



Revolutionizing Healthcare with Smart

Hospital Management Software

Efficiency | Automation | Better Patient Care





Abstract

- The Healthcare industry faces many challenges, like an operational crisis, bureaucracy, and obsolete managerial practices. These challenges have increased healthcare services' cost and decreased the employees' efficiency, making the working environment unproductive.
- To effectively run a hospital, not only an expert team is needed, but there is also a demand for highly optimized and systematic management.
- A good Hospital Information Management System (HIMS) can be a perfect solution, that will help overcome the challenges, assist the doctors, help the staff manage the documents quickly, and perform less mundane tasks with more efficiency.
- In this Document, you will learn all about The Gemini Hospital Information System, Its Features, Benefits, Key Trends, Modules Etc.

Let's Start With A Better Understanding Of **The Gemini Hospital Information System.**

Who We Are ?



A leading **Hospital Information System (HIS) provider**, specializing in cutting-edge healthcare software solutions.



Empowering hospitals, clinics, and healthcare institutions with **smart, scalable, and secure** digital solutions.



Committed to **enhancing patient care, operational efficiency, and regulatory compliance** through technology.

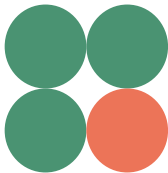
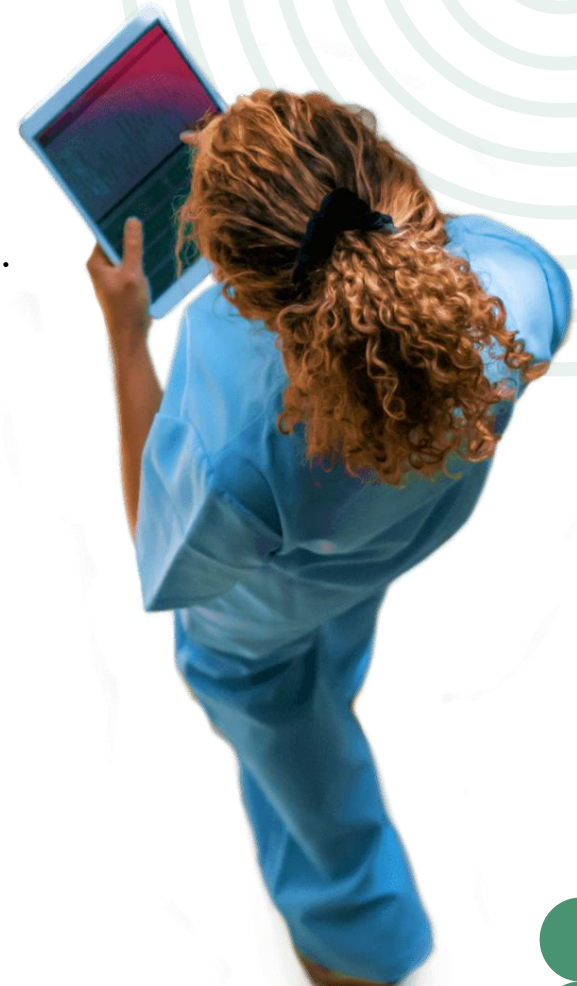


Our Expertise

- **25+ Years of experience** in healthcare software development.
- **Global presence** with successful deployments across hospitals & clinics.
- **Compliance-focused solutions.**
- **Innovative approach** with automation and cloud computing.
- Deep expertise in healthcare IT solutions.
- Proven track record of **successful hospital software implementations.**
- **Tailored solutions** to fit your hospital's unique needs.
- **Dedicated support** & continuous innovation.

Objectives

- **Automate hospital workflows** and **reduce manual errors.**
- **Improve patient experience** through digital interactions.
- Ensure compliance with **healthcare regulations.**
- Integrate various departments under a single system.



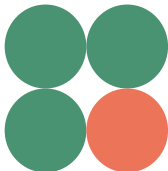
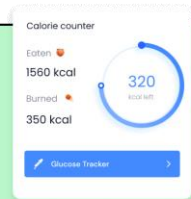
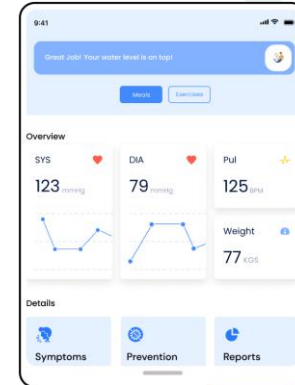
Industry Challenges In Healthcare



- **Manual record-keeping** leading to errors
- Long patient **wait times**
- Billing & insurance **claim inefficiencies**
- Data **security concerns**
- **Lack of interoperability** between departments
- Rising Healthcare Costs
- Lack of Real-time Data Access
- Compliance and **Regulatory Challenges**
- Poor Patient Experience
- **Limited Scalability**
- Difficulty in Data Analytics & Decision Making

How The Gemini HIS Solves these Challenges?

- **Electronic Health Records (EHR)** to store patient data digitally.
- **Automated appointment scheduling & reminders** to reduce waiting times.
- **Billing & payment automation** for faster transactions.
- **E-prescriptions** for accurate and clear medication instructions.
- **Digital billing systems** to prevent errors in medical invoices.
- **Cloud-based EHR systems** for instant data access across departments.
- **Interconnected hospital management software** to ensure real-time updates.
- **Secure digital data storage with encryption** to protect patient information.
- **Automated compliance monitoring** to meet regulatory requirements.
- **Role-based access control** for authorized staff only.
- **Patient portals** for online access to records, prescriptions, and test results.
- **Mobile app integration** for convenient access to healthcare services.
- **Cloud-based healthcare management systems** to handle large patient databases.
- **Automated medical billing & insurance integration** for faster reimbursements.
- **Analytics & reporting tools** for data-driven decisions.



Data-Driven Impact

80%

Reduction in
Paperwork

30%

Faster Billing &
Payments

40%

Improvement in Patient
Care & Satisfaction

50%

Increase in Operational
Efficiency

25%

Reduction in Hospital
Operational Costs

70%

Increase in Compliance
& Data Security

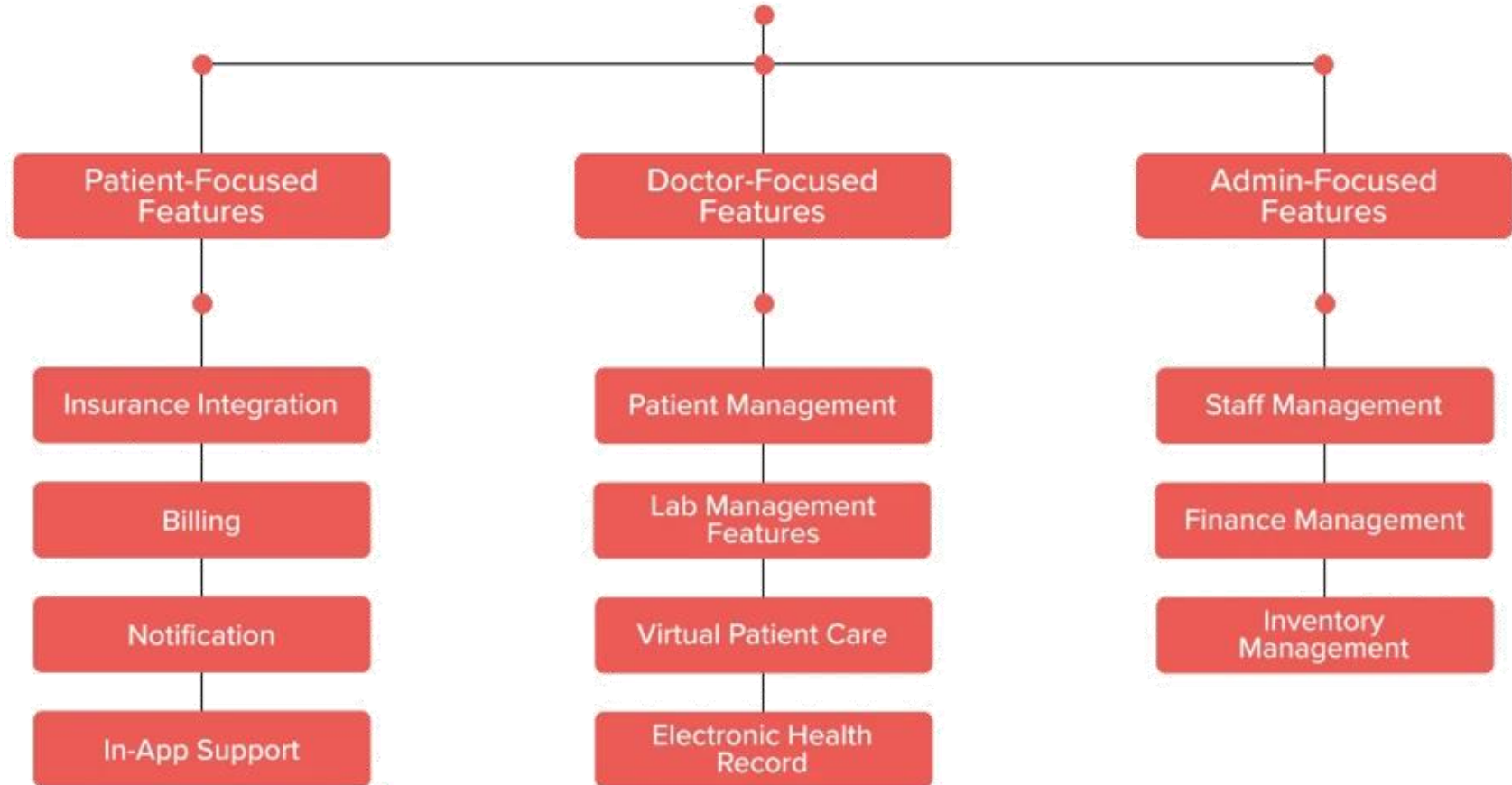


Why Choose Our HIS?

- **User-Friendly Interface**
Intuitive dashboard & simple navigation
- **Cloud-Based & Secure**
HIPAA-compliant & encrypted data storage
- **Customizable Modules**
Tailored to hospital needs
- **Multi-Location Support**
Ideal for chain hospitals & clinics
- **Integration Ready**
NPHIES, NABIDH, RIYATI, ABDM and more



User Based HIS Features



What We Offer ?

01

**Comprehensive HIS
Software**

02

**Cloud & On-Premise
Deployment**

03

**Interoperability &
Integration**

04

**Customizable
Modules**

05

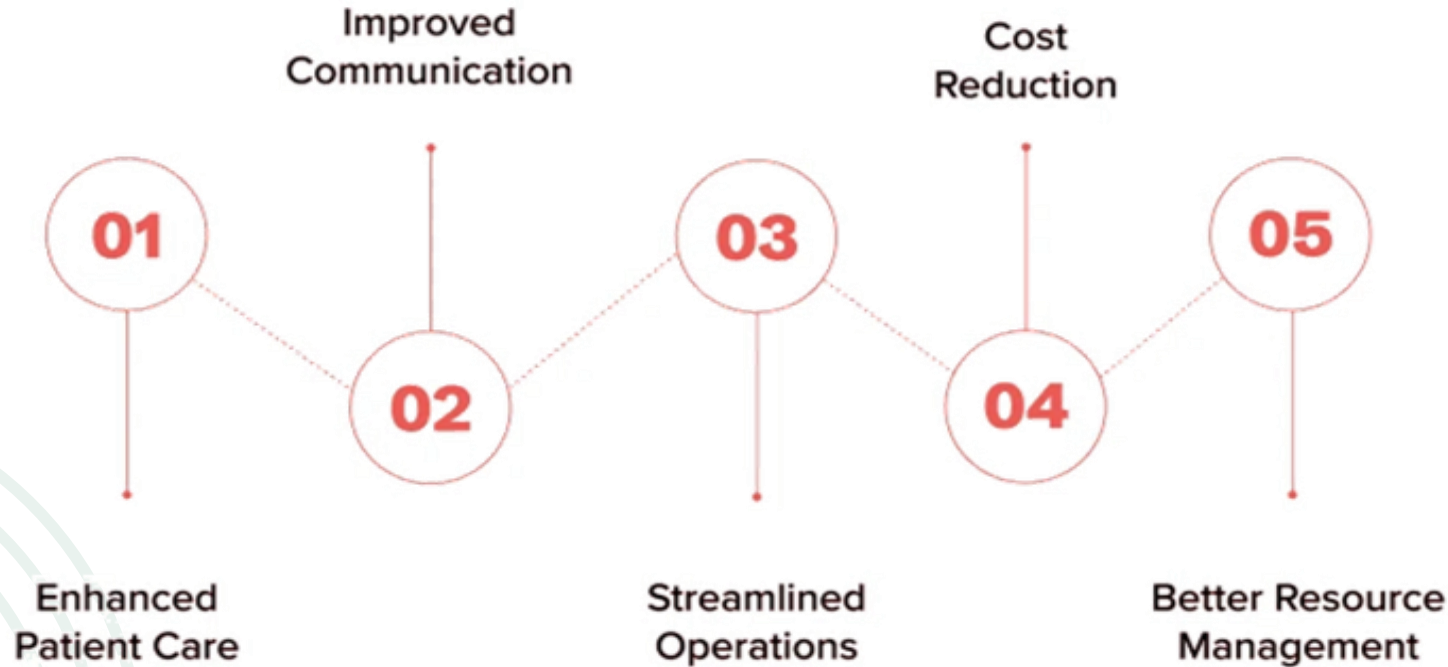
AI & Data Analytics

06

**24/7 Support &
Maintenance**



Top reasons why your hospital must have a hospital management system.



Modules :



Admin



Help Desk



OPD



IPD



OT Management



MRD



Laboratory



Diagnostics



Pharmacy



Blood Bank



Diet Management



Mediclaim



HR & Payroll



Store



Maintenance



Accounts



Transport



CSSD



Linen & Laundry



Biomedical Waste



License Management



Physiotherapy



SMS



MIS



Patient Management

- Online patient self-registration
- **Digital queue management**
- Patient ID barcode generation
- **Multi-language support**
- **Patient self-service kiosks**
- Real-time **SMS/WhatsApp/ Email appointment reminders**
- Integration with national health records
- Family health records linkage
- Secure patient document vault
- Emergency contact integration
- Virtual waiting rooms for **remote consultations**
- Auto-patient follow-up reminders

Appointment & Scheduling

- Doctor availability tracker
- Automated appointment rescheduling
- Emergency appointment priority handling
- Two-way patient-doctor communication chat
- Remote consultation slot booking
- **Multi-location appointment booking**
- Auto-cancellation & waitlist filling
- Mobile push notifications for reminders
- Patient-doctor **appointment rating system**
- Real-time doctor schedule updates
- Integration with WhatsApp for scheduling
- Multi-channel appointment confirmation
- No-show patient analytics & auto-reminders
- **Virtual queue management**






Electronic Health Records (EHR)

- Smart health timeline for patients
- **One-click retrieval** of medical history
- Medical notes summarization
- Automatic patient alerts for abnormal vitals
- **Voice-to-text clinical documentation**
- Multi-doctor simultaneous access
- Real-time collaboration on patient records
- **Digital consent forms** with **e-signatures**
- Remote access to EHR for doctors
- Auto-flagging of high-risk patients
- **Smart templates** for clinical notes
- Integration with genomic data
- Auto-population of patient history
- **Digital prescription** verification



Billing & Insurance

- **Real-time insurance eligibility check**
 - Automated claim submission
 - **Multi-currency billing support**
 - Smart tax compliance tracking
 - Auto-generated invoices with digital signatures
 - **Split billing for multiple services**
 - Integration with **mobile payment gateways**
 - Secure PCI-compliant payment processing
 - Patient-friendly **bill breakdown visualization**
 - Integration with financial ERPs
 - Smart alerts for pending insurance approvals
 - **Digital wallet integration**
 - Payment installment management
 - One-click refunds & adjustments
- 



Pharmacy & Inventory

- **Online lab test booking**
- Auto-generated digital lab reports
- Cloud-based **PACS system integration**
- Automated result validation workflow
- Home sample collection scheduling
- **QR code access for lab reports**
- Integration with genomic testing platforms
- Multi-hospital report sharing
- Automated radiology workflow management
- Instant second opinion requests
- Auto-generated **pathology analysis summaries**
- Smart tracking of test result delays
- Real-time doctor notifications for critical results



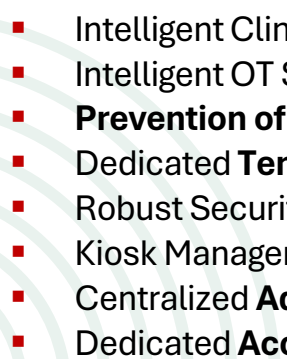
Doctor & Staff Management

- Smart workload balancing
 - **Performance analytics dashboard**
 - Digital staff ID management
 - Real-time shift change notifications
 - Secure doctor-patient messaging
 - **Automated credential verification**
 - Digital doctor onboarding system
 - **Doctor productivity insights**
 - Automated licensing & renewal tracking
 - Smart **role-based permissions**
 - Auto-generation of clinical reports
 - Multi-specialty collaboration platform
 - **Smart feedback & rating system**
- 



- Automated Patient Reminders.
- Integrated with **LIMS & RIMS**.
- **Multilingual** User Interface.
- **Speech To Text** Integration.
- Custom EHR Functionalities.
- **Geolocation** Services.
- Operational Efficiencies through **Hospital Asset Tracking**.
- Seamless Integration with Any **DICOM** Equipment's.
- SMS-Email-WhatsApp Integration.
- Mobile & Web Interface.
- **Third-Party API** Integration.
- Our HIMS compliant with Digital Standards.
- Real Time **Remote monitoring and Telemedicine**.
- Analysis of Surgical Data.
- Provision for **third party payment**.
- Issue of **Smart cards** to patients.
- Follows international standards **ICD-10**.
- Authorization at Each Point
- 200+ Advanced Reports - MIS
- Digital Patient & Guardian Signature



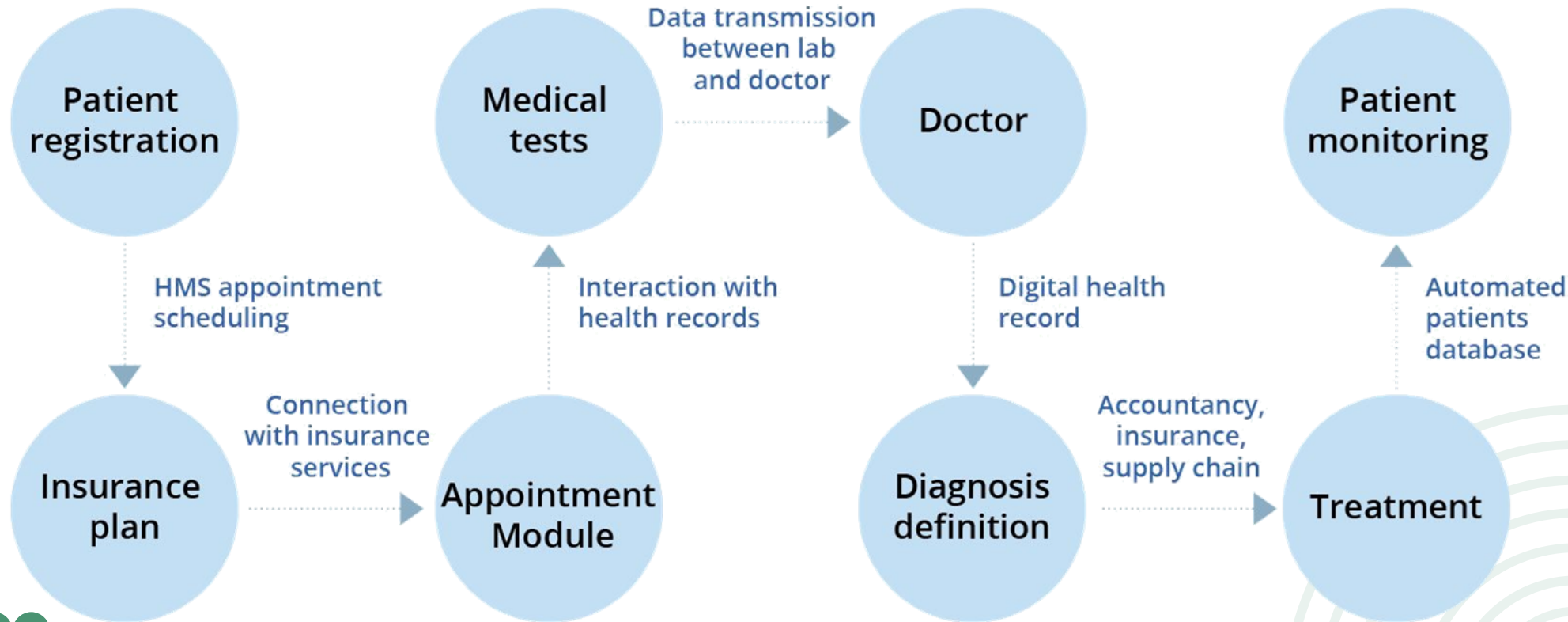
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- Fully user **customizable reports and billing formats.**
 - **Bar Code** generation facility.
 - **TALLY linking** for accountancy-based solutions.
 - Unique facility to **link multiple centres** and synchronize data at a central location.
 - **Online lab reporting.**
 - **Biometric machine interfacing** for digital attendance system.
 - Barcode based diagnostics management, patient management (IPD/OPD).
 - Trace nearest expiry drugs.
 - Standardize the working procedure at the Hospital.
 - **Multilingual and Specialty- specific EMR.**
 - Built-In Doctor and Nursing Module.
 - **Graphics and Image Dynamic Assessment Form.**
 - **Voice Enablement** for Nurse/EMR Stations.
 - Intelligent Clinical Medicine Prescriptions and Diagnostic Order Sets.
 - Intelligent OT Surgery Checklists with Calendar View.
 - **Prevention of Pharmaceutical Item** Pilferage from Nursing to Main Stores.
 - Dedicated **Tender Quotations and Comparative Features.**
 - Robust Security Measures.
 - Kiosk Management and **Token Management.**
 - Centralized **Administrative Control.**
 - Dedicated **Account Manager** with Well-Defined Service Schedule and Master Service Agreement.

Security & Compliance

- Multi-factor authentication for access
- Role-based security permissions
- Secure audit trail logging
- End-to-end encrypted messaging
- HIPAA, GDPR, NPHIES compliance
- Auto-logout for inactive sessions
- Secure patient data sharing tokens
- Smart alerts for unauthorized access
- Automatic backup & disaster recovery
- Integration with cybersecurity monitoring tools
- Biometric staff authentication
- Smart role-based workflow restrictions



A step-by-step HMS workflow




















The Gemini
HIS SCREENS



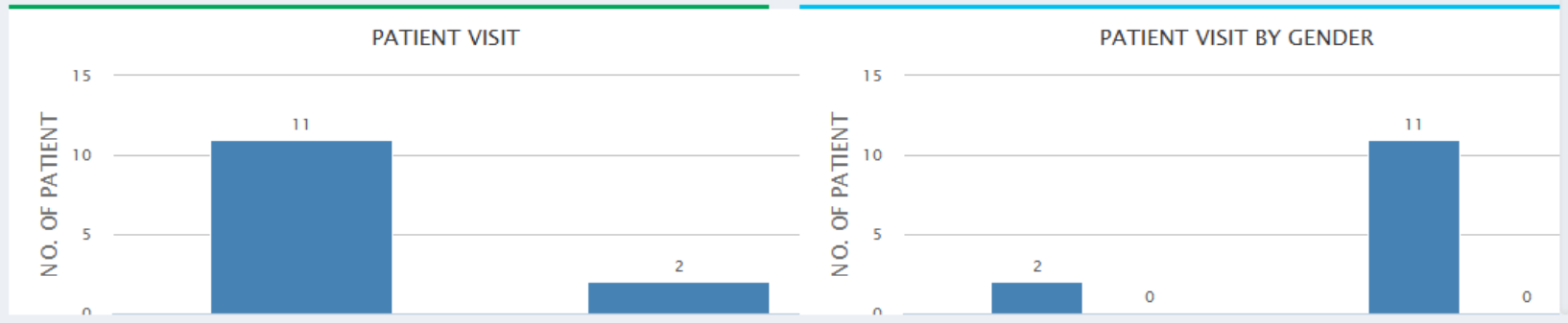
- Dashboard
- Admin
- Appointment
- Reception(OPD)
- IPD
- OT
- MRD
- Laboratory
- Diagnostics
- Pharmacy
- Blood Bank
- Diet Management
- HR And Payroll
- Store
- Maintenance
- Transport
- Account
- CSSD

Admin > Master > Transaction > Reports > OP/IPD Report >

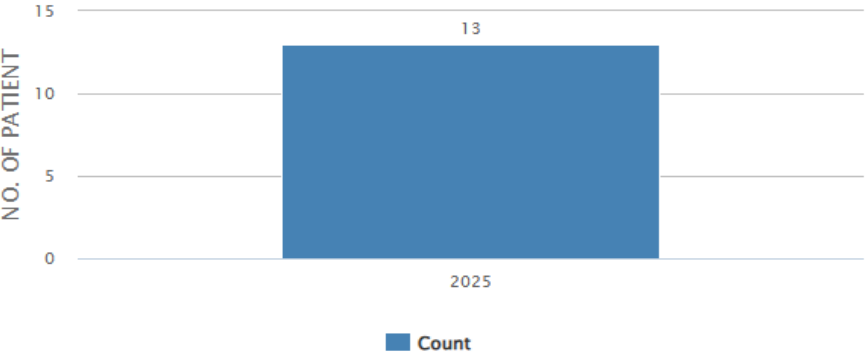
QUICK LINKS

 Companies 160	 User 16	 Appointments 0	 Today's UHID 0	 Today's OPD 0
 Today's IPD 0	 OT Booking 0	 LAB Tests 0	 Radio Tests 0	 Pharmacy Items 20051
 Vendors 3	 Inventory Items 4911	 Blood Donor 0	 Employees 1585	 Doctors 700

Monthly Yearly Date Wise

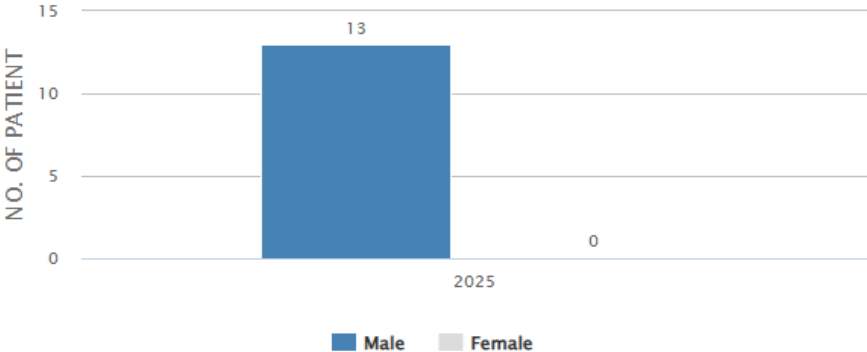


PATIENT VISIT



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PATIENT VISIT BY GENDER



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FINANCIAL DETAILS



OPD Sales
17780.00



OPD Discount
1050.00



OPD Paid
16360.00



OPD Refund
0.00



Advance Paid
0.00



IPD Sales
140.00



IPD Discount
0.00



IPD Paid
140.00



IPD Refund
0.00



Salary Expense
0.00



Pharmacy Sales
1500.00



Pharmacy Paid
1500.00



Pharmacy Refund
0.00

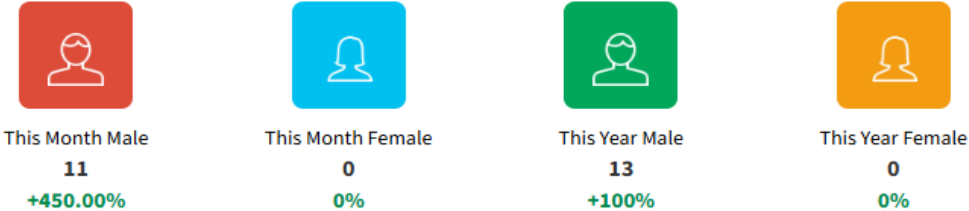


Doctor Expense
0.00

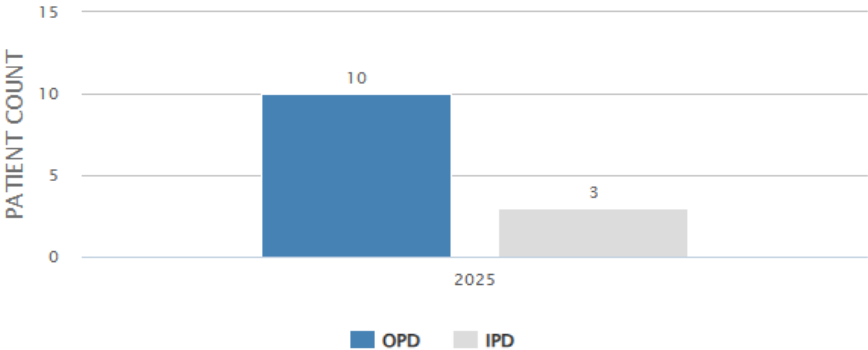
TOTAL PATIENT COUNT



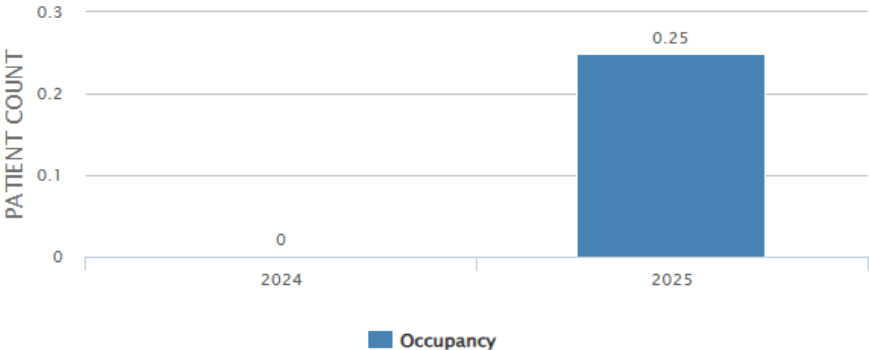
GENDER WISE PATIENT COUNT



OPD & IPD PATIENT



BED OCCUPANCY



[Action](#) ▾[Admin](#) ▾**ABHIJIT SARBADHIKARY.**

ORTHOPAEDICS

Doc Code	DOC101183
Lic. No.	WBMC 36337
Speciality	SPECIALITY- ORTHOPAEDICS
Qualification	MBBS,MS (ORTHO). D.ORTHO

[Schedule](#)

MY PATIENT

4

Total OPD



0

Total IPD



REVENUE

This Month



This Week

Total
Appointment

7

Today
Appointment

0

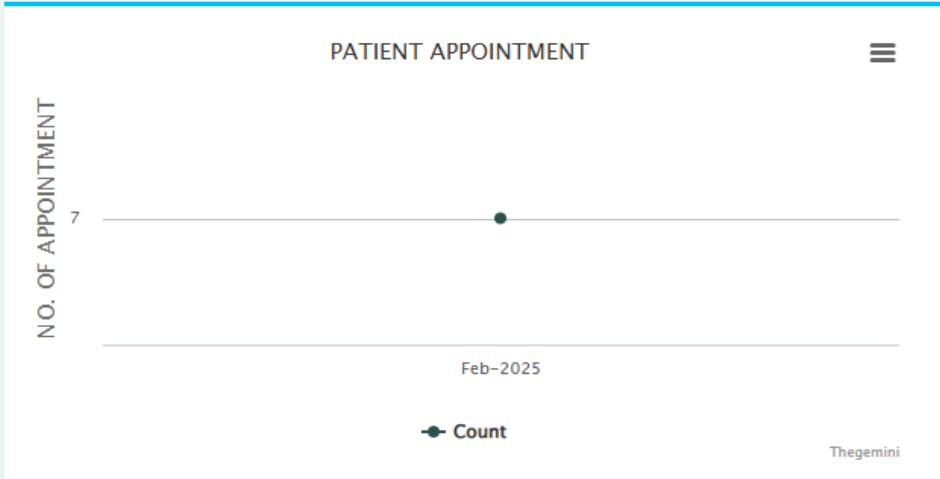
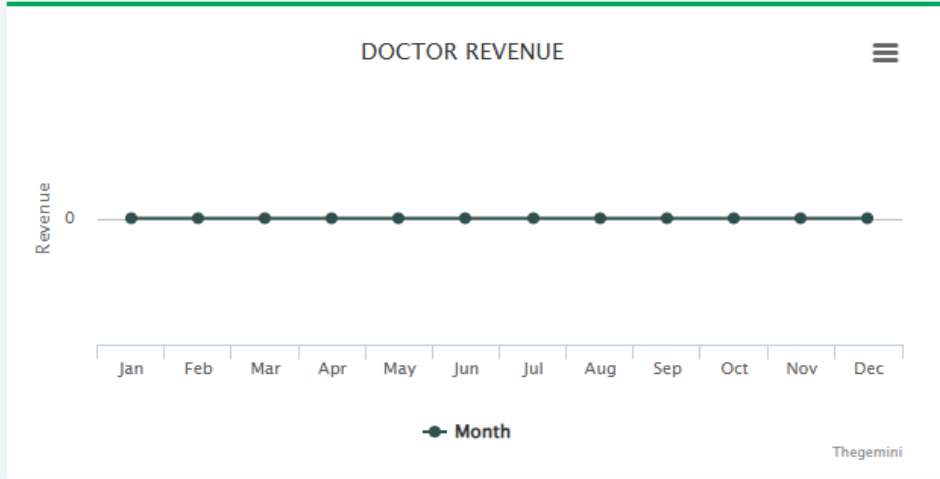
Next
Appointment

0



UPCOMING APPOINTMENT

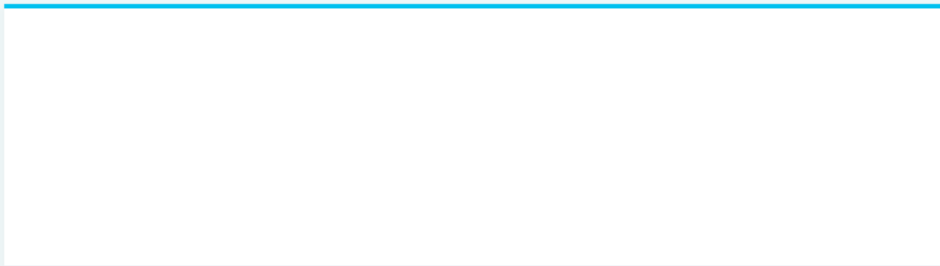
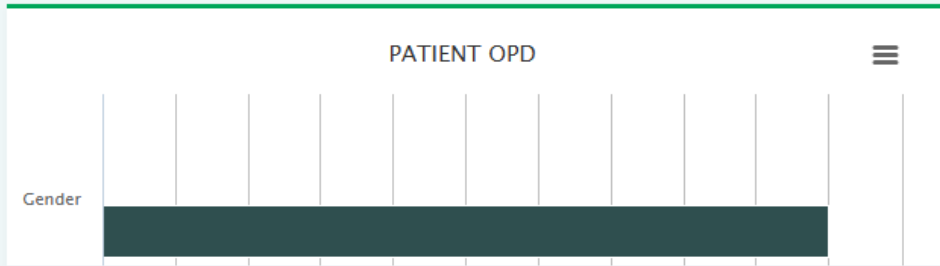
[All Appointments >](#)




All Patient Count

Today

All





Physicians recognize the importance of having the information at the right time



86%

think better data interoperability would significantly cut time to diagnosis

95%

say increased data interoperability will improve patient outcomes

95%

agree that easier access to critical data can save lives

PARTNER WITH US FOR A HEALTHIER TOMORROW

The Gemini International is more than just a software provider; we are your partner in advancing healthcare. Join us on the journey to create a healthier, more connected future for patients and healthcare providers alike.

Contact Us Today to explore how our innovative healthcare software solutions can elevate your organization to new heights.

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