

Simplified Hospital Management System (SHMS)

O U T P A T I E N T (A M B U L A T O R Y)



- ▶ User-friendly, comprehensive Hospital Information System
- ▶ Completely secure
- ▶ Designed for Outpatient Medical Centers
- ▶ Modular approach
- ▶ May be upgraded to an Enterprise-wide System
- ▶ Compliant with International Standards
- ▶ Helps in improving Healthcare Delivery



Main Features

HMS System

- SHMS is a fully-integrated, on-line Hospital Management System
- SHMS is a comprehensive information system pertaining to hospitals and/or medical centers. This encompasses human (and paper-based) information processing as well as data processing machines
- Developed to work for a multitude of hospitals or clinics in various locations with multiple entities situated in different geographical locations
- Driven by business rules which govern the way the application integrates with different modules
- Dashboard based GUIs for each function with comprehensive search criteria for retrieving transactions. All related data display or entry is from the dashboard
- Each of its modules can be considered as an independent application. Multiple modules can be started simultaneously
- SHMS provides total integration of order entry & administrative systems, and departmental subsystems within a hospital or medical center
- SHMS allows for scalability, reliability, efficient data processing, quick decision making, reduced maintenance and overheads
- SHMS reports in PDF, Excel, Word or CSV
- Grid and form-based screens for ease of data entry and display
- A single entry automatically updates all related modules and subsystems
- Auto combo boxes for ease of search and selection, flexible grids with sorting on each column, date picker or direct date entry, intuitive use of list boxes and other form elements. The result is quick data entry and improved data integrity

Highlights

Simplified Healthcare Informatics (SHCI) offers a fully integrated system that streamlines and integrates business processes and information flow within the hospital / clinic and all its branches. This in turn synergizes resources, including staff, material, money and equipment through timely and accurate information.

Simplified Hospital Management System (SHMS) is a web based modular system. Its Portal is based on Ajax framework and has a rich interface architecture using client-side web technologies.

The system offers enough features to cover functional areas like OPD Registration, Invoicing and Management. It may be extended to include modules such as Insurance, Specialty Clinics In different locations, Visiting Consultants, Medical Stores, Laboratories, Radiology, Pharmacy, Manpower Management, Finance Accounting and Material Management etc.

SHMS complies with and uses International Standards, such as ICD 10 (International Classification of Diseases), SNOMED, CPT, International Drug Database, HL7, HIPAA etc...

The technology used to build the system allows for multiple levels of security, protecting data integrity. Confidentiality of patient information and hospital data is therefore guaranteed.

SHMS is an integrated solution that enables users to improve Healthcare Delivery by driving better decision making.



- Comprehensive data validations per field with client side field masks
- Patient number, charge codes, voucher numbers, invoice numbers, receipt numbers and other keys that can be configured to be generated automatically or manually
- Data is stored in a single database providing real time data across applications throughout networked hospitals or clinics
- Common patient number and charge codes for all locations
- Automatic patient alerts
- Barcode generation for patient labels and patient cards
- A separate log records every event occurring for a patient
- SHMS provides Comprehensive Patient Registration Validations and their default values make patient registration quick and accurate. Examples of validations include:
 - o birth date from civil ID
 - o title from gender / profession / marital status
 - o age from birth date
 - o city / state and country from area
 - o age-related validations etc.



- Patient search by full or part name, telephone number, civil ID and other parameters
- Multiple encounter for a single visit
- Consultation, services, lab order and pharmacy integration for insurance visits or admissions
- Automatic creation of patient family
- Automatic file request is raised on patient visit
- Comprehensive file tracking and status



Optional Modules provide the following features

- Computerized Physician Order Entry (CPOE)
- Laboratory Management System
- Pharmacy
- Diagnostic and Procedure Coding - ICD and CPT
- International drug database with cross referencing, drug interaction, allergies etc
- EMR data creation and provision to store, catalogue and view images
- Insurance and Corporate Accounts: Coverage at department or charge level. Claim percentage, deductible and Co-insurance can be changed at scheme and / or department and / or charge level
- Multiple price list and possibility for separate doctor price list. Price is automatically changed on doctor selection during a visit
- Close integration between insurance and patient modules
- Common chart of accounts, inventory master, department masters etc... for all companies of the group
- Complete Financial System including GL, AP, AR
- Consolidated trial balance, P & L or balance sheet for multiple companies
- Material Management – Purchasing and Inventory Management
- Human Resources including recruitment, attendance, residence permit tracking, shifts and duty cycles, appraisals, CME monitoring and Licensing
- Payroll
- Fixed assets



Simplified
Specialized Clinic

Select Theme > ■ ■ ■

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Modules			
<input type="checkbox"/> Security	<input type="checkbox"/> Reception	<input type="checkbox"/> Accounts	<input type="checkbox"/> Insurance
<input type="checkbox"/> Material Management	<input type="checkbox"/> Nursing	<input type="checkbox"/> Operation Theater	<input type="checkbox"/> HR
<input type="checkbox"/> Pharmacy	<input type="checkbox"/> Clinical Module	<input type="checkbox"/> Billing	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Welcome Abdulhadi

Log In Date : 21/11/2007
Log In Time : 10:30 am
[Logout](#)

Hospital News

Date : 10/11/2007
There are separate sets of tools to make selections of bitmap and vector data. For example, to select bitmap pixels you can use the marquee tools or the lasso tools.

Date : 18/11/2007
To select vector data, you can use the pan or shape tools, which produce precise outlines called paths.

Employee of the Month

November 2007
Dr. Hudaib

Interesting Cases

By **Doctor Abdul Razwan**
An 88 y/o male was admitted for ... An echo performed for a murmur revealed a tiny muscular VSD with doppler velocity calculating...
[Read more](#)

Medical Conferences

Interventional Cardiology Conference
29th November 2007, Crown Plaza Hotel - Kuwait
"PCI of Ven Grafts and Embolism Protection"
Wendy Shear, M.D.

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The Outpatient (Ambulatory) System consists of the following modules :

A. Main System:

- a. SHMS Portal and Intranet: Launching modules, communicator, circulars, HR services, News, ... Help and Tutorials, Content Management tools, etc...
- b. Security and Maintenances
 - i. Users, Roles and Privileges
 - ii. Session Monitor
 - iii. Business Rules
 - iv. Masters
- c. Reception
 - i. Registration,
 - ii. Cards and, Labels...
- d. OPD
 - i. Appointments and Scheduling,
 - ii. Patient Visits
 - iii. Visit Management
 - iv. Invoicing and Receipts
- e. Medical Record Tracking



B. Optional Modules

- a. Clinical : Data Maintenance and Templates for Adverse Reactions, Allergies, Diagnosis, Past Medical History, Physical Exam, Obstetrics History, Gynecology History, Surgery History, Social History, Vaccines, Drugs and Medicines, CPOE, etc...
- b. Laboratory : Templates, Results, Order Management, Sub Store
- c. Radiology : Templates, Results, Order Management, Sub Store
- d. Pharmacy : Warehouse Maintenance, POS, AR
- e. Insurance : Insurance and Contract Management, Schemes and coverage, Pre-approvals, AR and Reconciliation
- f. Financials : Price Lists, Packages, Chart of Accounts, AP, AR, etc...
- g. Asset Management : Management & Maintenance of Assets
- h. Material Management : Purchasing, Inventory Management, and Warehouse Management
- i. Human Resources : Recruitment, Appointment, Attendance, Resident Permit Tracking, Leaves, Shifts, Appraisal, Housing
- j. Payroll

