with bidirectional interfaces, facilities can accurately charge the patient or reconcile their costs.

- **Bar Coding:** OT module supports bar code scanning for fast and accurate intraoperative documentation of supplies.

- **Tissue and Implant Management:** OT Module facilitates the capture of data necessary to meet Joint Commission regulatory requirements within a single application.

- **Tissue Tracking:** OT module tracks receipt of tissue as well as preparation information including solution and antibiotic administration. Easily access all vital data points to identify when the tissue was received, where it was stored, when and how it was transported, etc. if questions, concerns or future incidents arise.

- **Implant tracking:** When it comes to implants, the ability to track, manage and report is key. In the event of a recall, you can quickly and effortlessly find the patients you need to contact. If there is a question of inventory control, the facility can quickly find out where inventory is located, as well as if and where it was used.

- **Nurses Notes Online nursing perioperative documentation:** Comprehensive online nursing intraoperative charting while leveraging existing investments in IT and hospital information systems. Full integration of data from preoperative/intraoperative care and the post anesthesia care unit (PACU) allows for updates to the appropriate fields to occur automatically while interfacing with existing clinical information systems.

- **Secure Staff Procedure Authorization:** Easy-to-use features make the job of verifying surgeon credentialing fast and efficient. The system supports the process of tracking physician privileges and offers conflict checking during the booking process.

- **Integrated Perioperative Billing:** Once a surgical case is complete, OT module transmits procedures, supply use, OT time, equipment, staffing and other data directly to a healthcare organization's billing system, allowing patient charges to be calculated and communicated seamlessly.

Benefits

Track disposition, temperature and location from the moment implants and tissue arrive on site, to OT use. Optimize tissue and supply use with physician and procedure preference cards.

Less complex tracking—you don't need a tissue tracking system you have it all in one place—all at your fingertips.

Reduces manual labour for patient history tracking

Makes the process of checking the authorizations of surgeons quick and efficient, while minimizing errors during surgical scheduling.

Streamlined approach helps reduce lost charges and improves the timeliness of billing.

System Capabilities | Operating Theatre

- Peri-operative provides a proven integrated platform automating the entire perioperative episode of care from Pre-op, through surgery, to PACU.

- Comprehensive Surgical documentation.

- Capable of preference card automation

- Shall be capable of Scheduling and Processing of surgeries in the Operations Theatre

- Capable to schedule and sequence operations on a certain time frame.

- Handles multi operations per patient.

- ICD-10-CM coding schemes.

- Allocation of Surgery medical team.

- Scheduling of Anesthesiologists.

- Reservations and appointments for surgeries.

- Linking with the inventory module.

- Shall allow for descriptions of operations.

- System shall allow for retrieving general medical information about types of operations that take place, there number, i.e. sorting parameters.

- Provision to Schedule surgery from Clinician Outpatient module taking into account the availability of the Operation Theatre and other such resources

- Provision categories for classification of operations into major and minor

- Provision for definition of surgical supplies and articles associated with each operation.

- Provision for assigning staff to operation theatre.

- Provision for entry of risk factors, medicines, anesthesia and complications associated with each operation.

- Provision for entry of surgical reports using standard text blocks in free text format.

- Provision for block reservations of Operation Theatres for specific days of the week for a specified period and specialties/surgeon.

- Provision for bulk post-surgical registration for urgent unscheduled surgeries.

- System shall generate control reports like post-surgical registration not done, sessions not ready, operations scheduled but not performed etc.,

- Provision to trigger a list of Articles-to-Operations cross-reference shall be possible at the start of the day for operations during the day.

- Facility to capture Pre and post operation details like anesthesia given time, recovery time, complications, etc.

- Provision to codify Extra staff such as interns, medical students, etc., and their allocation to a particular operation.

- Provision for pre-operative checklist.

- A number of queries and reports shall be possible from the system.

- The system shall have appropriate interfaces with billing, inventory control and pharmacy modules of the overall system.