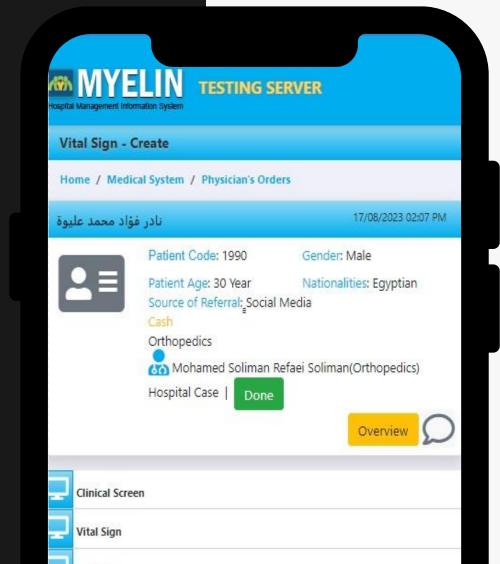




The Nerve Center of Your Hospital



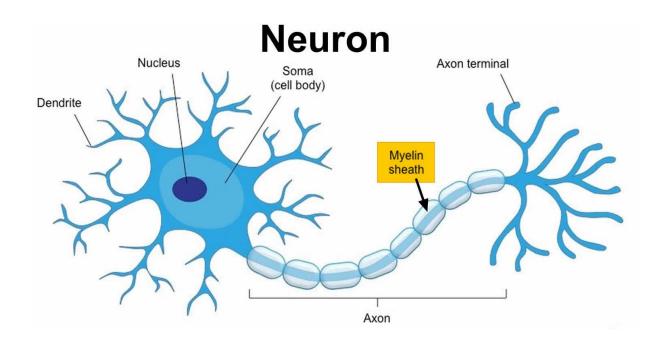
2024

www.codezone-eg.com



In the human body, the myelin sheath is a vital component. It wraps around nerve fibers, facilitating the rapid and efficient transmission of signals between different parts of the body.

Without myelin, our movements would be slower, and our responses less coordinated.





Our HIS ensures seamless communication and efficient operation, making your hospital function like a well-coordinated organism."

Just as myelin connects and coordinates the human body's functions,

MYELIN connects and integrates all departments within a hospital.



Centralizes
Patient
Information

- o Comprehensive Integration
- Cutting-edge Innovation
- Operational Efficiency
- Scalability And Adaptability
- Enhanced Patient Care
- Data Security And Compliance
- User-friendly Interface
- Business Intelligence Tools

Standardizes Processes

MYELIN Platform



MYELIN PLATFORM

MEDICAL & OPERATIONS

RCM

HR

SUPPLY CHAIN

ACCOUNTING

CRM

- -Outpatient Management
- -Inpatient Management
- -Radiology
- -Laboratory
- -Clinical Process
- -Medical Records

-Pricing

- -Billing
- -Claim Management
- -Doctors Fees

-Personnel

- -Payroll
- -Advanced HR

-Purchasing

- -Warehouse
- -Pharmacy

-Finance

- -Costing
- -Fixed Assets
- -Financial Statement

- -Marketing
- -Clinic Queue System
- -Patient online Booking
- -Visit & Call Management
- -Customer Relation



SMART TOOLS

- -Chatting
- -Alerts & Notifications
- -Internal Email

- -User Log
- -SMS
- -WhatsApp Integration
- -Dynamic Workflow



INTEGRATION

Hardware

- -Lab Devices
- -Thermal Printer
- -Barcode Scanner
- -Attendance Machine

Software

- -PACS
- -Egyptian Taxes Portal
- -Vezeeta



TECHNOLOGY FRAMEWORK

- Development (ASP.Net MVC (C#), Maui, Javascript, Bookstrap, JQuery)
- Data (SQL Server, Telerik Reporting)
- DevOps (Azure DevOps, CodeZone Updater)
- Planning, B.Analysis (Kanban, CodeZone CMS)



BUSINESS INTELLIGENCE

- -Smart View
- -Analytics View



TERMINOLOGY STANDARDS

ICD-10, CPT, SNOMED CT, HL7, LOINC





Process Automation With External Parties

Customer

CRM

- Marketing
- Visit Management
- Complete RCM
- Collection
- Fawry Payout

Applicant

- Recruitment

HR

Tax Authorities

Finance

- E-Invoice
- E-Receipts
- Payroll Integration with Tax

Patient

PRM

- Patient Online Booking
- QR Identification
- SMS
- WhatsApp Integration
- Promotion
- Loyalty Program
- Patient Survey

MYELIN

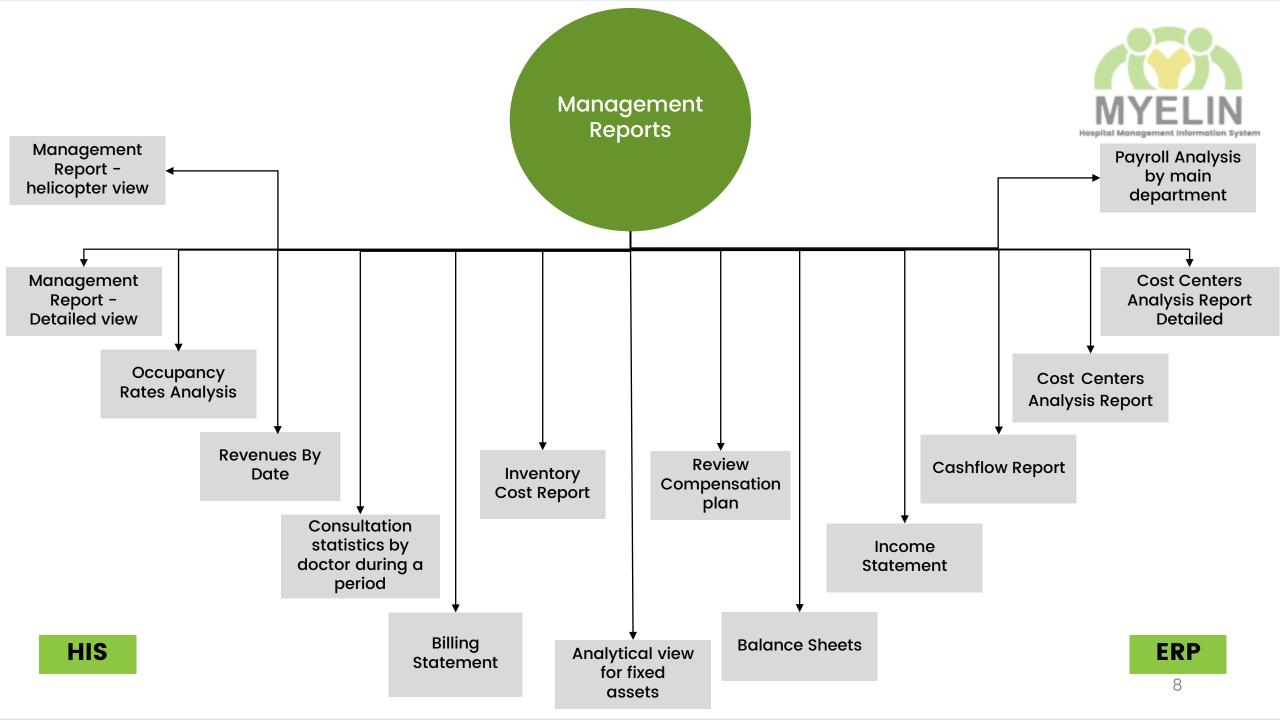
Insurance Companies

Insurtech

- Underwriting
- Automated Approval
- E-Claims

Device Integration

- Lab Devices Integration (HL7)
- Rad Integration (PACS)



Related Standards





ICD-10:

The International Classification of Diseases, 10th Revision, is a classification system for diseases, injuries, and other health conditions. It is used to code patient diagnoses and procedures for billing and reimbursement purposes.

CPT code:

The Current Procedural Terminology code set is a list of codes that are used to describe medical procedures and services. It is used for billing and reimbursement purposes, as well as for research and quality improvement.

SNOMED CT:

The Systematized Nomenclature of Medicine Clinical Terms is a comprehensive terminology for clinical care. It is used to code patient diagnoses, procedures, and medications.

HL7:

Health Level Seven is a set of standards for exchanging healthcare data electronically. It is used to transmit patient information between healthcare providers, payers, and other organizations.

LOINC:

Logical Observation Identifiers Names and Codes is a set of codes that identify laboratory tests and observations. It is used to exchange laboratory data electronically.

These standards are essential for the efficient and effective delivery of healthcare. They help to ensure that patients receive the right care, that healthcare data is accurate and consistent, and that healthcare organizations can communicate effectively with each other.

Technology Stack



Development

Data

DevOPs

Planning and Business analysis

- Asp.Net MVC
- o (c#)
- Maui
- JavaScript
- Bootstrap
- Jquery

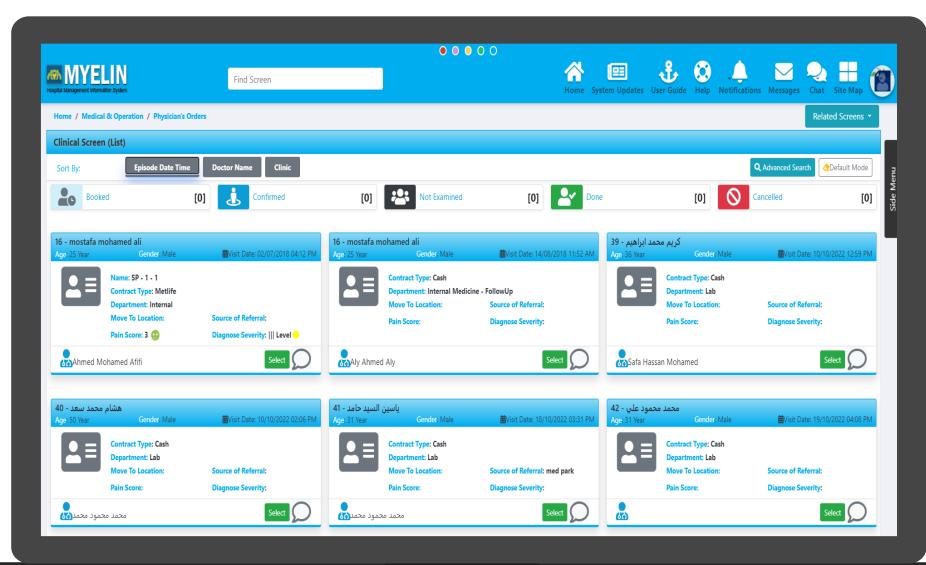
- o SQL Server
- TelerikReporting

- AzureDevOps
- CodeZoneUpdater

- **Kanban**
- o CodeZone CMS

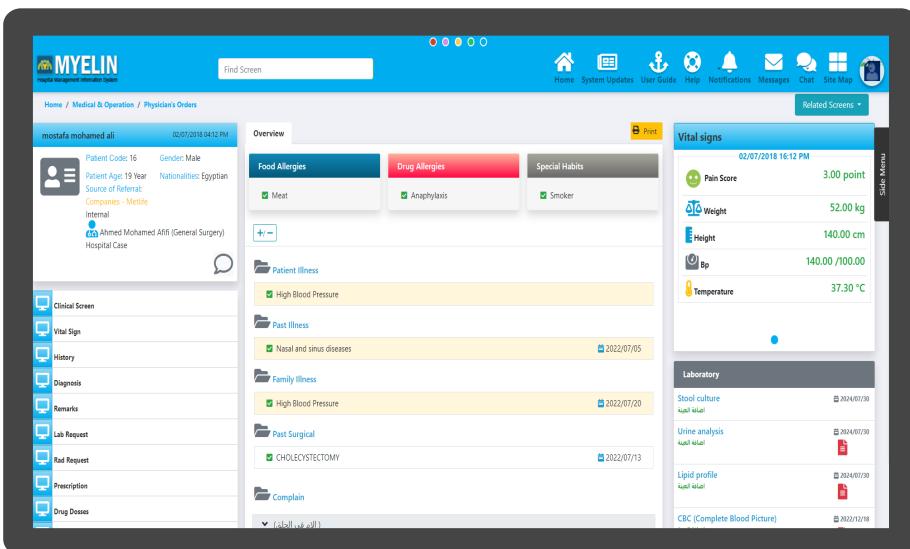
Clinical Screen





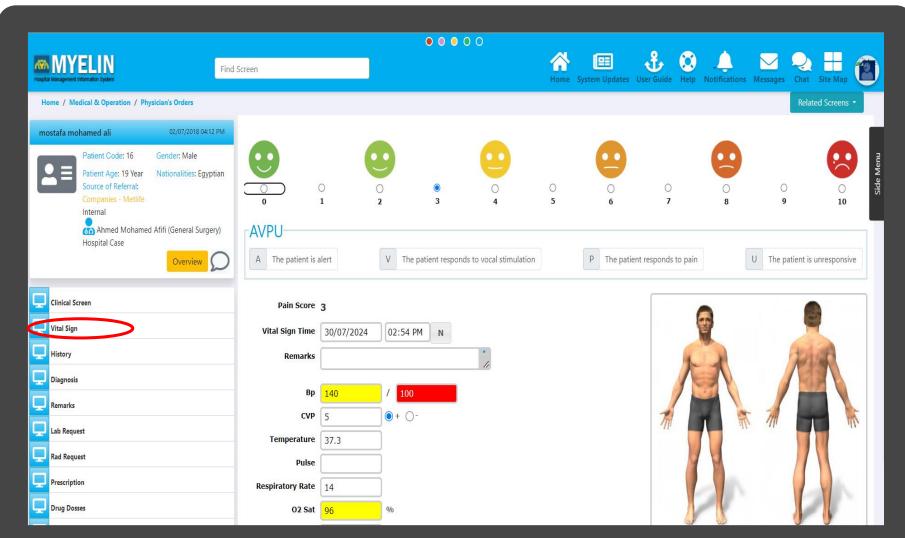
Overview





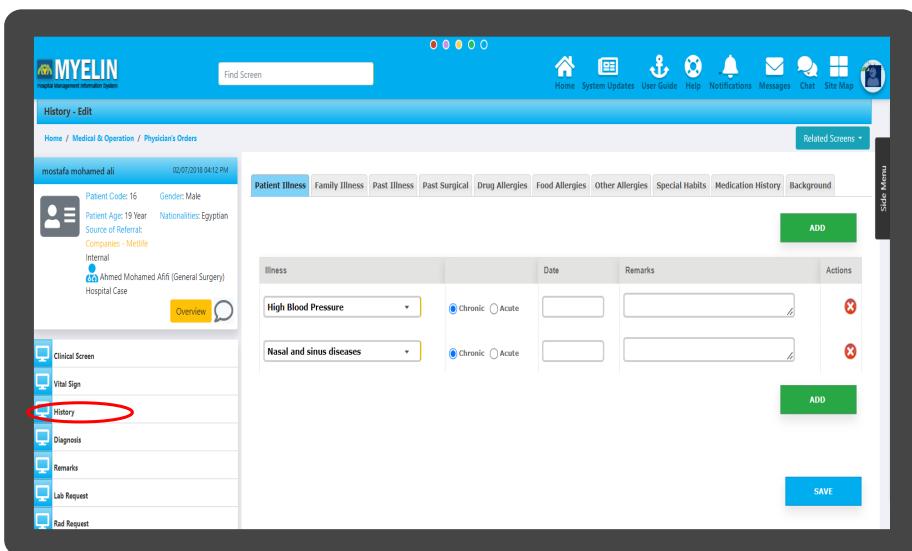
Vital Signs





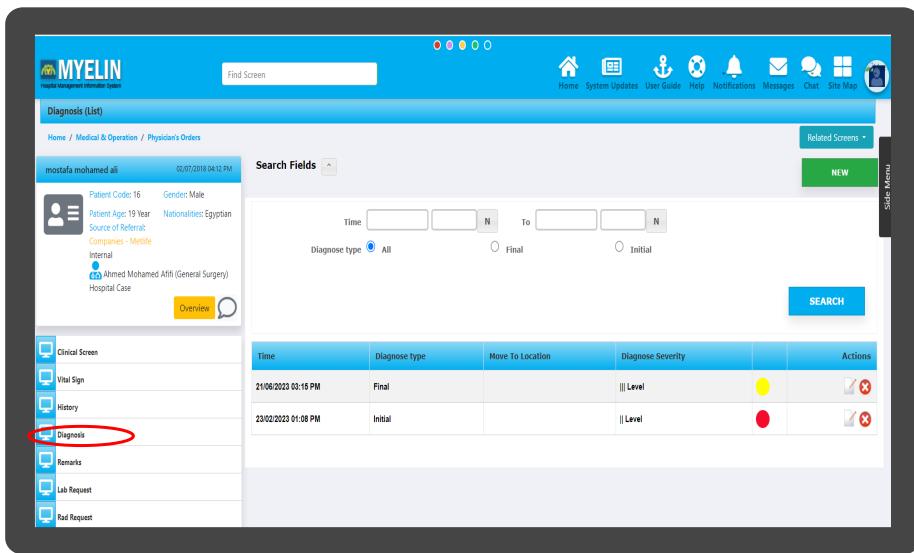
History





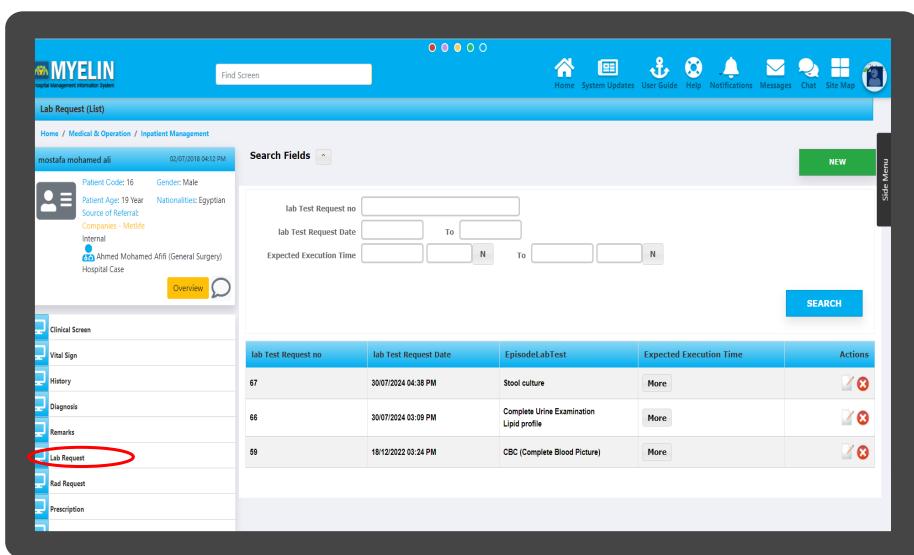
Diagnosis





Lab Requests





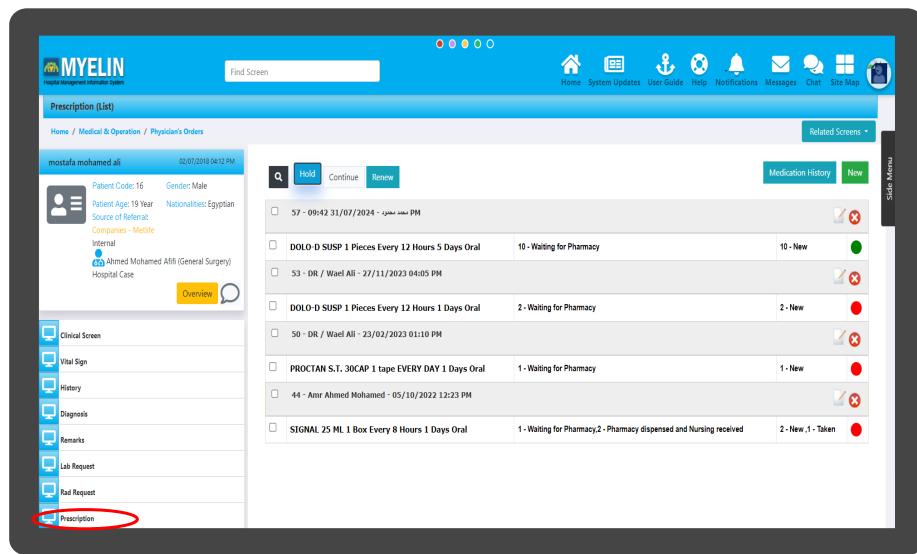
Rad Requests



Hospital	ol Management Information System	d Screen	• • • • •		em Updates User Guid		Messages Chat Si	te Map
	ad Request (List)							
	ome / Medical & Operation / Inpatient Management ostafa mohamed ali Patient Code: 16 Gender: Male	Search Fields						NEW FOR
	Patient Age: 19 Year Source of Referral: Companies - Metlife Internal Hospital Case Clinical Screen Vital Sign	Radiation Request no Radiation Request Date Doctor Name Expected Execution Time	To N	To To	N		SEARC	_
	History	Radiation Request no	Doctor Name	Radiation Request Date	E	pisodeRadiation		Actions
Ţ	Diagnosis	3		19/04/2023 10:13 AM	MF	RI ANKLE	Print L	Label 🚫
Ē	Remarks Lab Request	d .)
	Rad Request Prescription							

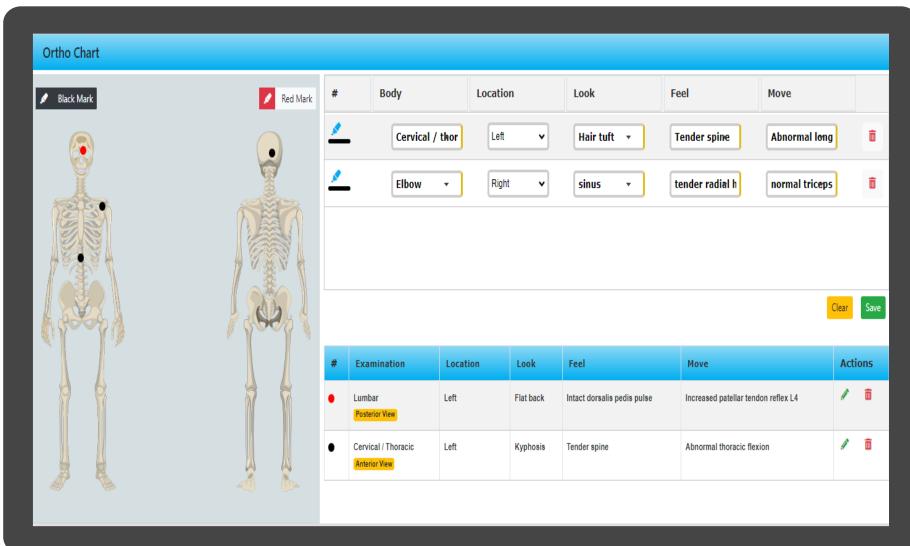
Prescription





Ortho Chart





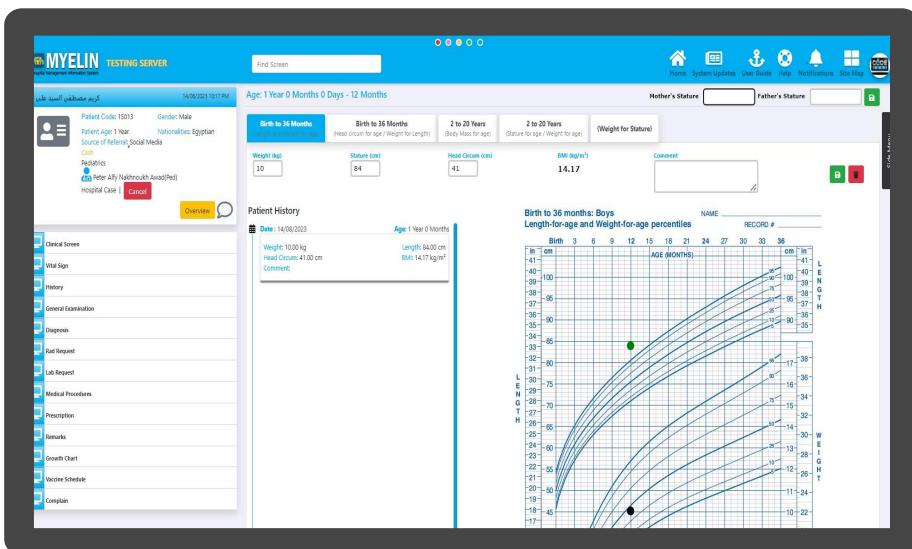
Vaccine Chart



Vaccine	Birth	1 mo	2 mos	4 mos	6 mos	9 mos	12 mos	15 mos	18 mos	19-23 mos	2-3 yrs	4-6 yrs	7-10 yrs	11-12 yrs	13
Hepatitis B1 (HepB)	1st. Dose	2nd. Dose	17/09/2023				3rd. Dose								
Rotavirus2 (RV) RV1 (2-dose series); RV5 (3-dose series)			1st. Dose	2nd. Dose											
Diphtheria, tetanus, & acellular pertussis3 (DTaP: <7yrs)			1st. Dose	2nd. Dose	3rd. Dose			4th. Dose	17/09/2023			5th. Dose			
Haemophilus influenzae type b4 (Hib)			1st. Dose 17/09/2023	2nd. Dose	3rd. Dose			4th. Dose							
Pneumococcal conjugate5 (PCV13, PCV15)			1st. Dose	2nd. Dose	3rd. Dose			4th. Dose							
Inactivated poliovirus6(IPV: <18yrs)			1st. Dose	2nd. Dose			3rd. Dose					4th. Dose			
Measles, mumps, rubella8 (MMR)					1st. Dose		2nd. Dose					3rd. Dose			
Varicella9 (VAR)							1st. Dose					2nd. Dose			
Hepatitis A10 (HepA)								1st. Dose							
Tetanus, diphtheria, & acellular pertussis12 (Tdap: >–7yrs)														1st. Dose	

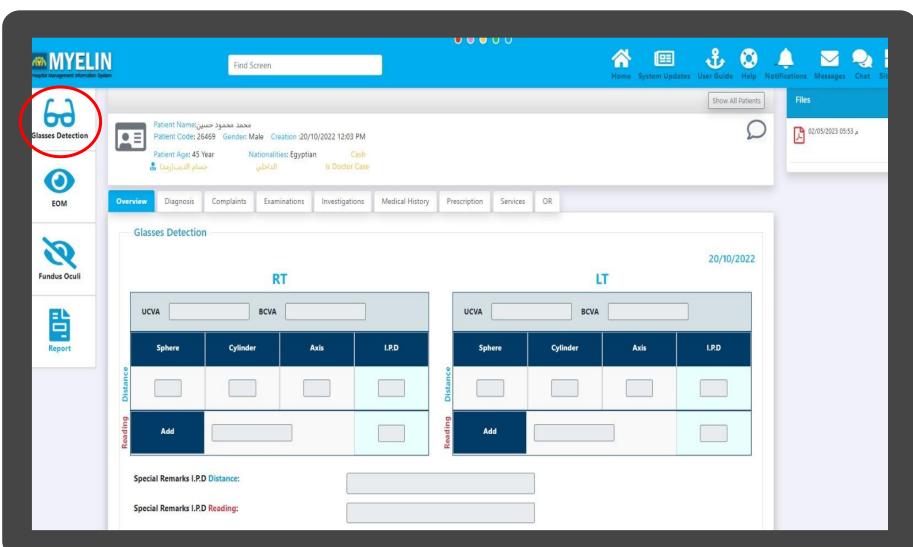
Growth Chart





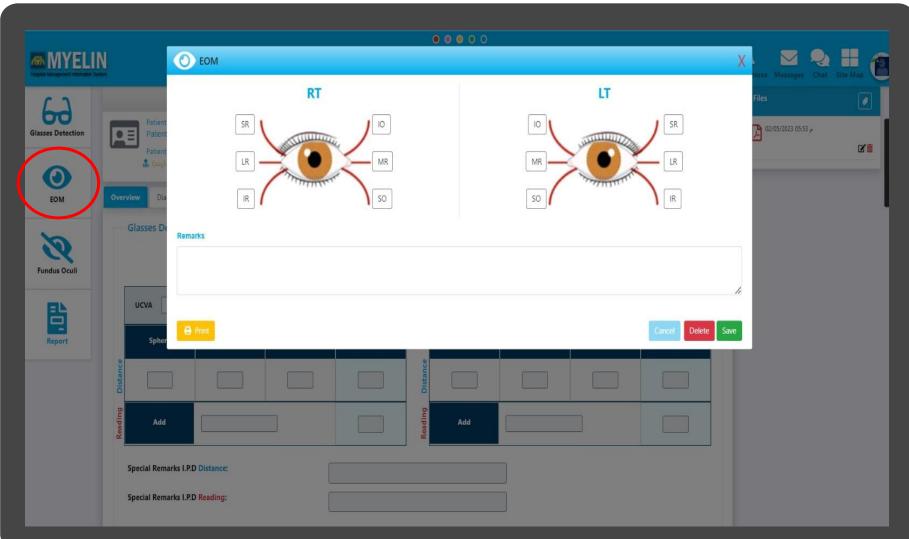
Ophthalmology





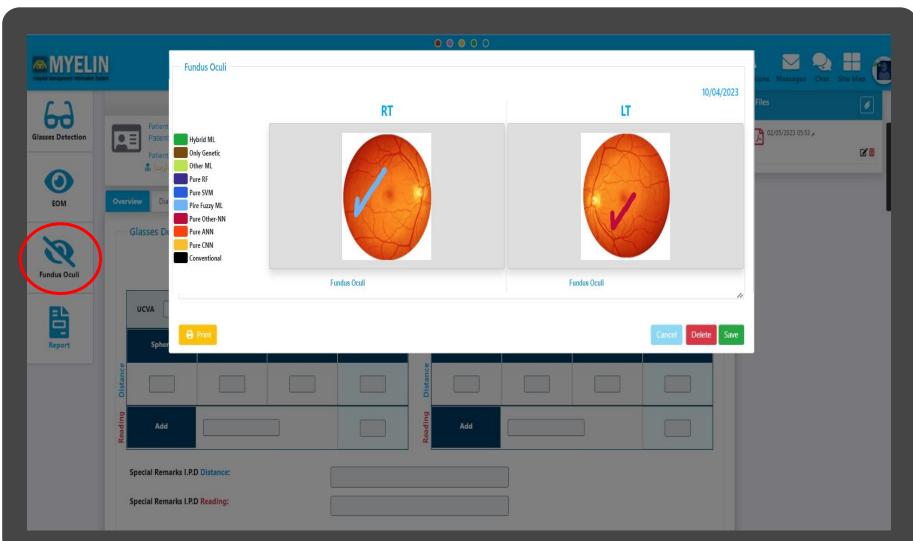
Ophthalmology



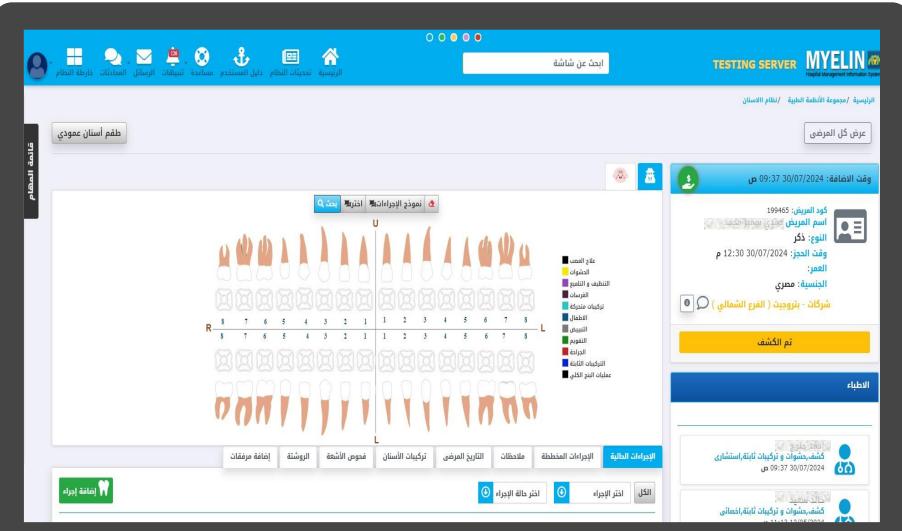


Ophthalmology

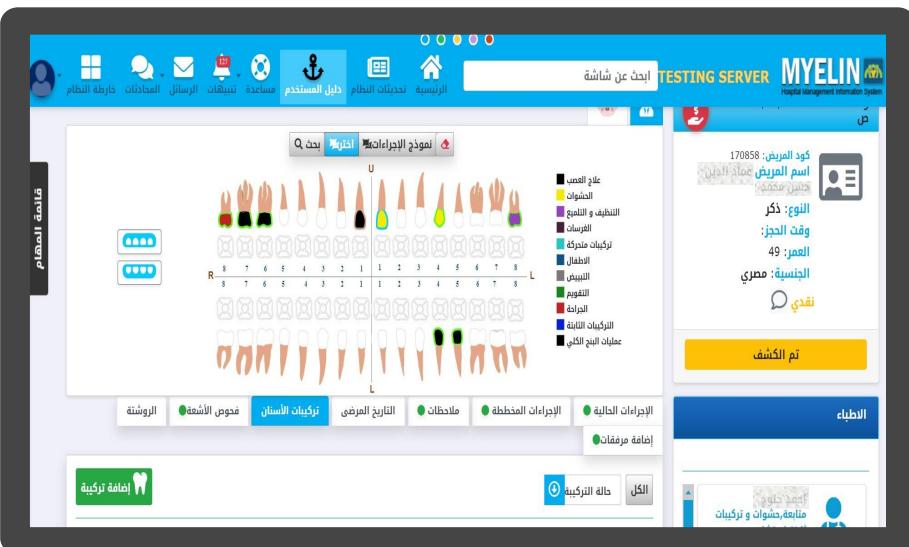








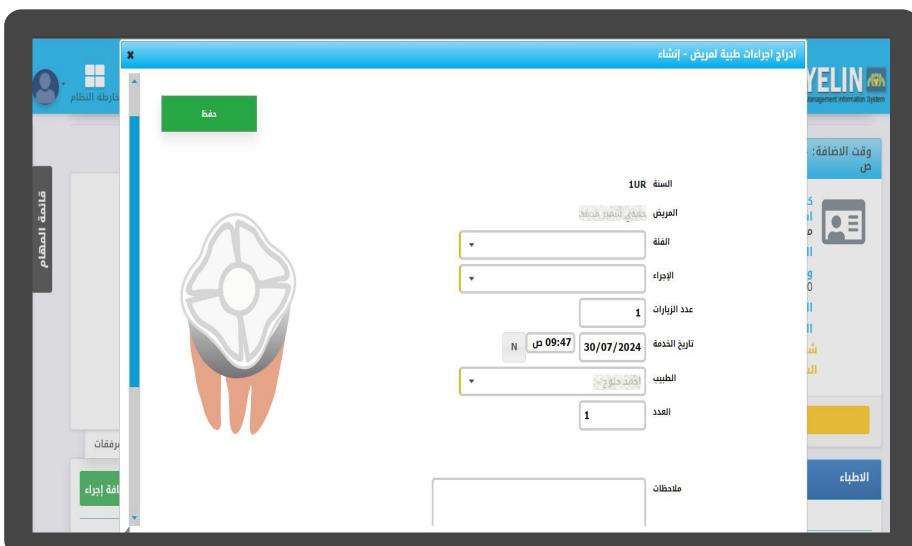














ThankYou