

HIMS | Electronic Medical Record

# INPATIENT



## The need is the beginning of the story

Today's health systems face multiple challenges: a global shortage of nurses, physicians and allied health professionals, raised patient expectations for quality care, safety and access to their information, enhanced information security and privacy standards. There is also the ever-rising costs / financial challenges and increased governmental reporting and analytics to drive decision-making and improving treatments. Therefore, today's health systems require patient-centric, integrated EMR solutions that provide robust clinical decision support to physician, nurses and allied health professionals, are easy to use while being accessible from anywhere at anytime and from any device. Furthermore, solutions shall provide maximum flexibility and scalability to an organization and allow it to independently tailor and evolve their EMR to address ever changing needs and evolving practices. It must also be affordable and provide high value.

## About the module

Harris Healthcare's Flex is a comprehensive, fully integrated and patient-centric electronic record system. It includes a full complement of modules and applications integrated in one single database. The solution automates healthcare delivery documentation while providing clinical decision support and supporting best practices.

It supports the entire continuum of care — from the ambulatory clinic to the acute care areas to home care.

It integrates all aspects of patient care into a single, confidential patient-centered electronic patient record.

Harris Flex effectively leverages InterSystems' HealthShare, a robust object relational database optimized for today's healthcare data, to safely store and expose your clinical data. Harris Flex's new architecture includes state of the art capabilities that facilitate data interchange through the latest FHIR-based interoperability standards.

## Module Highlights

- 01 Patient Registration and Medical Record
- 02 Laboratory, Radiology, Pharmacy
- 03 Orders and Results Management
- 04 Integrated Medication Management
- 05 Nursing documentation
- 06 Physician Documentation
- 07 Allied Health Documentation
- 08 Clinical-Decision Support
- 09 Analytics and Reporting
- and many more



## Key Features

### Patient Registration and Medical Record

Supports adding new patients and visits – the system performs a check for possible duplicate patients and supports creation of customized demographics data entry screens. Duplicate patients can be merged and unmerged. Provides access to patients / visits defined already in the database via patient lists. Processing of patients and visits – the system supports a variety of patient types and a status associated with each of those visits. Visits can be converted from one type to another to allow seamless carry forward of data to support orders/results management.

### Laboratory, Radiology, Pharmacy

Laboratory provides full departmental functionality for the general laboratory areas such as biochemistry, haematology, urinalysis serology, microbiology, and parasitology.

Radiology provides the tools and features needed for radiologists, technologists, and support personnel working in all major diagnostic imaging specialties.

Pharmacy provides hospital pharmacies with all software tools necessary to handle complexities of modern prescription processing, robot automation, workflow, inventory and queue management increasing efficiency and patient safety. It manages Inpatient Pharmacy & Inpatient Medication Dispensing Systems (IP-MDS).

### Orders and Results Management

Enables providers to enter medical orders efficiently. Users can enter orders individually or select from order sets. When the patient's clinical results meet or exceed pre-defined thresholds, it can suggest orders. It can also automatically generate associated or linked orders, notify the clinician of automatic stop orders, and simplify the entry of complex orders (sliding scales, TPNs, etc.).

### Integrated Medication Management

Allows the full circle of life of a medication order to be completed and streamlines the entire medication delivery process. This includes CPOE, Pharmacy Review/Dispensing and administration, including BCMA, documentation as well as medication reconciliation that all clinicians can access or review.

### Nursing documentation

Automates all aspects of clinical documentation for Nursing including: Assessments, Notes, Intake and Output, Care Plans, Problem List, eMAR, Allergies, Immunizations, Order Entry, Chart Review, Staffing assignment and more.

### Physician Documentation

Automates all aspects of physician documentation. Starting with the documentation of assessments, notes, problems to the review of patient data to an inbox functionality which helps prioritize tasks - all is included to support a most efficient workflow for busy physicians saving them precious time.

### Allied Health Documentation

Optimizes the workflow of Allied Health personnel from the management of consults and referrals by physician to the documentation of patients' assessment and notes to the generation of reports.

### Clinical-Decision Support

First, real-time alerts / warnings, reminders and guidelines embedded in clinical processes promote expert clinical decision support which greatly reduce patient care costs and improve patient outcomes by giving physicians tools to enhance the quality of their care decisions.

### Analytics and Reporting

Analyze data to confirm trends, uncover patterns, determine root causes and more.

## Benefits

Increases patients' safety, the quality of care they receive and improves their clinical outcomes.

Provides robust Clinical Decision Support to clinicians to reduce / prevent medication and medical errors.

Streamlines and optimizes clinical and clerical workflows even when "on the go".

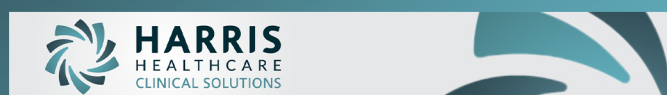
Standardizes care and enforces protocols/ best practices and ensures data accuracy.

Promotes interdisciplinary collaboration and real-time communication between healthcare providers.

Increases physician acceptance, productivity through ordering system and order sets.

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