

# Hospital Management System



H . M . S .



*Outdoor ticketing*

*Computerised consultation sheet*

*Pathology/Radiology/Ultrasono test report*

*Admission/Death/Discharge Certificate*

*Daily/weekly/monthly/periodic/yearly MIS reports*

*Menu driven application control*

*Customizable database and menu level*

*application security*

*Softcopy of Report output can be generated in RTF/PDF/XML format*

*Free training on system operation*

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**About HMS:** HMS is a computerized Hospital Management System developed to help a hospital and its store-procurement department to manage and maintain the hospital patient related information and material information in a structured and systematic way. The system validates user errors, shows current status of indoor-outdoor patients, hospital beds, updates store balance qty. and does automatic calculations of various voucher related transactions like outdoor ticketing, medicine bill, pathological and radiological bill etc. The system also generates standard patient case history report, test report and financial reports instantly and accurately. As most of the features are made automatic, the system requires minimum input data and produces maximum output. It is based on a carefully designed database structure, which effectively eliminates data redundancy and follows strict data and business constraints.

**Patient General Information:** The system automatically generates a unique patient code to all the new patients. This screen contains the patient code, name, father/husband name, address with thana code, age etc.

**Registration Paediatric:** This screen is used at the outdoor department to issue ticket to patients. Old patient can be easily identified by the system using patient code or patient name and address. The system generates serial number and the hard copy of the ticket is printed out by the system for the patient.

**Consultation Paediatric:** This screen is used by the nurse and doctor to record the patient's case history and doctor advice including height, weight, subject, objective, assessment, referral, medicine and pathological-radiological test. The full consultation sheet can be printed out by the system if required as a reference. The doctor can view the previous case histories of the patient on the same screen.

**Medicine Pathological and Radiological bills:** The billing screen picks up the request of the doctor automatically from the consultation sheet information so user input is minimized and thus eliminates chances of error.

**Admission Information:** This screen is used to input the admission information of the patient containing ward/cabin number, bed number, admitting doctor etc.

**Pathological and Radiological Tests:** Various screens are available to input and generate reports of Blood test, Urine test, stool test, Biochemistry test, serology test, cytology, FNAC, PAP Cytopathology, X-ray, ultrasonography tests etc.

### Functionality

- ◆ Patient General Information
- ◆ Outdoor ticketing
- ◆ Doctor consultation sheet
- ◆ Pathology billing
- ◆ Radiology and Ultrasonography billing
- ◆ Medicine Billing
- ◆ Admission
- ◆ Discharge Certificate
- ◆ Death Certificate
- ◆ Test reports
- ◆ Small Units Patient case history
- ◆ Store Receive/Issue Information
- ◆ Store Procurement

### Important Reports

- ◆ OPD consultation Sheet
- ◆ Daily/Periodic Outdoor Report
- ◆ Daily Summary Report of Patient visit
- ◆ Pathological Test Reports
- ◆ Radiological Test Reports
- ◆ Ultrasonography Test Reports
- ◆ Small Units Reports

Platform: Developer/2000 ver 2.0/6.0 in windows 98/windows 2000/Windows NT with any version of Oracle Database

Data Conversion Facility: If the client has existing electronic Hospital data, which they would like to load in the HMS software, then IBCS may design and execute the data conversion.

**IBCS-PRIMAX Software (Bangladesh) Ltd.**  
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