



# Vedanta Technologies

Hospital Road, Mogra, Hooghly, Kolkata – 712148.

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## **Features of VT Hospital Management System:**

- VT HMS is a fully integrated online system.
- VT HMS Supports Multi Location implementation wherein the hospital has Outpatient, Inpatient and other services in many physical locations.
- Doctors can get the investigation reports online at their terminal (or any terminal) without waiting for the physical report reaching them. Doctors can see the previous investigation results for a patient for better diagnosis.
- Doctors can view their daily appointment schedules for any day from any terminal.
- VT HMS is highly secure and flexible. It allows the administrator to configure different information access privileges for different individuals depending on their role in the Hospital.
- Inventory valuation is done in FIFO with earliest expiry date in Pharmacy.
- VT Hospital Management System provides the following reports and more at the click of button daily cash collections, patient turnover, billing and medical records related reports etc. Enabling management to take better decisions

## **Help desk**

The **Help Desk** Module automates the day-to-day functions of the Front office management of a hospital. This module helps in assisting patient with accurate information and supports in handling patient related enquiries efficiently. This module having excellent features and advanced search facilities improves the quality of services rendered to the user. It provides for queries relating to the following:

- **Patient related enquiries**
  - o Bed Allotment
  - o Admission Details
  - o Demographic Details
  - o Payment Details and
  - o Discharge Details.
- **Doctor related enquiries**
  - o Availability Details
  - o OP Clinic Details
  - o Appointment Schedules
  - o Operation Schedules and
  - o Charge Details

## **Registration**

The Registration module is an integrated patient management system, which captures complete and relevant patient information. The system automates the patient administration functions to have better and efficient patient care process.

- Patient Registration Details
- Medical Alerts Details
- Appointment Scheduling (Patient / Doctor wise)
- Doctor's Schedule Summary
- Doctors Daily Schedule List
- Patient Visit History
- Medical Record Movements
- Patient Visit Slip
- Sponsorship Details

## **Billing**

The Patient Billing module handles all types of billing for long-term care. This module facilitates cashier and billing operations for different categories of patients. The billing module is extensively flexible by which each of your billing plans can be configured to automatically accept or deny. The system is tuned to capture room and bed charges along with ancillary charges based on the sponsorship category. Further more the charges for various services rendered can be recorded through service module and this can be used for billing purposes.

- Automatic posting of charges related to different services – bed charges, lab tests conducted, medicines issued, consultant's fee, food, beverage and telephone charges etc.
  - Payment Modes / Details
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- Sponsorship Conditions Details
- Patient Billing Details
- Package Installment
- Approval from Sponsor
- Company Sponsorship Details
- Package Registration
- Sponsor Verification
- Retroactive Processing
- User-defined Billing cycles
- Automatic Room and Board charges
- Recurring Ancillary charge capability
- Auto-generated Codes and Billing Criteria
- Provision for Pre-billing
- Extensive third-party Billing

## **Fixed Assets**

The Fixed Assets Module deals with all the activities that are related to the Fixed Assets Part of Financial Accounting.

This describes activities that are related to:

- Identifying an item as a Fixed Asset
- Allocating depreciation
- Managing its movement
- Maintenance
- Revaluation and Disposal etc.,

## **Payroll**

The Payroll & Personnel module deals with

- Pay (and deduction) calculation,
- Printing of salary slip,
- Provides a monthly analysis
- Attendance
- Overtime details.
- Absenteeism,
- Leave encasements.
- Loan Management

## **Outpatient Management**

The Outpatient module serves as an entry point to schedule an appointment with the Hospital Resident Doctor or Consultant Doctor for Medical Consultations and diagnosis. This module supports doctors to take better and timely consultation decisions by providing instant access to comprehensive patient information. Patient visits are divided into New, Follow-up and Review. This module also handles requests and results of laboratory tests and other examinations. External Doctors visit to in patients can be defined as "Call on". Some patients may avail only the hospital facilities like Lab, Radiology and Physiotherapy and so on.

- Medical Alerts Details
  - Consultation Duty Roster
  - Diagnosis Details
  - Triage Parameters
  - Patient's Appointments
  - Daily / Weekly Schedule Summary
  - Appointment Scheduling / Rescheduling Facility
  - Outpatient Medical Observation Details
  - Investigation / Treatment History
  - Clinical Service Details
  - Doctor's Diagnosis Statistics
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## **Inpatient Management**

The inpatient module is designed to take care of all the activities and functions pertaining to Inpatient Management. This module automates the day-to-day administrative activities and provides instant access to other modules, which leads to a better patient care. It provides comprehensive data pertaining to Admission of Patients & Ward Management: Availability of beds, Estimation, Agreement preparation, Collection of advance, Planned admission, Emergency admission and so on. The Inpatient module also deals with Ward Management: Shifting from one ward to the other, Bed availability, Surgery, Administration of drugs, nursing notes, charge slip and so on.

- Admission Cost Estimation
- Admission Approval
- Admission Request
- Doctor Transfer Details
- Nursing Notes
- IP Medical Observation
- Pending Drug Request
- Surgery Scheduling Details
- Discharge Notification Summary
- Expected Date and Time of Discharge

The module tracks every visit made by the patient and caters to follow-up visits of patients, along with multiple appointments.

## **General Store & Inventory**

General Stores and Inventory module deals with Purchase of Items, Issue of Items, Maintenance of Stock, Automatic Reorder level Setting, Online request for stock from various sub-stores, Online stock transfer, maintenance of stock at different sub-stores, Physical stock verification and adjustment, Return of items to supplier etc.

- Stock management
- Stock control
- Stock Purchase through Enquiry generation
- Sub stores issues and receipt of stocks
- External hospital stock issues and receipt
- Option to include and track gift or donation of stock
- Stock requisitions from sub-stores and corresponding management
- Quotations and Purchase Requisitions
- Purchase order generation and processing- LPO, Emergency Purchase order, Principal and Blanket PO
- Advance payment requisitions to Finance
- Goods Receipt Note and Purchase returns
- Automatic stock updates on receipt of goods
- Stock returns and destruction tracking
- Invoice verification
- Supplier management and supplier payment bucket facility available
- Supplier invoice management

## **Special Reports:**

The hospital management software provide faculty to view and print all kinds of medical reports from date to date. These reports are prepared automatically and accurately.

1. Birth and Death
  2. Daily Register
  3. Ambulance Register
  4. Generator Register
  5. Indoor Register
  6. OT Register
  7. Day wise summery
  8. Month wise summery
  9. Date range wise summery
  10. Doctor wise summery
  11. Cash Register
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## **User Manager**

The User Manager module basically deals with security through controlling the access to the information available in the application. Any user associated with a user group can access only those screens for which the user group has rights. It also deals with the System Related Activity like User Monitor, Creating User Group Master, User Master and view the User Group Lookup of employee database, Maintenance of company documents, User defined error message, Generating Daily Statistical Summary.

## **ROOM MASTER:**

This gives the details about Room Type (Ex: Private, Semi-private, Deluxe, ICU, Suite etc) and their charges.

## **Add On Modules for VT Hospital Management System:**

**These are the modules which the customer can avail to access more functionality** of VT Hospital Management System. These modules are not part of the basic software and come separately for VT Hospital Management System. Though these are separate modules but they are easily compatible with the basic software and provide high value to the customer to run their business more efficiently and effectively and also provide more functionality and features to the customer system.

## **Pharmacy**

Pharmacy module deals with the automation of general workflow and administration management process of a pharmacy. The pharmacy module is equipped with bar coding facility, which makes the delivery of medical items to the patient more efficient. This module deals with the activities such as:

- Quotation
- Purchase order
- Drug issue to patients and billing
- Unit dosage facility
- Supplier information
- Maintenance of drug inventory
- Automatic reorder level setting
- Purchase Requisitions
- Online request for stock from various sub-stores
- Maintenance of stock at different sub-stores
- Return of items nearing expiry
- Destruction of expired items
- Physical stock verification and adjustment
- Goods receipt
- Stock Adjustment
- Stock in Hand reports

## **Laboratory**

The Laboratory module automates the investigation request and the process involved in delivering the results to the concerned department/doctor of the hospital. Laboratory module starts with receiving the online request from doctors and also allows laboratory personnel to generate requests. The Laboratory module supports to perform various tests under the following disciplines: Biochemistry, Cytology, Hematology, Microbiology, Serology, Neurology and Radiology. Tests are grouped under various sections and sample type (specimen). Based on the request the user can input the sample and generate the sample number. Results can be entered based on the sample type either to one test or multiple tests. If the test result requires approval, the supervisor has to approve the result and it is made available to concerned doctors.

- Result Entry
  - Test Report Entry
  - Result Range for Test
  - Investigation Request
  - Sample Details
  - Samples Received from External Laboratory
  - Samples Dispatch to External Reference Laboratory
  - Investigation and Treatment History
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## **Financial Accounting**

The Financial Accounting Module deals with **Cash/Bank, Receipt/Payments, Journal Voucher and General Ledger etc. Books like Cashbook, Bankbook and Ledger book** can be generated. This module generates reports like Trail Balance, Balance Sheet and Profit and Loss statement. The Financial Accounting also includes the **Account Payable, Account Receivable and General Ledger**. It serves all your accounting needs related to your Hospital Business when you are using **VT Hospital Management System**.

## **Service Master**

This master gives the details about package details, Group detail

## **Revenue Master**

This gives the predetermine charges for various service given by hospital (Like Ambulance, Anesthetists Fee, Baby Cot etc).

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