

M-PROHEALTHTM

A HOSPITAL MANAGEMENT AND INFORMATION SOFTWARE





M-ProHealth **Hospital Management And Information Solution**

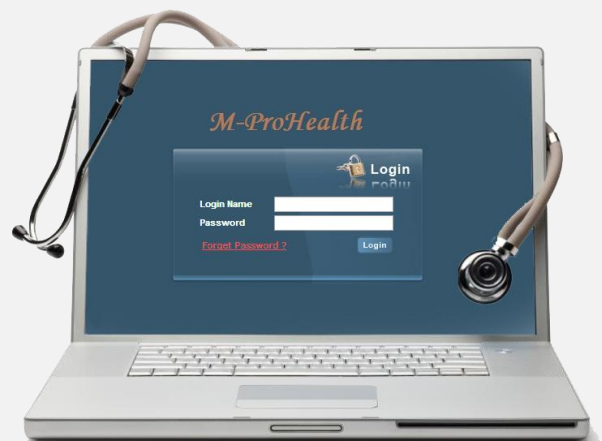
In present time, medical advancement and scientific breakthroughs have helped to treat conditions which were not curable even a few years back but we are far from our goals of improving the quality of life and to save all the lives that could be saved.

Hospitals are striving towards effective Patient and Hospital management which have become the most challenging task. Hence there is a need of a proper administration to effectively use all their resources - financial, human, information and materials for providing better care, at all times, at affordable costs to all.

M-ProHealth™ is an advanced comprehensive IT solution for single or a network of hospitals. The key objective of this solution is to integrate all the operations within a hospital in a unique way to ensure that no handoffs between two people are ever missed.

Few Key Success Factors for a hospital that M-ProHealth™ enables to achieve.

- ✓ *Patient data Management*
- ✓ *Virtual Consultation*
- ✓ *49 types of reports*
- ✓ *Patient Health Management through EMR*
- ✓ *Lower Cost of Operations*
- ✓ *Effective Decision Making*
- ✓ *Capacity Utilization*
- ✓ *Resource Optimization*
- ✓ *Physician and Staff Management*
- ✓ *Integration with External Systems*
- ✓ *Statutory Compliance*





Concerns with off-the-shelf products

Need for major change in the existing practices/methodologies resulting in higher employee inconvenience and resistance

Suitability of the products to the unique practices / expectations of a hospital

Predetermined features / gap between present functionalities and requirements / difficulties in customization

Ability to have flexibility in required decision making areas between automation and manual authorization in products

Higher cost of implementation

Interface with pre-defined instruments, resulting in purchase of those instruments to make use of the functionality in the product

Issues in post-implementation support

Advantages of M-ProHealth HMIS

The HMIS can be designed with minimal changes to existing practices resulting in enhanced acceptance by employees

The HMIS can be totally customized to take care of all general / unique requirements

Modular architecture of the HMIS allows full customization in accordance with the requirements

Complete functionality will be in line with specific requirements

All life cycle phases will have distributed costs

Interfaces can be designed to suit the existing instruments

Since clients will be involved in all stages of the HMIS implementation, post implementation issues will be minimal, since customization is as per the inputs of clients

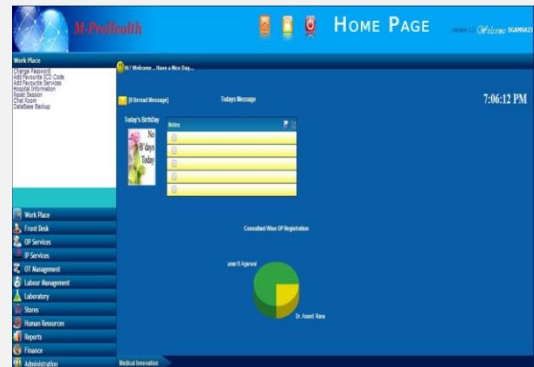
Modules of M-ProHealth™ HMIS:

Workspace:

- Helps user to access/add/modify the basic yet useful information.

Sub modules include:

- Adding favorite services
- Adding ICD codes
- Changing user password
- Manually taking database backup
- Chat room access.



Front Desk:

- Front Desk module is a first point contact between patient and hospital

Sub modules include:

- Appointment Scheduling
- Access to doctor Visiting Hours
- New Patient Registration
- Renewal / Re-consultation / Revisit of old patients
- IP Enquiry
- Bed occupancy chart



OP Services:

- Complete operational accessibility for an Out-Patient can be achieved through this module.
- Consultation is a unique feature of M-ProHealth where in all the records of a patient can be taken in the software by doctor for future reference.

Sub Modules Include:

- Doctor Consultation
- OP Services
- OP Billing / Cancellation
- OTC Billing / Cancellation
- Emergency Patient



IP Services:

- Full track of In-Patient, right from admitting the patient till discharge can be kept through this module.

Sub Modules Include:

- IP Admission
- IP Billing / discount / Cancellation
- Doctor / Nurse notes for each patient
- Discharge request / Summary
- Physical discharge
- Death Posting
- Insurance Payment

The screenshot shows the 'IP Admission' module in the M-ProfHealth system. It features a sidebar with navigation options like 'IP Services', 'Work Place', 'Front Desk', 'OP Services', 'OT Management', 'Labour Management', 'Laboratory', 'Stores', 'Human Resources', 'Reports', 'Finance', and 'Administration'. The main area contains a form for patient admission with fields for IP Number, Patient Name, Date of Birth, Gender, Patient Type, Registration Date, and various medical and insurance details.

OT Management:

- All the Operations can be managed through this module, like designing different surgery packages, assigning the OT for a particular operation.

Sub Modules Include:

- Package Master
- Surgery Master
- OT Room Master
- OT Registration
- Anesthesia Records
- OT Records

The screenshot displays the 'OT Registration' module. It includes a sidebar with navigation options such as 'OT Management', 'Package Master', 'Surgery Master', 'OT Room Master', 'OT Registration', 'Anesthesia Record', and 'OT Record'. The main interface shows a form for registering an operation, with fields for Patient Details, OT Registration No., OT Name, and a table for scheduling the operation with columns for Employee Type, Name, and Description.

Labor Management:

- This module is designed to keep a track of all the labor case and births.

Sub Module Include:

- Labor Registration

The screenshot shows the 'Labour Registration' module. It features a sidebar with navigation options like 'Labour Management', 'Front Desk', 'OP Services', 'OT Management', 'Labour Management', 'Laboratory', 'Stores', 'Human Resources', 'Reports', 'Finance', and 'Administration'. The main area contains a form for labor registration with fields for Patient Details, Labour Registration Details, and a table for labor registration with columns for Patient Code, Infant Code, Gender, Birth Date, Birth Time, Weight, Height, and Baby Condition.

Human Resources:

- Resource is a key factor for the success of any hospital, and to keep a track of all the resources this module is designed.

Sub Modules Include:

- Consultant Master
- Employee Master



Employee Name	Department Name	Mobile Phone	E-mail ID
BANWARI NAYAK	Front Desk	955045255	banwari@glk.in
SHANKU KUMAR SINGH	General Medicine	902812624	shanku@glk.in
SHASHI KANWAR GADHAI	Hospital Services	933803640	shashikg@glk.in
SHASHI KANWAR GURAI	Hospital Services	885743302	shashikg@glk.in
SHREYA BALUAGADAD	Hospital Services	996476194	shreya@glk.in
SHRUTI KANWAR	Hospital Services	974304586	shruti@glk.in
SHRUTI KANWAR	Hospital Services	888423132	shruti@glk.in
SHRUTI KANWAR	Hospital Services	966077099	shruti@glk.in
SHRUTI KANWAR	Hospital Services	833771413	shruti@glk.in
SHRUTI KANWAR	Hospital Services	890424823	shruti@glk.in
SHRUTI KANWAR	Hospital Services	924844333	shruti@glk.in
SHRUTI KANWAR	Hospital Services	761230117	shruti@glk.in
SHRUTI KANWAR	Hospital Services	855131023	shruti@glk.in
SHRUTI KANWAR	Management	903877179	shruti@glk.in

Reports:

- Health care industry is vast and very competitive so keep a track of the hospitals success reports module is designed.
- There are approximately 49 types of different reports which helps the management to ease monitoring the operations of the hospital.

Sub Modules Include:

- Collection Report
- Patient Report
- Share Detail Report
- Duplicate Bill Report
- OTC Report
- Other Reports
- MRD Reports



Sl.No	Doctor Name	New Registration	Renewal	Revised	ReConsulting	Registration Fee
1	Dr. Nalin Kumar B Agarwal	24	26	0	2	0.00
2	Dr. Manisha Agarwal	2	1	0	0	0.00
3	Dr. Anand Ranagal	1	0	0	0	0.00
Total		27	27	0	2	0.00

Sl.No	Doctor Name	Opening Count	Admission/Discharge	Total Count	Advance Collected	Final Settlement	Total Amount	
1	Dr. Nalin Kumar B Agarwal	17	0	1	24	32,200.00	6,450.00	34,750.00

Sl.No	Doctor Name	Opening Count	Admission/Discharge	Total Count	Advance Collected	Final Settlement	Total Amount	
1	Dr. Manisha Agarwal	1	0	1	0	0.00	0.00	0.00

Finance:

- For any hospital to be trust worthy, there should be a fine line of trust between consultants and hospital management. When a hospital opt for M-ProHealth, keeping that transparency is our responsibility.

Sub Modules Include:

- Consultant Ledger
- Patient Ledger



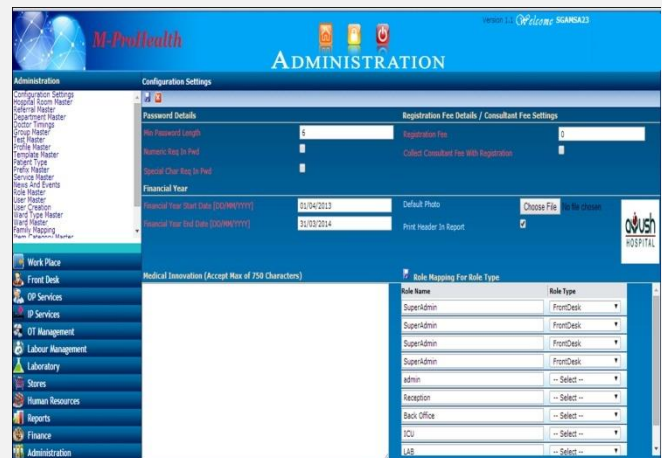
Date	Narration	Credit	Debit	Patient Name	Service Type	Service Name	Amount
08/01/2014	TOTAL Collection	100.00		Dr. Dumras	Consultation		100.00
07/01/2014	Total Collection	100.00				Total Amount	100.00
10/01/2014	Total Collection	300.00					
20/01/2014	Total Collection	100.00					
Total		500.00					
Advance Pay			500.00				
Balance		500.00	500.00				

Administration:

- This is a restricted access module where in any pre-required data implementation or modification can be done through this module.

Sub Modules Include:

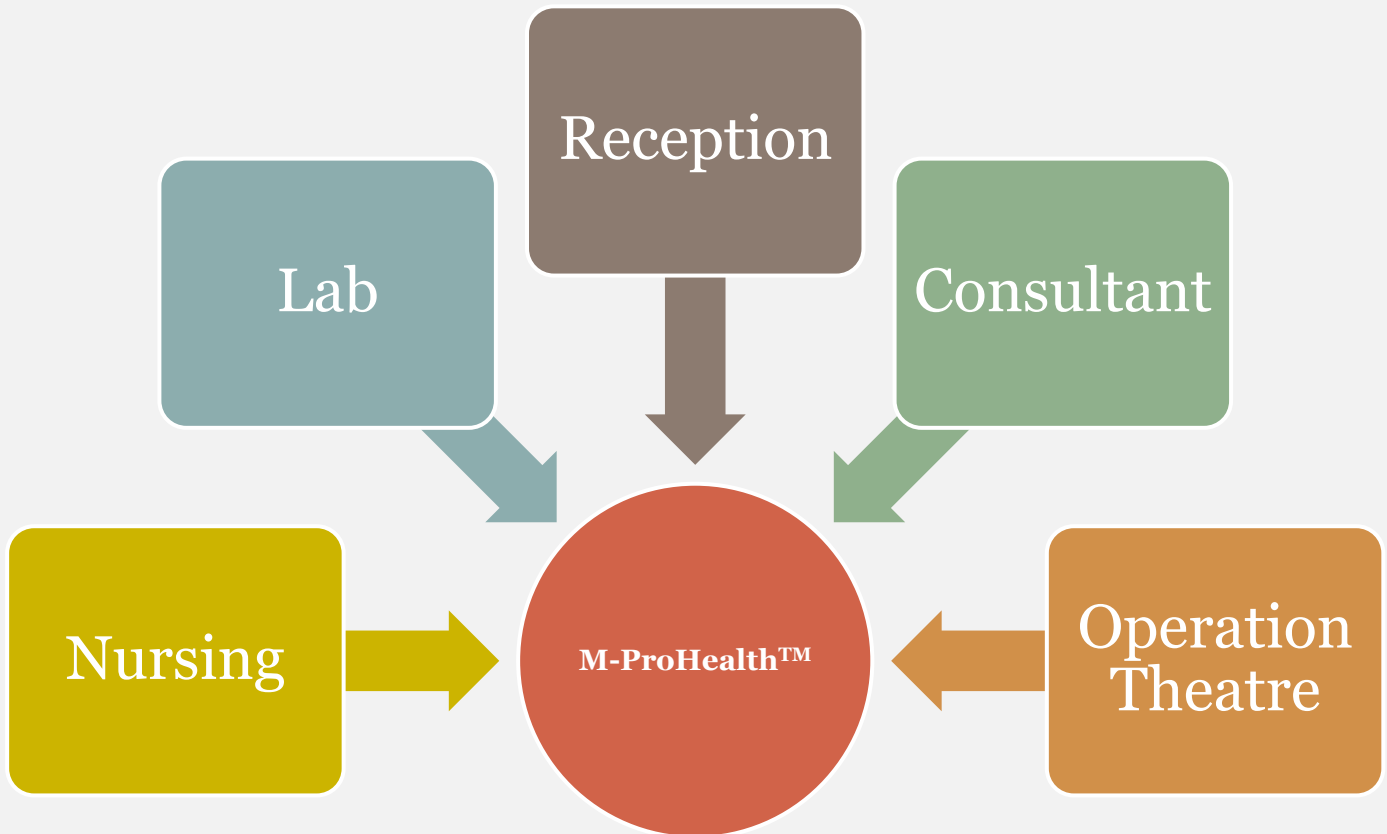
- Configuration Settings
- Hospital Room Master
- Referral Master
- Department Master
- Doctor Timings
- Group Master
- Test Master
- Profile Master
- Template Master
- Patient Type
- Prefix Master
- Service Master
- News and Events
- Role Master
- User Master
- User Creation
- Ward Type Master
- Ward Master
- Family Mapping
- Item category Master
- Item Master
- Store Master



M-ProHealth™ is a paperless system, there are majorly 5 types of users

- ✓ Admin
- ✓ Consultant
- ✓ Front Desk
- ✓ Management
- ✓ Nurse

Working Cycle of M-ProHealth



The advantage of M-ProHealth™ over other conventional solutions:

- ❖ *Paper Less System*
- ❖ *Human Error Free*
- ❖ *Interconnected*
- ❖ *Reduces operational cost*
- ❖ *Transparency between Management and Operations team*
- ❖ *Optimal time management*



Case example:

- *When a front desk user registers a patient the relevant information as the patient list is accessible to the tagged consultant, where in consultant can see the patients lined up for the day and can manage his time accordingly.*

Advantage:

- *This reduces the manual file system usually seen in the current practices of any hospital.*

- *Consultant for any particular patient can enter the patient complaints, BMP, write the prescriptions, lab test etc in the consultation module and use it as a reference if the same patient visits again.*

Advantages:

- *This eases the consultant to diagnose and prescribe correctly for the follow patients*
 - *Consultant can print and give the consultation sheet directly(error free system)*
 - *When consultant gives suggest any lab test, this information will be shared to the Lab user as well as Front Desk user.*
 - *Front Desk User can bill it directly instead to manually entering the tests. (error free system)*
 - *Lab User can easily get to know exactly which test has been suggested by the consultant(error free system)*
 - *Patient need not to carry any paper piece to the front desk or lab to get his/her test done. (paperless system)*
- *For In-Patients doctor's visits are very important, as doctor checks for the health recovery progress for the particular patient and suggest further steps to be taken, hence the importance for the error free system in a must here.*
 - *Doctor in his/her rounds can make a note of the further test/procedures/medicines to be given and ask nurse/duty doctor to look over the patient accordingly.*
 - *This can be done through doctor notes module of M-ProHealth™ and doctor can not only assign the task to the particular nurse but can also monitor if the assigned task to nurse has been done or not.*
 - *Doctors can also request for cross consultation through M-ProHealth™*
 - *In hospital industry duty hours of any nurse is not defined it keeps on rotating and possibilities for a natural human error increases. To keep the system error free we have nurse user module. Where in any nurse after the duty hours can assign his/her task to the other nurse and the assigned nurse can complete the given task.*
 - *Nurse User can update the task list for a patient and it can be viewed by the doctor. Also doctor can monitor the status of the patient through the Nurse notes where in he/she can request modification in prescription, lab test, procedures etc.*