MIMSYS
asia pacific

Hospital Management System

Deliver world class healthcare with the MIMSYS integrated hospital management system

The MIMSYS Hospital Management System is a platorm built on modern scalable technology with a robust technical architecture. MIMSYS helps hospitals provide faster and safer care, efficiently and cost-effectively.

MIMSYS is a complete end-to-end hospital management system. It replaces fragmented hospital systems, improves patient access to care, and facilitates the optimal delivery and use of healthcare services.

Benefits of using MIMSYS Hospital Management System (HMS)

Integrated system to deliver a patient centred health experience

Access data in real-time from any integrated system

Analysis and insights to deliver improvements in service delivery and planning
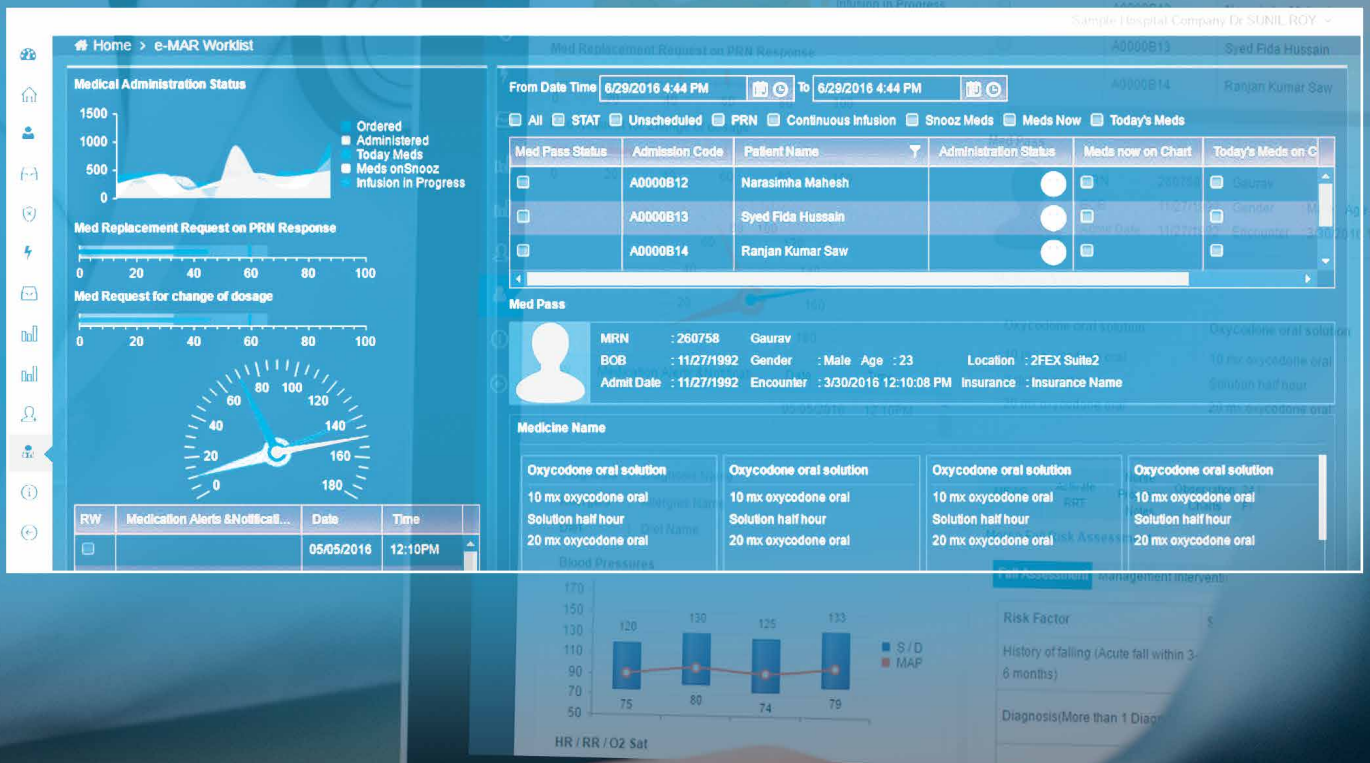
Closed Loop Medication Management

Secure and encrypt confidential patient information

Streamline inventory management, improve billing accuracy and cut costs

Financial efficiency through improved operational performance

The Modules

- ICU
- System Manager
- Electronic Health Record
- Patient Appointment
- Care Provider Forms
- Nursing Station and Assessment
- Admission Discharge and Transfer (ADT)
- Nursing Protocols (Integrated Care Plan)
- Insurance and Claims Management
- Radiology
- Triage and Emergency
- Laboratory
- MIMSYS and Financial Applications

- Out-Patient Billing
- In-Patient Billing
- Inventory
- Theatres /Operating Rooms
- Pharmacy
- Infection Control for Vaccination and Immunisation
- Quality Control
- Central Sterile Services Department
- Blood Bank
- Document Manager
- Dietary and Kitchen
- Mobile Applications

Deliver the highest quality of healthcare at the lowest possible cost

MIMSYS is a feature-rich, single vendor solution that is built on a proven, robust and award-winning architecture. The system provides hospitals with complete visibility of their day-to-day operations and finances. It offers robust security and tight integration across all the departments from registration to accounting in one solution.

The MIMSYS HMS offers over 30 integrated modules that can be customised and selected based on individual hospital requirements.

Mobile Applications

MIMSYS enterprise mobile applications change the way patients think about healthcare and creates channels of communication, enabling healthcare professionals to provide improved patient services.

- iSmart Hospital – Provides management complete operational visibility across the entire hospital facility (CEO, CFO, CIO, COO).
- iSmart Provider – Access to patient electronic medical administration records (eMAR), in-patient and outpatient admissions, care plan, prescribed medications, alerts, notifications, encounters, utilisation and revenue metrics, critical lab, radiology and test results.
- iSmart Nurse – Access to appointments, admissions, eMAR, initial assessments, orders, approvals, care plan, prescribed medications, alerts and notifications, critical lab, radiology and test results.
- iSmart Patient – Mobile check-in, post care assessment, pre and post appointment scheduling and confirmation, personalised education and procedural notifications.
- MyDoctor Time – Patient Portal for Patient Appointments.

System Manager

Customise workflows and processes using the System Manager feature.

System Manager allows you to utilise industry standard codes, set up billing codes, generate reports and much more. The flexibility of the system allows you to capture any details specific to your processes.

- Automatically generate unique hospital identification numbers with controls.
- Validate new patient records to eliminate duplication.
- Establish a Patient Master Index (PMI) for patient registration, admission, visit or encounter.
- Capture detailed information on patient visits such as the type of visit, department visited, physician and payer details.

Electronic Health Record

Digitally manage your health enterprise system using the Electronic Health Record feature.

- Provide accurate, up-to-date, and complete information at the point of care.
- Use the SOAP process (Subjective, Objective, Assessment and Plan) and electronically document patient information.
- Quickly access patient records for more coordinated, efficient care.
- Securely share information among patient and different departments.
- Capture information at discrete levels, and improve interaction and communication between patients and physicians.
- The MIMSYS system supports computerised physician order entry (CPOE) that allows physicians to electronically enter medication, laboratory and radiology orders, and manage the results of these orders.
- Integrates with My Health Record.

Doctors can record and view patient medical details through Mobile Apps (IOS, Android), which act as technology enablers - providing doctors with a 360 degree view of their patients. The EHR is an electronic record of patient health information generated by one or more encounters in any care delivery process. The information includes patient demographics, progress notes, problems, medication, vital signs, medical history, immunisations, laboratory data and radiology reports.

Patient Appointment

The Patient Appointment feature allows you to check availability, schedule and track appointments.

- Ability to view the entire physician schedule.
- Manage effective slot management using the waiting list feature.
- Cancel, reschedule booked appointments.
- Handle emergency requests and assign slots.
- Streamline patient's consulting process and make it smooth and easy.
- Define appointment type and duration.
- Remind patients about their appointments through email or text message.
- Allow patients to book appointments online through your hospital portal or mobile app.
- Additional SMS Functionality can be integrated for patient reminders.

Care Provider Forms

Efficiently configure and manage a library of consolidated forms.
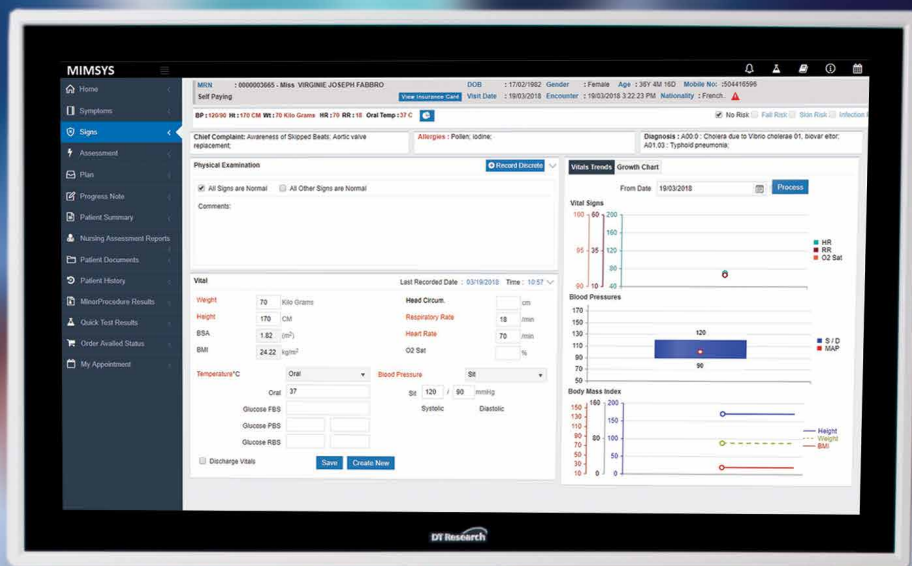
The MIMSYS Hospital Management System allows you to design care provider assessment and care forms for various activities such as newborn assessment and examination, immediate post-natal examination, artificial feeding, birth notification, adult pressure sores, risk assessment, Glasgow Coma Scale and much more.

You can configure as many forms as you want depending on your hospital's requirements. Speciality forms such as blood transfusion sheet, diabetic worksheet, wound pressure sore management, paediatric humpty dumpty screen, dialysis nursing record, neurological observation record and chemotherapy record are also available.

Nursing Station and Assessment

The Nursing Station and Assessment functionality provides the ability to define multiple nursing stations and assign patients to specific rooms and care providers based on their needs.

- Follow the appropriate sequence of clinical interventions, time frames, milestones and expected outcomes using best practice.
- Send Discharge Request to the ADT with the expected time of discharge and schedule follow-up appointments.
- Capture and record patient vital signs, nurse notes and assessments.
- Manage medication prescriptions, laboratory tests and other services.
- Manage patient's EMR based on uni-dose.
- Use the eMAR worklist to filter patient's tasks and medications that need to be administered, recorded and updated for the displayed period.

Admission Discharge and Transfer (ADT)

The Admission Discharge and Transfer module ensures that patient management processes are tightly integrated when patients move from one setting to another.

- Extensive bed management capabilities including maintenance of different wards, bed types, and bed classes.
- Transfer patients from one bed or ward to another and track patient movements during their stay.
- Comprehensive discharge management process that includes discharge care plan and mandatory nursing interventions, nursing discharge checklist and patient discharge checklist.
- Capture all discharge information including details of wounds, dressing, tubes and special equipment carried by the patient.
- Streamlined work flows and alerts for care providers to plan discharge process.
- Schedule follow-up appointments and provide medications with instructions at the time of discharge.

Nursing Protocols (Integrated Care Plan)

The MIMSYS Integrated Care Plan feature provides a graphically rich interface for nurses to track the care plan defined by physicians and helps them achieve the overall patient care goals.

- Ability to automate work flows to reduce time required to document patient care interventions.
- Use clinical guidelines and clinical management protocols as part of your clinical pathways.
- Use colour coded icon driven statuses, reminders, and alerts for all your clinical processes from admission orders to discharge.
- User-friendly graphical interface allows nurses to send and receive notifications from physicians, perform electronic Medication Administration Records processes for medication and view diagnostic results and statuses.
- The Early Warning System (EWS) tool helps you implement rapid response teams by empowering nurses to flag any life-threatening situations quickly and efficiently. Parameters for MEWS, MOEWS, PEWS and NEWS can be configured.

Insurance and Claims Management

The MIMSYS Hospital Management System is designed to handle multiple insurance processing requirements and protocols.

- Verify insurance eligibility and benefits.
- Configure department wise eligible services.
- Select co-payment percentage at patient-level or detail level.
- Fix patient deductibles based on annual or per consultation visit basis.
- Ability to require pre-authorisation by insurance provider when the amount exceeds a predefined limit for a bill or an individual item.
- Track and view all claim related activities in real-time.
- Combine all claims into a single claim for a patient and send it to the patient's payer for approval.
- Medicare online claims with Eclipse Integration.

Radiology

The Radiology functionality covers a comprehensive set of requirements of the radiology department such as scheduling of appointments for examinations, examination processing, post-examination results reporting and film tracking.

- Optimise the use of your radiology equipment and increase efficiency by scheduling appointments without any clashes or conflicting bookings.
- Experience shorter waiting times and faster diagnosis with the ability to schedule multiple patient appointments at different clinics.
- Monitor test turnaround times by capturing time at each stage – order receipt, test performance, and result entry.
- Integrated to major Radiology RIS and PACS systems.
- Image Management used to access, store, view and share medical images.

Triage and Emergency

The Triage feature helps you quickly assess the severity of incoming patient's condition and assign treatment priorities to ensure that they receive appropriate attention.

The MIMSYS system assigns a triage acuity level based on the assessments done by the triage nurse, helping the triage nurse identify patients requiring rapid intervention, intermediate or routine care. Nurses will also be able to manage early discharge planning and resource allocation.

Laboratory

The Laboratory functionality is tightly integrated with the other functionalities of MIMSYS Hospital Management System.

- Adhere to the CAP checklist for laboratory practices.
- Enhance laboratory work flows to achieve efficiency, security and productivity.
- The two-way interface between the MIMSYS laboratory system and clinical laboratory equipment facilitates quick generation of reports and improves efficiency.
- Follows 21 CFR Part II Compliance.
- Cytology, Histopathology and Microbiology modules available.

MIMSYS and Financial Applications

The MIMSYS HMS is fully integrated with financial applications.

The system links all services that are provided to a patient, capturing all billable activities for each patient.

The integrated solution helps improve your hospital's performance and services by giving you a 360 degree view of each hospital department. With improved billing, your finance department will be able to get specific and detailed information about the performed actions in any department for complete Revenue Cycle Management (RCM).

Home > Patient Medical History

MRN : 260758 Mrs NARASIMHA MAHESH   DOB : 11/27/1992 Gender : Female   Age : 23   Location : 2FEX Suite2
Insurance :   Admit Date : 3/30/2016 Encounter : 3/30/2016 12:12:12 PM

Family History   ⊕ Record Discreet ⌄

☐ No Past Family History

Comments:testing

Mother: Brain tumor, Cancer, Diabetes, High blood pressure, Consanguinity.
Sister: Asthama, Bleading disorder, Cancer, Diabetes, High blood pressure.
Brother: Asthama, Bleading disorder, Brain tumor, Diabetes, High blood pressure.
Paternal Aunt: Asthama, Bleading disorder, Cancer, Diabetes, High blood pressure.
Paternal Uncle: Asthama, Bleading disorder, Cancer, Diabetes, High

Social History   ⊕ Record Discreet ⌄

☐ No Social History Recorded

Patient is Single
Pateint stopped taking drugs since 12 Months
Pateint stopped alchohol since 12 Years
Current Employment -cc
Occupational History -ohis
Occupational Hazards -OcuHaZ
Level Of Education -LOE
Sexual History -SeHis
Other Relevant Social Factors -OsF

Past Medical History   Medication History ⌄

Chronic Conditions   ⊕ Record Discreet ⌄

On 30/03/2016   at 12:44 PM
Addison's disease, Asthma, Glaucoma, Schizophrenia, Haemophilia, Coronary artery disease.

Surgery History   ⊕ Record Surgeries Performed ⌄

☐ No Surgery History

Comments:tested tested

Surgery Description: PERMANENT PACEMAKER/DEFIBILLETOR IMPLANTATION-TRIPLECH
On SetDate : 4/5/2016   Comments : 321123

OB/GYN History   ⊕ Record Discreet ⌄

☐ No OB/GYN History Recorded   ☐ Reviewed

Pregnant: Yes
Period: Not Selected
ED Date:
SBE Date: 4/5/2016
LMP Date: 9/15/2015
Breast Feeding: No

Out-Patient Billing

The Out-Patient Billing feature offers hospitals a comprehensive facility to track all the changes and services offered to a patient from the time of registration to the time of discharge.

- Integrated with other departments so that all billing transactions can be automatically posted to a patient's records.
- Allows the patient billing process to be done at predefined periods or at the end of the visit.
- Fully integrated with the Insurance and Claims Management feature.

In-Patient Billing

The MIMSYS system plays a significant role in providing hassle-free in-patient billing such as accurate provisional bills, supplementary bills, final bills and bill settlement.

- Flexible user interface for consolidating in-patient details and tracking billing charges from the time of registration to the time of discharge.
- Track details of services provided on a daily basis and avoid readmission errors and double billing.
- Ability to bill under various categories such as corporate, insurance, package and extra billings help you estimate expenses and decide the further course of action.

Inventory

Manage your hospital inventory of medical, surgical, laboratory and radiology supplies and items by using the inventory feature of MIMSYS Hospital Management System.

- Define and manage multiple stores, and link them to nursing stations, theatres and ancillary departments.
- Track inventory items from stock rooms to theatres to disposal rooms.
- Improve inventory management, prevent stock-outs, supply issues and inventory fluctuations.
- Capture usage and charge rates for supplies and equipment.
- Streamline ordering and billing processes.
- Support multiple stores, price lists and vendor-wise item setup.
- Track the shelf life of your inventory based on its expiry date and maintain your inventory stock batch wise.

Theatres /Operating Rooms

The theatre feature of the MIMSYS solution allows you to define pre-operative and post-operative processes.

- Define the types of operations into three different types: Major, Moderate and Minor.
- Ability to schedule operations based on the availability of the operation rooms.
- Search functionality to help you look at operations scheduled in a given timeframe.
- Include additional information for scheduled operations such as surgeon details, operation selection from available CPT4, ICD 10-AM surgical procedures.
- Set up pre-operative, inter-operative and post-operative notes and checklists for operations.

Pharmacy

Manage a comprehensive medication database including the dispensing and stock control functions using the Pharmacy Management feature.

- Maintains a centralised medication information system that includes complete medication formulary management.
- Ability to support standard dosages, contraindications, interactions, physical and chemical characteristics, medication classifications and indexes.
- A comprehensive application for managing hospital inventory including medications and other medical, surgical and laboratory items.
- Tightly integrated with the inventory feature to handle billing and costs, shelf life and multiple batches.
- Generate labels containing dosage details and other instructions.
- The Closed Loop Medication Management System is a revolutionary process that integrates intelligent systems to completely close the inpatient medication management and administration loop. It will significantly enhance patient safety and improve efficiency of the entire medication management process, from prescription ordering and supply to the administration of the medication.
- Integration with Robotic Automated Pharmacy Dispensing Systems.

Infection Control for Vaccination and Immunisation

The Infection Control module assists measures to control infection, including identifying patients at risk of nosocomial infections.

- Ability to look at a patient's immunisation eMAR and history.
- Record patient's clinical assessment and screening details.
- Define immunisation type and medical administration item location.
- Ability to enter and search predetermined responses to common questions, special instructions, immunisation schedules, patient scheduled immunisation details and decision status.
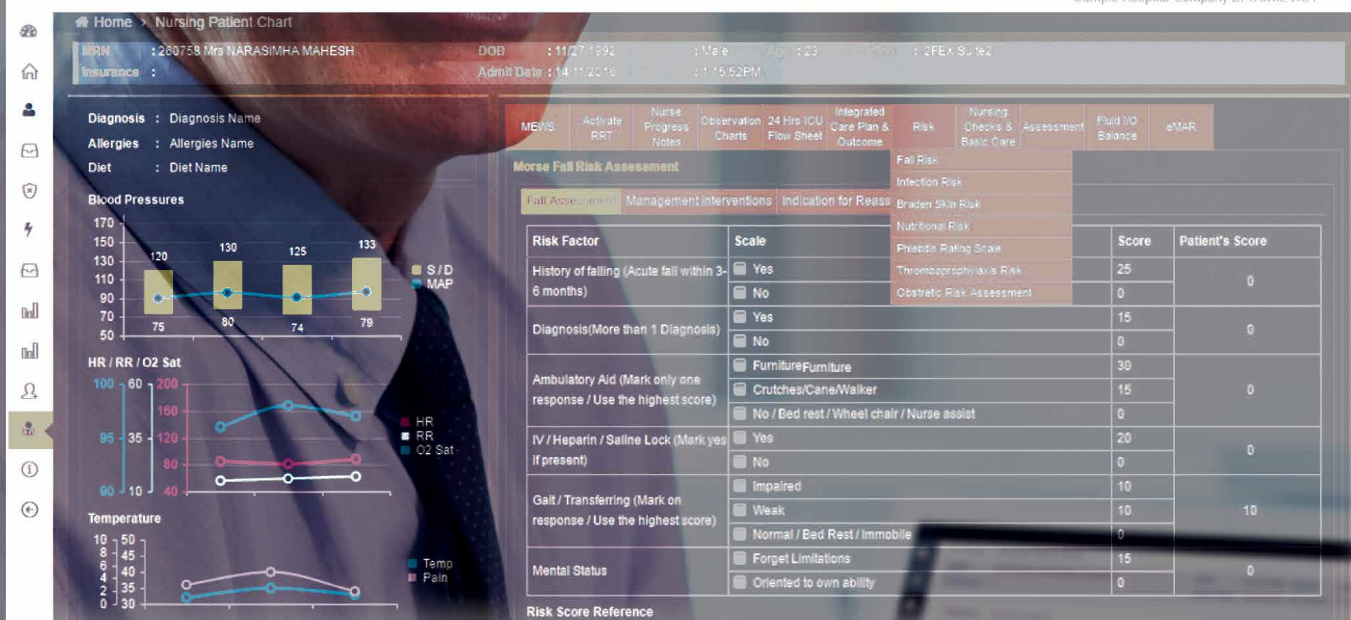
Quality Control

Record and report all incidents.

The MIMSYS system helps you gather data on all incidents and events related information, including those which are not part of routine medical care in hospitals, for both research and quality assurance purposes. Effective quality control will help you reduce the occurrence of medical errors and improve the working efficiency and diagnostic accuracy.

Central Sterile Services Department

The Central Sterile Services Department (CSSD) module manages the supply of sterile items to wards and operation theatres, and the receipt of contaminated items to be sterilised.

- Generate work lists for contaminated items, including information on the different types of sterilisation methods that must be applied.
- Keep track of the sterilised items that have been transferred to the wards and operation theatre.
- Run different queries such as stock availability, location details and transaction history.

Blood Bank

The blood bank module manages various activities such as donor registration, physical examination, merging and separation of blood components.

Using the Blood Bank feature in the MIMSYS system, you can test analytes with accuracy and precision by following your hospital's set of laboratory instructions provided in the master setup.

- Blood request linked to patient.
- Blood transfusion to patients and details including nurse and vital signs during transfusion can be recorded.

Document Manager

The Document Manager feature helps you digitise and archive clinical and financial documents, and integrate them with your MIMSYS Hospital Management System and internal workflows.

- Set up document types and assign barcodes to them.
- Filter and view documents based on criteria such as provider, visit ID, case type or document type.
- Archive purchase orders and manage your supplier contracts.
- Automatically store scanned documents of different types into designed folders without manual intervention.
- An unlimited number of document types can be created.
- Include details such as document name, type, visit ID, document date, visit date, review status, and review data when creating digital documents.

Dietary and Kitchen

The Dietary and Kitchen feature assists you to manage patient's meal services for all types of patients, hospital employees and staff.

Integrated with the in-patient functionality of the MIMSYS system, Dietary and Kitchen allows patients to customise their dietary options.

Additional features:

- Meal scheduling.
- Meal cancellation.
- Diet requisition slip.
- Diet cancellation report.
- Late admission report.
- Therapeutic diet.
- Alternative items ordering.
- Group ordering and bulk ordering.

For further information on other modules including Physiotherapy, Endoscopy, In Vitro Fertilisation, Dentistry and, Facility and Asset Maintenance, visit www.mimsys.com.au.

MIMSYS Hospital Management System is developed and owned by MIMSYS Technologies Pvt Ltd., and is distributed in the Asia Pacific Region by MIMSYS Asia Pacific Pty Ltd.

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