

HIMS | Specialties & Ancillaries

ANESTHESIA

The need is the beginning of the story

The biggest flaw in anesthesiology management is human error. Illegible paper-based documentation is a medical legal risk. Medical errors also occur when transferring a patient between care settings due to miscommunication, hard to decipher handwriting, and incomplete records. Multiple islands of data make it hard to gather data needed for regulatory compliance, clinical research, and analysis and operational improvements. The ideal solution to this problem is a complete, legible, and accurate automated intraoperative anesthesia record. Automatic data collection saves clinicians' time helping them place their focus on the patient. An electronic anesthesia record helps improve data collection for clinical research, enhances quality improvement programs, and improves compliance with regulatory requirements. The completeness and legibility of the intraoperative anesthesia record facilitates billing and can assist in defending clinicians when challenged legally.

About the Module

Anesthesia module is an Information Management System designed to assist anesthesia care professionals in completely and accurately charting a patient's progress throughout the surgical encounter, from Preop to Intraop to PACU.

This advanced Anesthesia Information Management System (AIMS) helps support the hospital's quality mission and effectively empowers anesthesia providers by supplying the necessary information to support administrative needs such as utilization and service line analysis, compliance and quality reporting and billing. It is designed to help Operating theatre (OT) clinicians

implement best practices with configurable software that supports their workflow. It integrates with other OT systems, and is interoperable with all major EHRs.

The Anesthesia module, when integrated as part of a hospital's comprehensive perioperative automation strategy, helps clinicians improve care quality and patient outcomes. The system also has a direct effect on the efficiency of hospital staff and processes, costs, billing, regulatory compliance and risk management.

Module Highlights

- 01 Integration with OR systems
- 02 Preoperative patient management
- 03 Configurable documentation templates
- 04 Medical device connectivity
- 05 Advanced patient/case tracking
- 06 Clinical decision support
- 07 PACU documentation
- 08 Automation of supply and pro fee billing
- 09 Analytics to help run your practice Quality reporting
- 10 Mobility
- 11 Integration with HIS and financial systems



Key Features

- **Streamline and Automate the Preoperative Assessment:** Patients scheduled for surgery can enter their medical history securely online at their convenience. Comorbidities are captured and integrated within the record, facilitating review and completion of the preoperative assessment by preop clinic staff and the anesthesiologist. Preoperative clinical decision support is applied to the patient's medical history, which generates patient / case specific teaching instructions, diagnostic testing and consult recommendations for clinical review, and generates a customized set of administrative tasks that need to be completed, prior to, and on the day of surgery. These teaching instructions, testing / consult recommendations and administrative tasks combine to create a complete preop checklist for the patient, helping to ensure all preop tasks are completed in a timely manner, and key steps are not missed or unnecessary steps / tests performed. This results in fewer day-of surgery delays and cancellations while ensuring the most efficient preop process possible.
- **Increase Quality of Anesthesia Record:** Anesthesia module generates structured and legible clinical documentation, reducing the risk of errors, from non-standard documentation and illegible notes. Configurable templates reflect institutional requirements, and forms are easily modified when requirements change. Comprehensive recommended documentation practices, for patient records and quality reporting, leverages a compilation of Picis customers' best practices, accelerating compliance through updated clinical content, without compromising existing records.
- **Increase Anesthesia Charge Capture and Professional Fee Billing:** Complete, accurate and legible case documentation meets anesthesia documentation standards, captures all anesthetics and amounts used, plus tracks other supplies. Clinicians produce standard professional fee billing output for transmission to third-party billing companies.
- **Support Quality Initiatives:** It supports various hospital and physician-required quality initiatives such as SCIP, PQRS, Medicare, and other quality reporting initiatives, such as AQL.



Benefits

Anesthesia Module helps anesthesia care providers manage the large volumes of important data created in the preoperative, intraoperative and postoperative stages of surgical care. The system assembles key data for a complete overview of a patient's status, while providing efficient information management and tracking of the anesthesia care process. By combining electronic anesthesia documentation, as part of

a comprehensive perioperative automation solution, hospitals benefit by having a complete, defensible, accurate and legible record of the surgical experience. This enhances accountability, improves charge capture and reimbursement, helps reduce liability risks and offers hospitals the best opportunity to optimize clinical documentation, financial and operational results.

Powered By

PICIS CLINICAL SOLUTIONS



Picis is a global provider of clinical information solutions that automate the entire perioperative experience with one continuous patient record, from preop to anesthesia through PACU. Picis continues to focus and specialize the integrated suite of solutions in life-critical areas of the hospital where the patients are the most vulnerable, the care process is the most complex, and an increasing majority of hospital costs and potential revenue are concentrated. The software enables rapid, sustained delivery of clinical documentation, and financial and operational results. From department performance to patient case costing, hospitals benefit from the ability to interact with the data needed to help clinicians improve patient care, engagement and hospital revenue goals. Picis Clinical Solutions, a wholly owned subsidiary of N. Harris Computer Corporation, is headquartered in Wakefield, Massachusetts with licensed systems for use at more than 400 hospitals worldwide.

System Capabilities | Anesthesia

- Integrates with the Picis Perioperative suite, or with other OR systems, and is interoperable with all major EHRs.
- Optimize for quick data access making it easy to read and support multidisciplinary preoperative documentation and chart review
- Allow anesthesiologists to quickly build concise and completed anesthetic assessments while supporting the workflow surrounding the preoperative evaluation
- Quality measure tracking with Anesthesia Quality Institute (AQI) integration and report on patient populations and postoperative results
- Required and recommended fields help ensure compliance with documentation guidelines
- Care Beacon prompts for SCIP compliance, scores, assessments, nursing care activities
- Templates and macros document meds, fluids and events
- Library of interfaces link to multiple medical devices
- Configurable links to other clinical systems while maintaining patient and user context
- Increases reimbursement resulting from documentation of comorbidities
- Aids compliance with standards of care and capture of required data for billing
- Automatically abstracts and transmits billing information from the anesthetic record
- Produces output via an HL7 interface to 3rd party billing companies.
- Summarizes intraoperative events to facilitate postop care and provide billing details
- Provides reporting for hospital quality assurance departments
- Tracks cases by anesthesia professional and performs concurrency checks on caregivers
- Captures and reports core measures to regulatory and accrediting agencies
- Meets Joint Commission mandates for each patient encounter
- Provides standard report extract for submission to Anesthesia Quality Institute (AQI)
- Preoperative clinical decision support
- Intuitive preop checklist management
- Web-based patient intake portal
- User-defined rules
- Automated notifications
- Best practice report library includes case milestones, quality assessments and physiologic data
- Customizable reports to facilitate research
- Reports distributed in a variety of formats

