

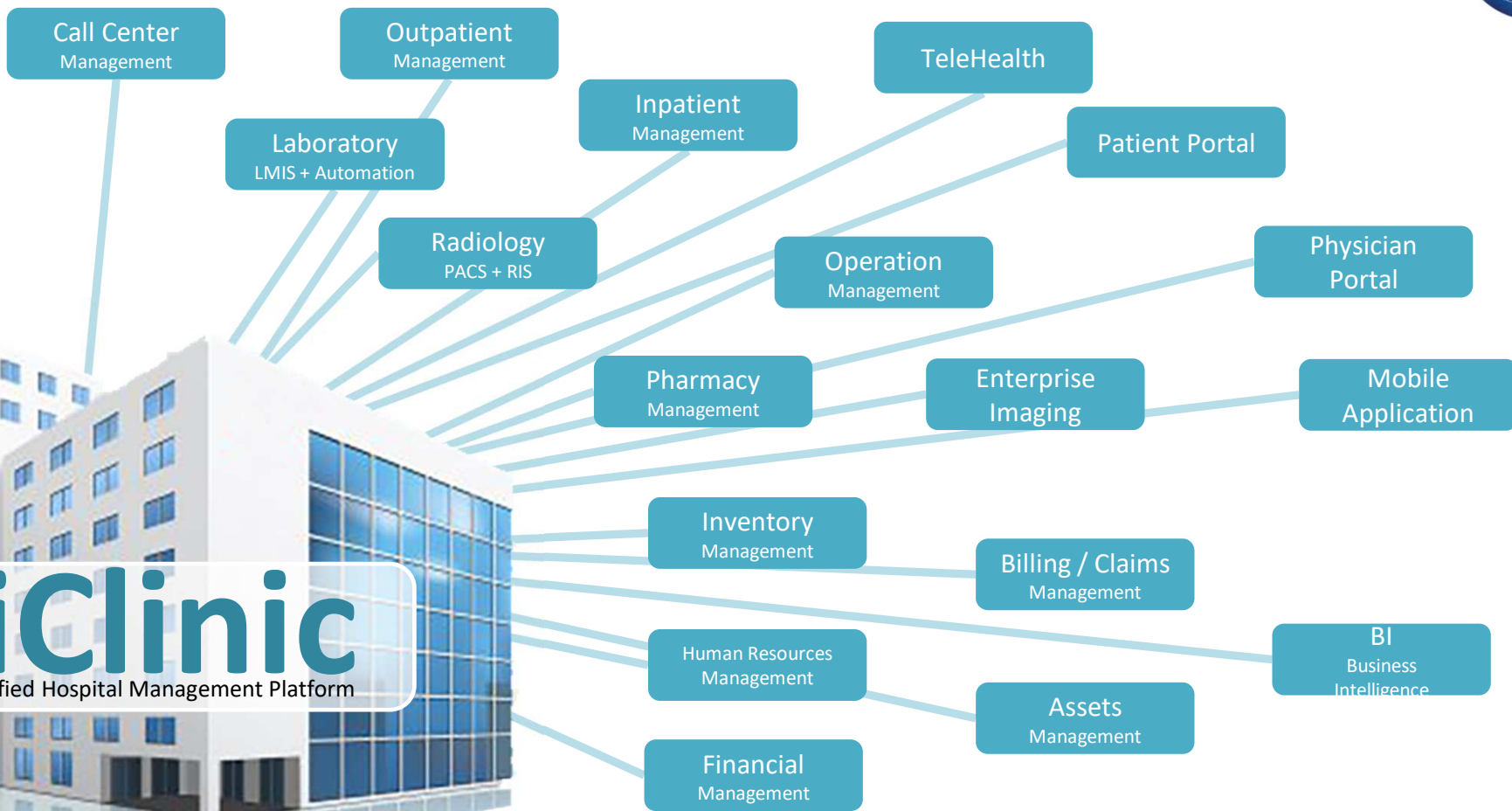
# MILLENSYS



## MiClinic EHR

Unified Hospital Management Platform

[www.millensys.com](http://www.millensys.com)



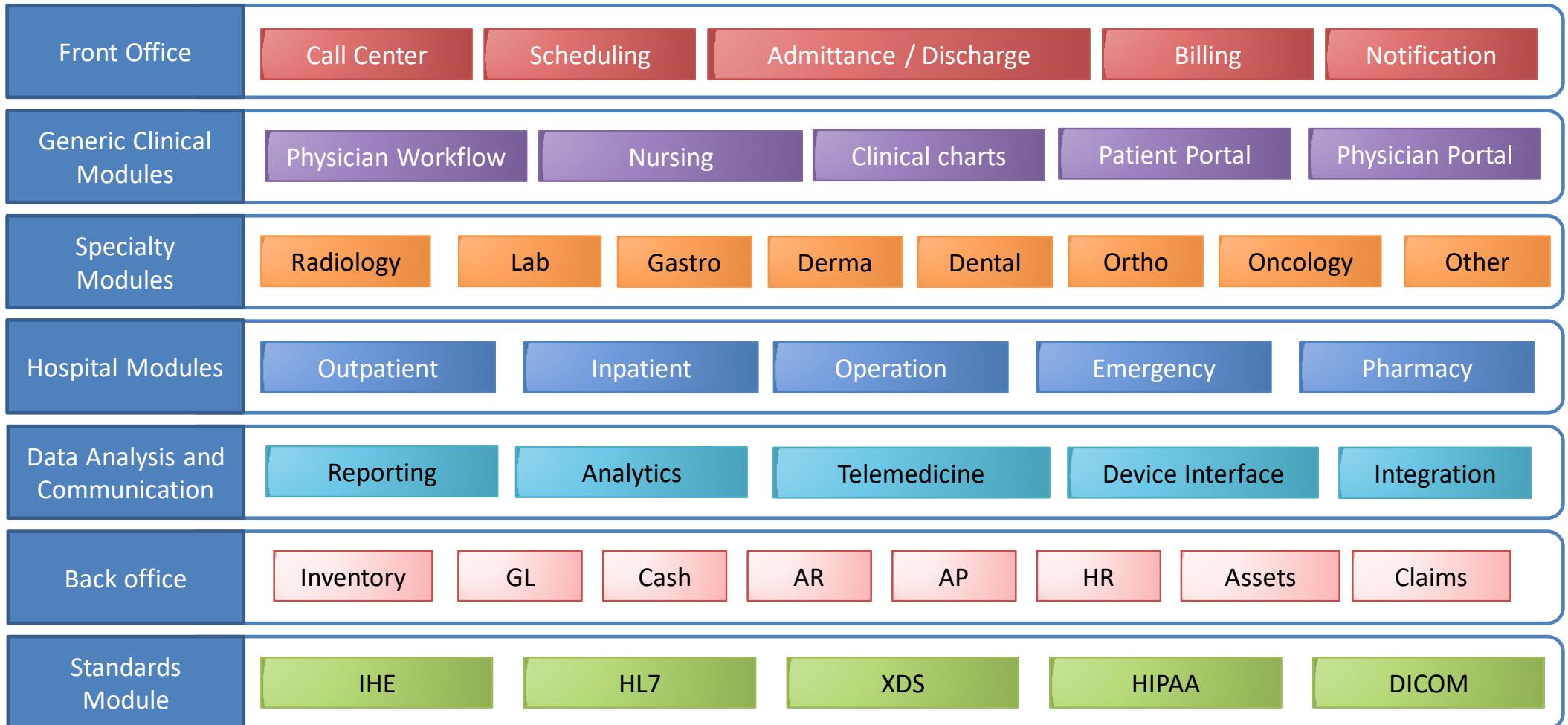
# MiClinic

MILLENSYS Unified Hospital Management Platform

# MILLENSYS EHR | Software Modules



## MILLENSYS EHR | MiClinic



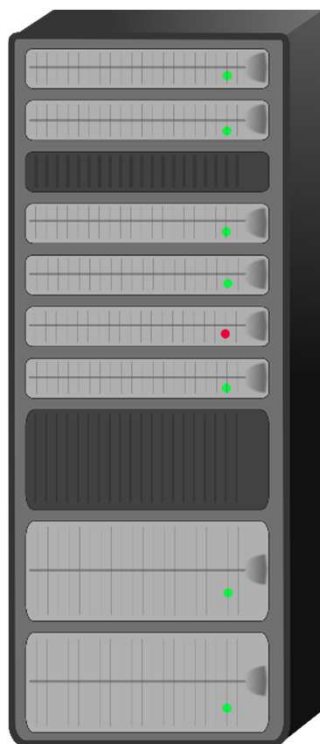


*Why*

*?*

**MiClinic**

MILLENSYS Unified Hospital Management Platform



Complete Web based applications

Built on a single core

Using single database architecture

One shared patient record across all departments

Unified design for clinical + imaging + financial

Scalable Outpatient / Inpatient management

Built in Radiology PACS and Lab automation

Powerful Pharmacy management module

Intuitive telehealth and telemedicine suite

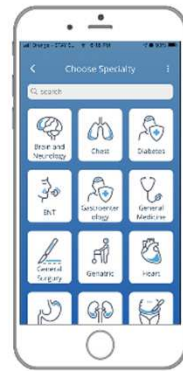
Powerful financial management platform

Following Latest Healthcare standards and guidelines

Ability to integrate AI and IoT applications

## Easy Booking and Admittance

### For the Patient



mobile  
application

OR



call centre  
calling

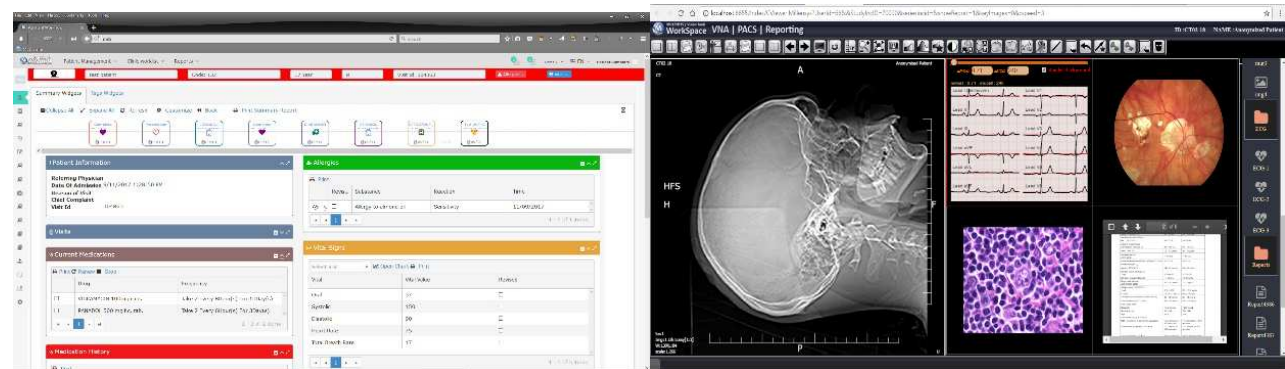
OR



hospital  
Reception  
visit

Unified patient health record across the hospital accessible from anywhere

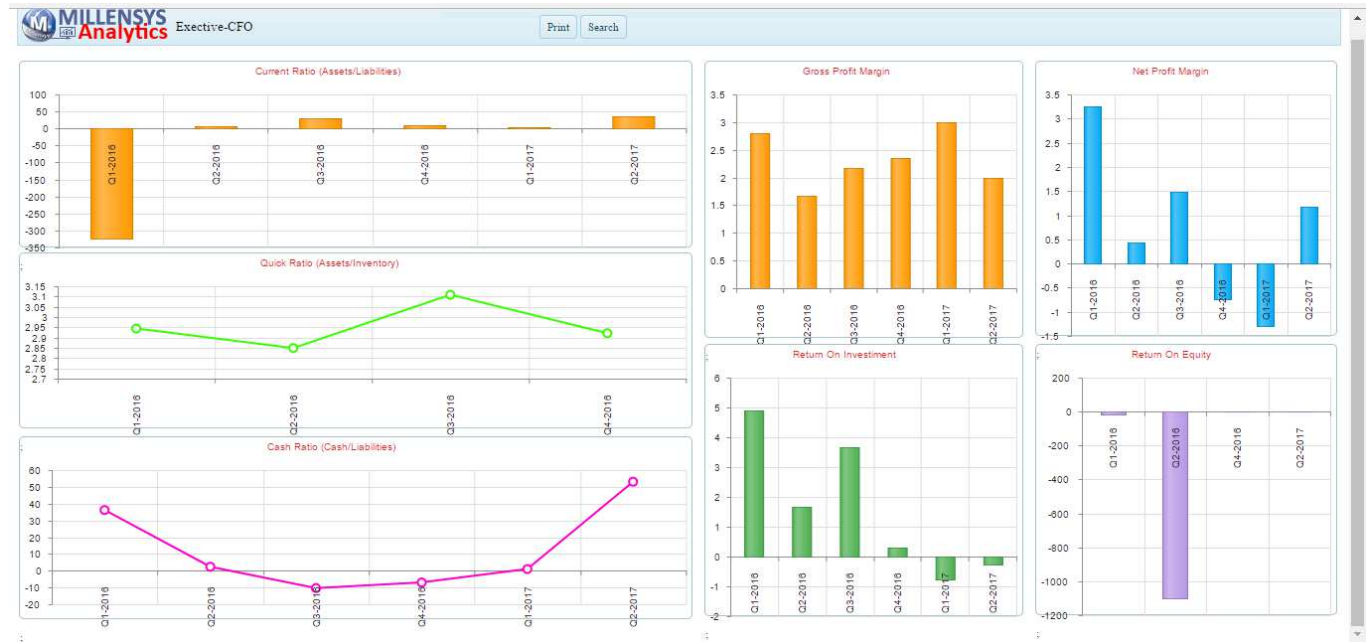
For Physicians



EHR + Enterprise Imaging in one place

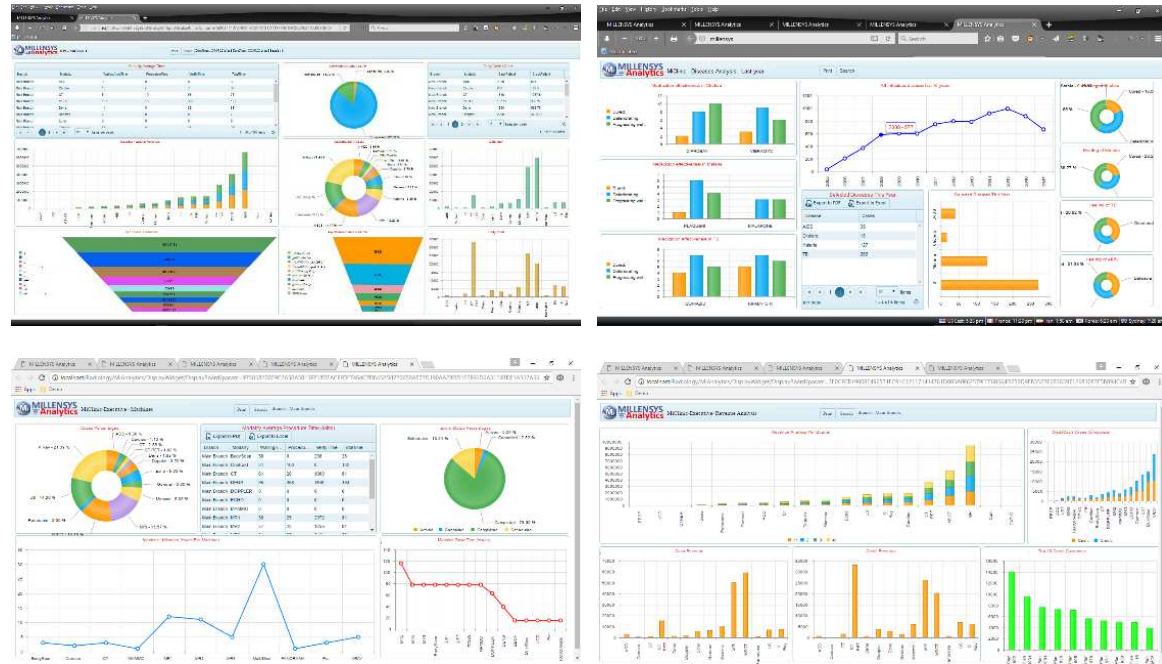
## Complete Financial Analysis with KPIs

For Financial Managers



## Business Intelligence from live data

For Hospital  
Directors

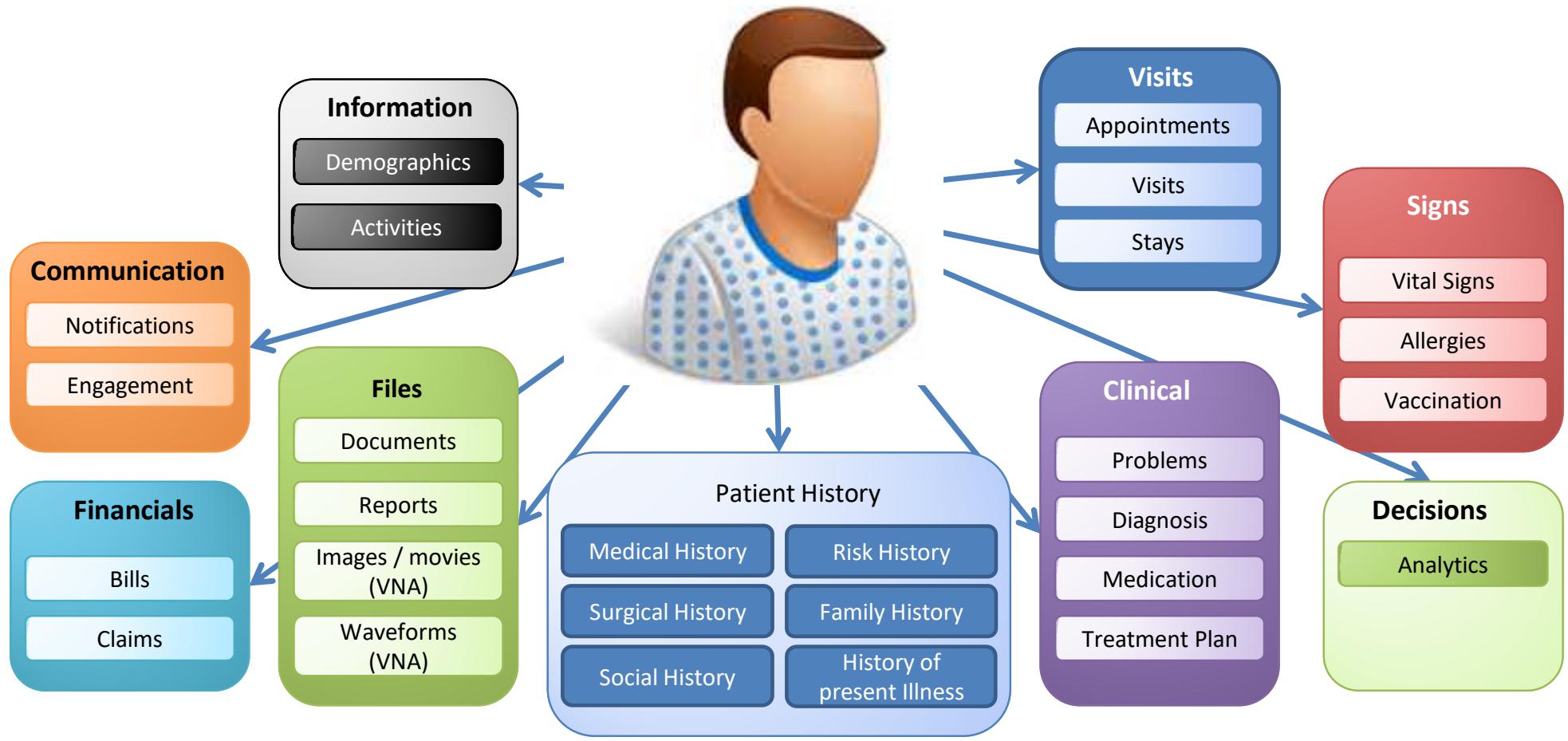






# **MILLENSYS**

## **Electronic Health Record**





# MiClinic Modules





### General Features

- Supports Inbound and Outbound calls
- List of activities include: Service Scheduling, enquiries (service price, information, branch location...), results checking, delivery request, complaints...
- Select the activities which will be available for inbound\outbound calls and add them to the inbound screen
- Calculate Call duration
- result status of the call and comment.
- Seamless Integration with Millensys Mobile application



The screenshot displays the MiClinic software interface. At the top, there are navigation tabs: "In Bound Call", "Out Bound Call", and "Queue". The time is 04:35. Below the tabs is a search form with fields for "Person Name", "MRN" (01234568789), "Mobile Number", "SSN" (Starts with), "Select Gender", and "DOB". There are "Search" and "Reset" buttons. Below the form is a table with columns: Code, Person Name, Birth Date, Age, Gender, and MRN. The table contains several rows, with the first row highlighted in blue. Below the table is a pagination bar showing "1 - 30 of 3188 Items". To the right of the search form are two charts. The first chart is titled "Number Of In Bound and Out Bound Calls" and shows two bars: a cyan bar for "In Bound" and a blue bar for "Out Bound". The second chart is titled "Number Of Activity SubType" and shows a single purple bar for "General Inquiry Follow Up". A red phone icon is visible in the bottom right corner of the chart area.



# MiClinic, EMR/EHR, (Scheduling)

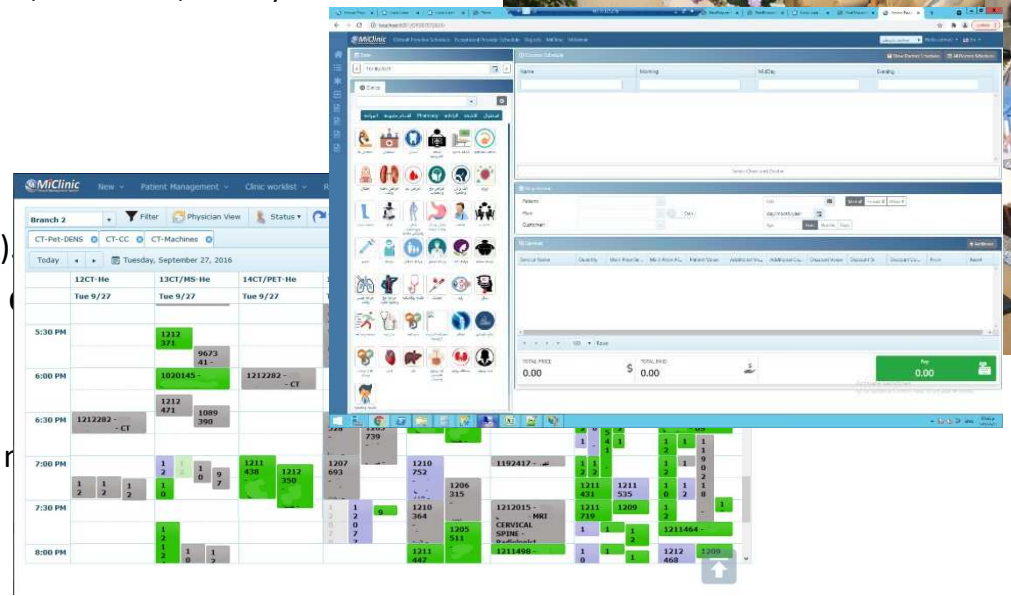
## General Features

- Single Click appointments scheduling.
- Different customizable calendar views of patient appointments
- Calendar shows different exam rooms or Physician names .
- Change appointment status  
(e.g. scheduled, confirmed , arrived, delivered, ...etc.)



## Advanced Features

- Mobile App Engagement .
- Call center Scheduling.
- Scheduling as “**Pending**” (e.g. Waiting-list)
- Automatic scheduling of exams based on physicians.
- Alerting on VIP patient , ..etc.
- Lock scheduling for a certain time (e.g. r
- Schedule patient to other branches.
- One encounter for the patient visit



# MiClinic, EMR/EHR, (Admittance / Order Management)



## General Features

- Single screen view of all order details
- Customizable **mandatory** data for order processing
- Extensive payment/billing features.
- Automatic insertion of necessary consumables and additional services with the procedure
- Supports **Multi-Branch** operation
- Generate payment receipt / bill for the patient

## Advanced Features

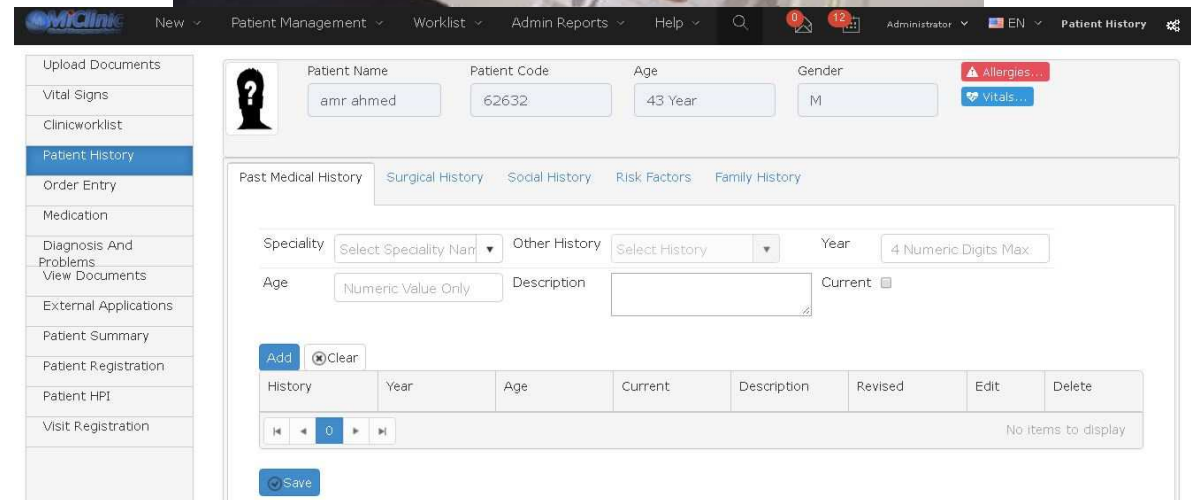
- Supports **multi-Visits** procedures
- Visual **Alerts** for order data (e.g. procedure, insurance , Physician comments, needed additional services, ...etc.)
- External document scanning / attachments (e.g. old report, prescription, lab result, ...etc.)
- Supports scheduling based on physicians availability time.

The screenshot displays a complex data table within the MiClinic software. The table has multiple columns, including 'Order No.', 'Patient Name', 'Product Code', 'Product Name', 'Service No.', 'Service Name', 'Product Price', 'Unit Price', 'Quantity', 'Total Price', 'Service Fee', 'Start Date', 'End Date', 'Status', and 'Order Location'. The rows are color-coded in alternating shades of yellow and purple, representing different order entries or services.



## Information Gathered

- Demographics
- Medical history
- Medication and allergies
- Patient Documents
- Immunization status
- Laboratory test results
- Radiology images
- Vital signs
- Personal stats like age and weight
- Billing information
- Communication Management (External RIS-LAB-Pharmacy....etc)



The screenshot shows the MiClinic software interface. The top navigation bar includes 'New', 'Patient Management', 'Worklist', 'Admin Reports', 'Help', and a search icon. The user is logged in as 'Administrator' in 'EN' language. The main content area displays patient information for 'amr ahmed' (Patient Code: 62632, Age: 43 Year, Gender: M). Below this, there are tabs for 'Past Medical History', 'Surgical History', 'Social History', 'Risk Factors', and 'Family History'. The 'Past Medical History' tab is active, showing a form with fields for 'Speciality', 'Other History', 'Year', 'Age', 'Description', and 'Current'. A table below the form is currently empty, with columns for 'History', 'Year', 'Age', 'Current', 'Description', 'Revised', 'Edit', and 'Delete'. A 'Save' button is visible at the bottom of the form.

# MiClinic, EMR/EHR, (Patient Tracking and Work list Management)



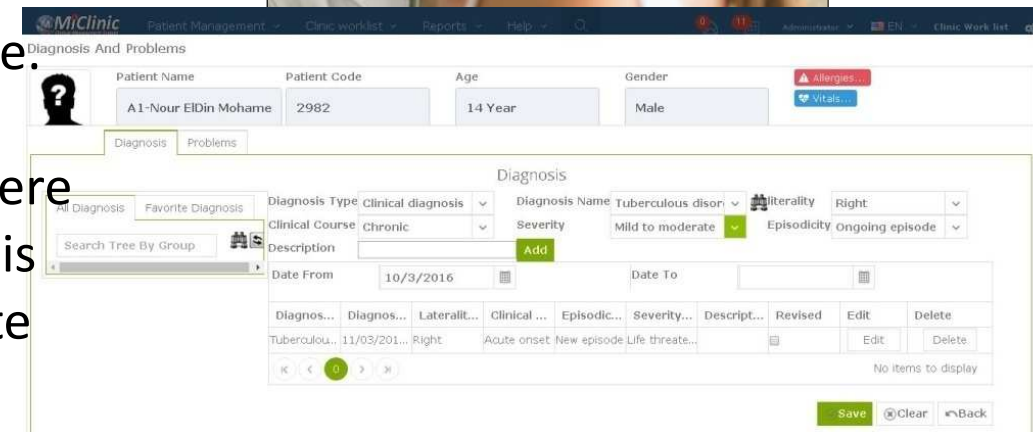
- User configurable work list layout
- Display of waiting-list patients (e.g. status waiting).
- Changing procedure status with single mouse click.
- Colored coded display of exams based on exam status and priority.
- Search patients by status of reporting (e.g. partial, verified , ...etc.)

The top screenshot displays the 'Clinic Worklist' interface. It includes search filters for Patient Name, Patient Code, Age, Gender, Status Name, Clinic, Performed By, Service Name, and Patient Code. Below the filters is a table with columns: Status Name, Age, Gender, Visit ID, Account Service ID, Creation Date, Patient Code, Title, Patient Name, Patient Name English, Patient Mobile, SSN Number, and Service Name. The table contains several rows of patient appointments, with some rows highlighted in yellow.

The bottom screenshot shows a detailed view of a patient's services. It includes a table with columns: Code, Name, Performed, Lact No, 01/11/20, 10/11/20, Status, Branch, Clinic, Search, Advanced, and Clear. Below this is a table with columns: Change Status, Status Name, Patient Code, Patient Name, Service Name, Service No, Patient Price, Main Price, Company Price, Invoice No, Start Date, Encounter ID, Mobile, Visit Comment, and Price. The table contains many rows of service records, with some rows highlighted in yellow.



- The system is designed to represent data that accurately captures the state of the patient at all times.
- It allows for an entire patient history to be viewed without the need to track down the patient's previous medical record volume and assists in ensuring data is accurate, appropriate and legible.
- It reduces the chances of data replication as there is only one modifiable file, which means the file is constantly up to date when viewed at a later date and eliminates the issue of lost forms or paperwork.

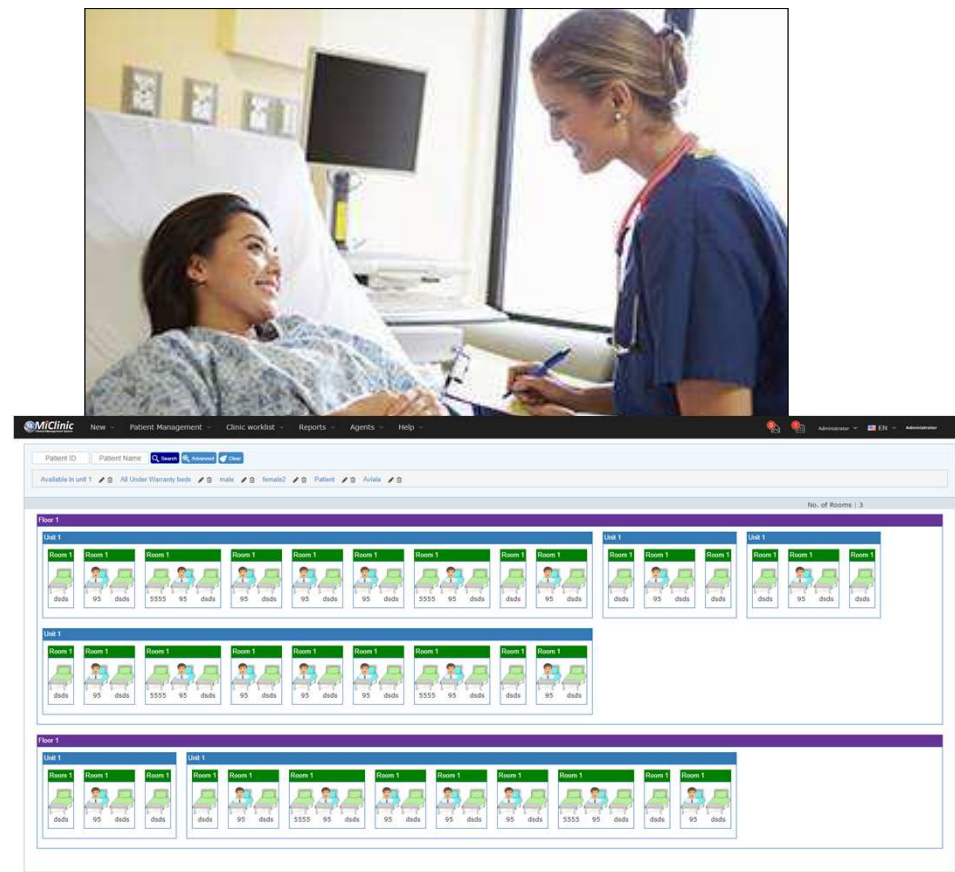


The screenshot displays the 'Diagnosis And Problems' section of the MiClinic software. At the top, patient information is shown: Patient Name (A1-Nour ElDin Mohame), Patient Code (2982), Age (14 Year), and Gender (Male). Below this, there are tabs for 'Diagnosis' and 'Problems'. The 'Diagnosis' tab is active, showing a form with fields for 'Diagnosis Type' (Clinical diagnosis), 'Clinical Course' (Chronic), 'Diagnosis Name' (Tuberculous disorder), 'Severity' (Mild to moderate), and 'Episodicity' (Ongoing episode). A table below the form lists existing diagnoses, including 'Tuberculous disorder' with a date of 11/03/2016 and a severity of 'Acute onset New episode Life threatening'. The interface includes navigation buttons like 'Save', 'Clear', and 'Back'.

# MiClinic, EMR/EHR, (Bed Management)



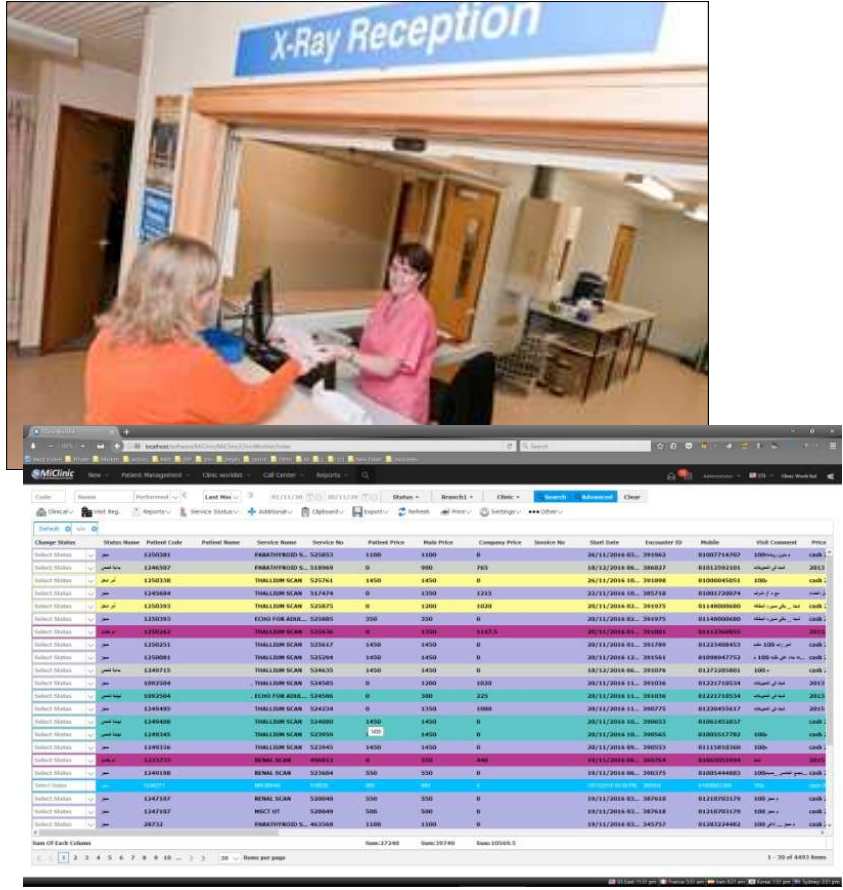
- Intuitive graphical user interface with real time status of beds that are currently occupied and by whom, including gender and any particular program in which the patient may be enrolled, Bed type, size, and location (room, floor)
- Improve bed utilization and planning with “at a glance” displays, helping to automate the entire admissions and discharge process.
- Eliminate time consuming one-on-one updates from bed or floor managers since a bed’s status is updated once in the system and is then available for system users to see across the enterprise in real time.



# MiClinic, EMR/EHR, (Radiology)



- Distribute DICOM worklist to modalities
- Handles specialized reception workflow
- Handles inpatient , out patient and walk-in scheduling
- Built in PACS from MILLENSYS and integrate with third party.
- Built in Radiology reporting module with template , dictation or speech recognition .
- Built in Inventory management for consumables
- Handles multiple payment methods
- Support for Insurance and claim management
- Report web delivery.
- Patient mobile application.



# MiClinic, EMR/EHR, (Laboratory)



- Sample management
- Instrument and application integration
- Specialized user workflow (e.g. chemist , tech. , doctor , ..etc.)
- Support Lab-to-Lab Workflow
- Automatic result interpretation
- Flexible reporting designer
- Automatic result web delivery
- Patient mobile application
- Built in inventory management for consumables



Result Verification

Patient Name: [Redacted] Patient Code: 5555 Age: 35 Year Gender: [Redacted] Altcoins: [Redacted]

Filter Categories:

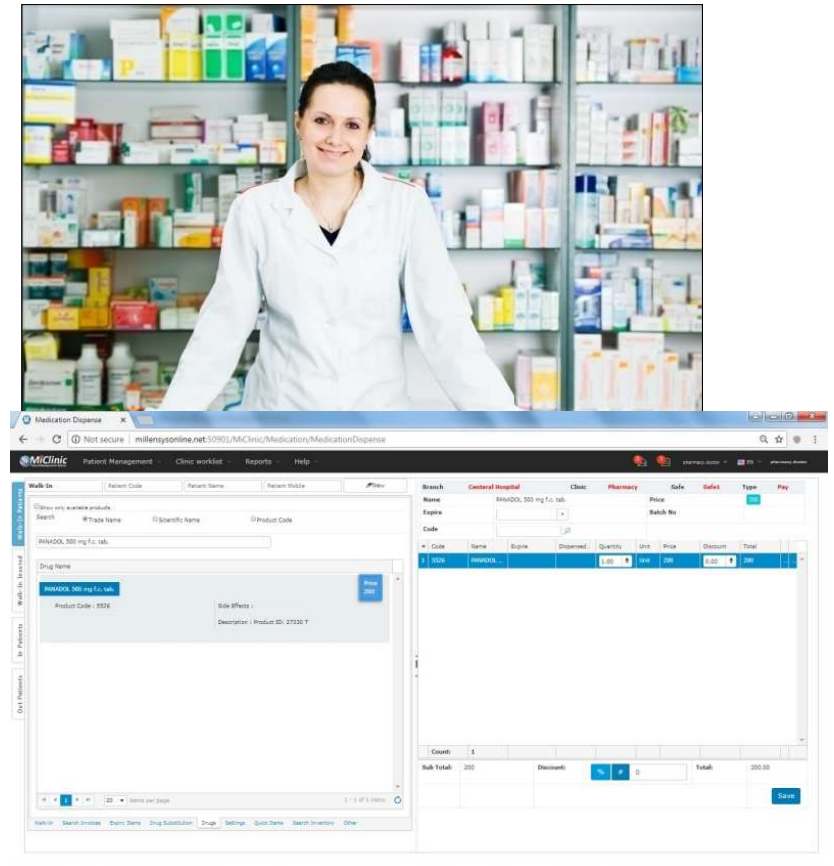
HEMATOLOGY

Test	Result	Reference Range	Result State	Chemist Notes	Doctor Notes	Verify By	Verified at	Accepted	Rejected
COMPLETE BLOOD COUNT (CBC)									
Panel comment									
CBC									
RBC	3.8	10x6/mm3 Normal : 3.8 - 4.8	Normal		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HGB	11.20	g/dl Normal : 12 - 15	Low		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HCT	36	% Normal : 36 - 46	Normal		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MCV	83	umc3 Normal : 83 - 101	Normal		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MCH	27	pg Normal : 27 - 32	Normal		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLT	149	10x3/mm3 Normal : 130 - 400	Low		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>
WBC	4.5	10x3/mm3 Normal : 4.5 - 10.5	Normal		Comment	Administrator	21/07/2018 08:46 PM	<input checked="" type="checkbox"/>	<input type="checkbox"/>

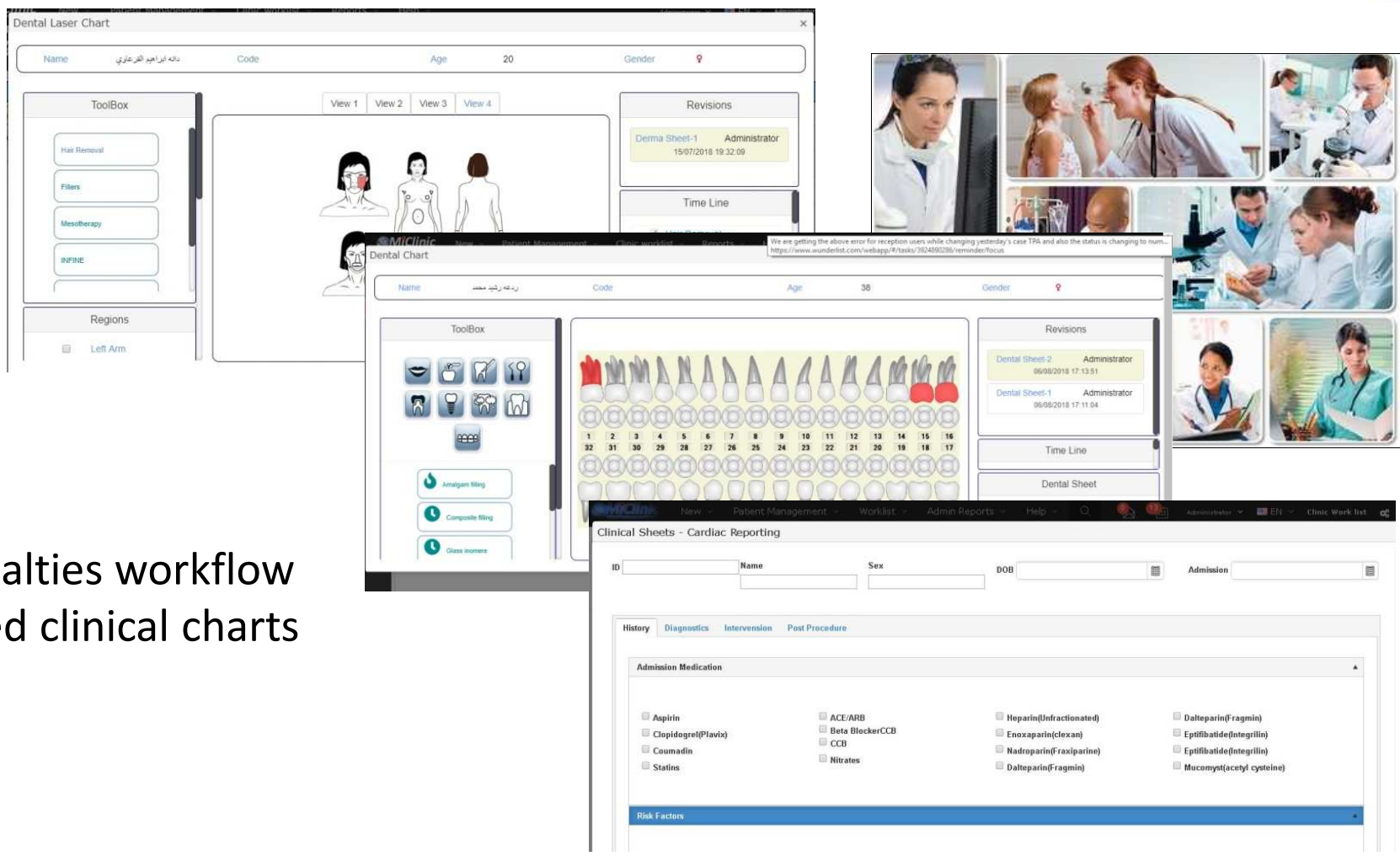
# MiClinic, EMR/EHR, (Pharmacy)



- Manage Drug dispensing for inpatients , out patients and walk-in patients
- E-Prescription ready
- Built In Drug Dose Calculator
- Drug-drug interaction
- Up-to-date drug database
- Support for multiple payment types
- Support for insurance / claims
- Built in Inventory management

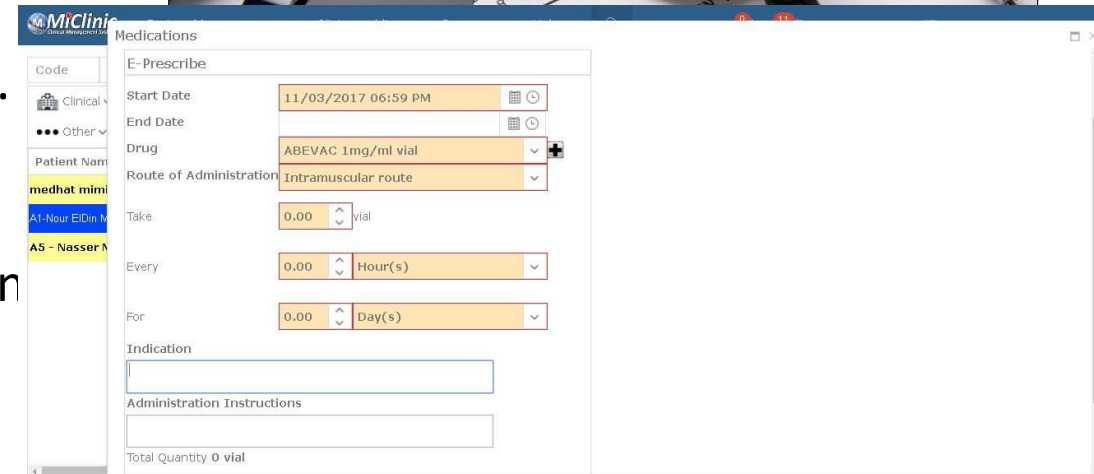


# MiClinic, EMR/EHR, (Specialties)



•Multiple specialties workflow with customized clinical charts designer

- Add medications, select from the available list of drugs or add a new one
- identify the dose, route of administration and the periodicity.
- give indications and type instructions to the patient
- System automatically calculate the total needed dosage
- Ability to import any Medical Drugs Database.
- Prescription templates are linked to clinic and services types for faster search
- Drug interaction checking with severity warnin

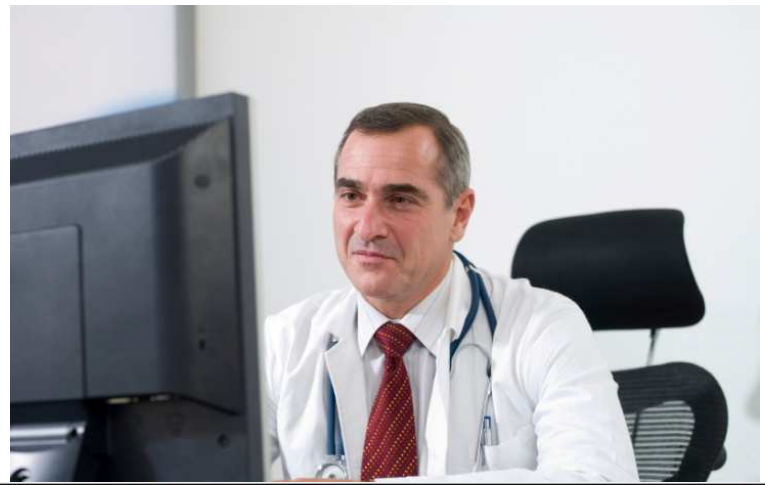
A screenshot of the MiClinic E-Prescribe form. The form is titled 'Medications' and 'E-Prescribe'. It contains several fields: 'Start Date' (11/03/2017 06:59 PM), 'End Date', 'Drug' (ABEVAC 1mg/ml vial), 'Route of Administration' (Intramuscular route), 'Take' (0.00 vial), 'Every' (0.00 Hour(s)), and 'For' (0.00 Day(s)). There are also fields for 'Indication', 'Administration Instructions', and 'Total Quantity' (0 vial). The form is displayed in a window titled 'MiClinic'.



# MiClinic, EMR/EHR, (Clinical Template based Report)

## Major Features

- HTML rich text reporting with full word processing features)
- Multiple report templates to select from according to user profile
- Categorize templates to multiple sections (i.e. CT templates, ultrasound templates , ....etc.)
- Upload new user templates from anywhere on the web.
- Configurable signature, automatically used when verifying the report.
- Customizable user defined financial reports.
- Supports variety of medical speech recognition\dictation



**Patient Name:** A1-Neur EIdin Mohamed Sobhy  
**Patient Code:** 2982  
**Age:** 14 Year  
**Gender:** Male

Report	Status	Creation Date	Rep
Report13044	Verified	23/02/2017 16:47:18	
Report13045	Verified	23/02/2017 16:55:21	

**Orthopedic report**

**PREOPERATIVE DIAGNOSIS:** Achilles tendon rupture, left lower extremity.

**POSTOPERATIVE DIAGNOSIS:** Achilles tendon rupture, left lower extremity.

**PROCEDURE PERFORMED:** Primary repair left Achilles tendon.

**ANESTHESIA:** General.

**COMPLICATIONS:** None.

**ESTIMATED BLOOD LOSS:** Minimal.

**TOTAL TOURNIQUET TIME:** 40 minutes at 325 mmHg.

**POSITION:** Prone.

**HISTORY OF PRESENT ILLNESS:** The patient is a 14 year-old African-American male who states that he was stepping off a hilt at work when he felt a sudden pop in the posterior aspect of his left leg. The patient was placed in posterior splint and followed up at ABC orthopedics for further care.

**PROCEDURE:** After all potential complications, risks, as well as anticipated benefits of the above-named procedure were discussed at length with the patient, informed consent was obtained. The operative extremity was then confirmed with the patient, the operative surgeon, Department Of Anesthesia, and nursing staff. While in this hospital, the Department Of Anesthesia administered general anesthetic to the patient. The patient was then transferred to the operative table and placed in the prone position. All bony prominences were well padded at this time.

A nonsterile tourniquet was placed on the left upper thigh of the patient, but not inflated at this time. Left lower extremity was sterilely prepped and draped in the usual sterile fashion. Once this was done, the left lower extremity was elevated and exsanguinated using an Esmarch and the tourniquet was inflated to 325 mmHg and kept up for a total of 40 minutes. After all bony and soft tissue landmarks were identified, a 6 cm longitudinal incision was made parasagittal to the Achilles tendon from its insertion proximal. Careful dissection was then taken down to the level of the pertendon. Once this was reached, full thickness flaps were performed medially and laterally. Next, retractor was placed. All neurovascular structures were protected. A longitudinal incision was then made in the pertendon and opened up exposing the tendon. There was noted to be complete rupture of the tendon approximately 4 cm proximal to the insertion point. The plantar tendon was noted to be intact. The tendon was debrided at this time of hematoma as well as frayed tendon. Wound was copiously irrigated and dried. Most of the ankle appeared that there was sufficient tendon links in order to do a primary repair. Next, #0 PDS on a taper needle was selected and a Krakow stitch was then performed. Two sutures were then used and tied individually from the tendon. The tendon came together very well and with a tight connection. Next, a #2-0 Vicryl suture was then used to close the pertendon over the Achilles tendon. The wound was once again copiously irrigated and dried. A #2-0 Vicryl sutures were then used to close the skin and subcutaneous fashion followed by #4-0 suture in the subcuticular closure on the skin. Steri-Strips were then placed over the wound and the sterile dressing was applied consisting of 4x4s, Kerlix roll, sterile Kerlix and a short length fiberglass cast in a plantar position. At this time, the Department of anesthesia reversed the anesthetic. The patient was transferred back to hospital Comment

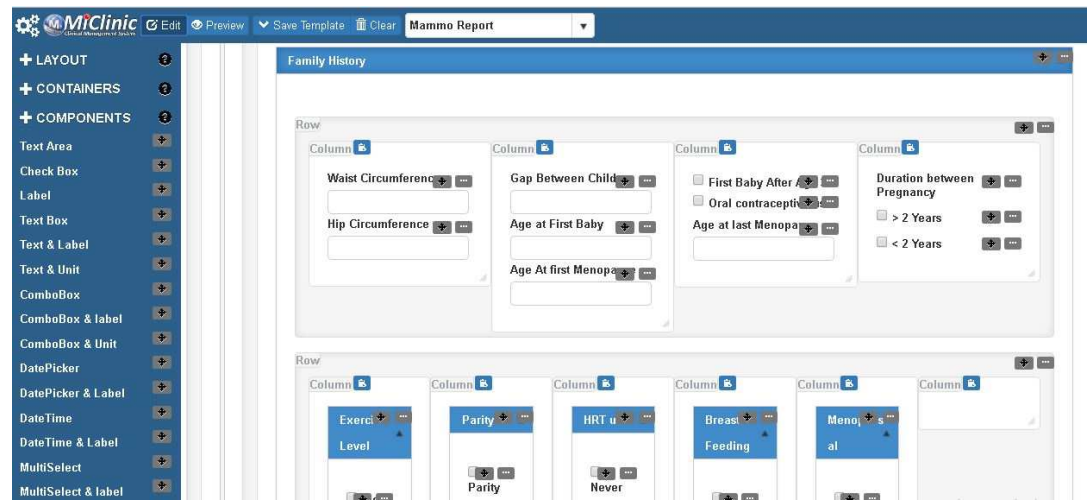
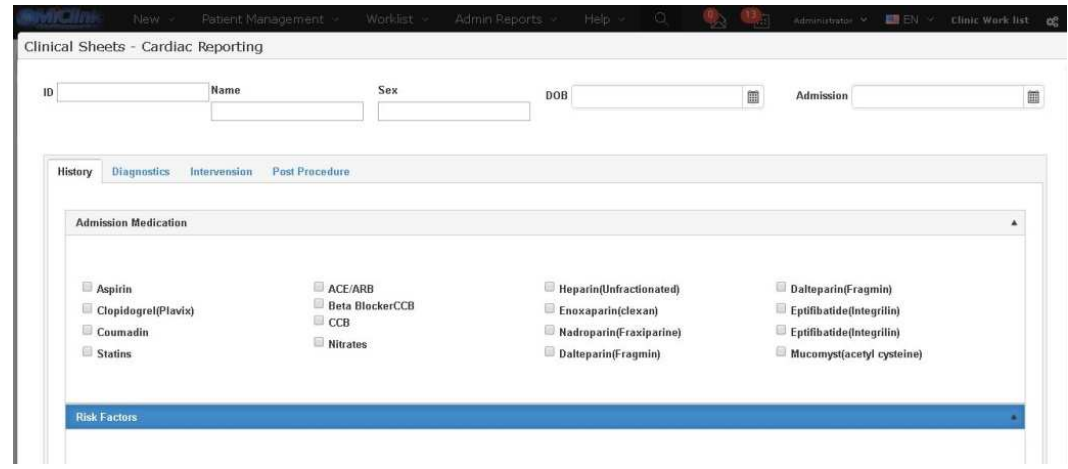


# MiClinic, EMR/EHR, (Clinical Sheets )



## Major Features

- Design\create\edit new worksheets to be added as a new screens to your workflow
- Dynamic layout settings
- Rich set of ready components to add to screens including edit boxes, drop down lists, date pickers, images...
- Dynamic data entry for metadata and predefined lists



# MiClinic, EMR/EHR, (User Participation)



- The system supports creation of participation plans which can be assigned to any group of users and any branch.
- Plan settings includes Clinics, service types, insurance company and contacts, percent and cash values in case of paid and insured service...
- Plans can be enabled\disabled
- participation can be applied automatically with Rule based on user event or manually from apply user participation screen
- RVUs are calculated automatically with participations



Users will be assigned to the selected Plan during the given interval.

User Name	Plan Name	Branch Name	From	To	IsActive
admin	ahmed ali te...	Taawun	11/03/2017 12:40 A...		true
admin	ahmed ali te...	Sharjah	11/03/2017 12:40 A...		true
admin	ahmed ali te...	Ras Al Khaimah...	11/03/2017 12:40 A...		true
admin	testpart	Taawun	11/03/2017 12:41 A...		true
tester	testpart	Taawun	11/03/2017 12:41 A...		true
ashraf123	testpart	Taawun	11/03/2017 12:41 A...		true
test1	testpart	Taawun	11/03/2017 12:41 A...		true
serafi	testpart	Taawun	11/03/2017 12:41 A...		true
engtaha	testpart	Taawun	11/03/2017 12:41 A...		true
april	testpart	Taawun	11/03/2017 12:41 A...		true

## Payments Features

- Supports installments, payment discounts, ..etc.
- Supports cash, insurance, check, visa, Mobile ...etc. payments.
- Support Payment with Multiple Currency.
- Generate a different accounting reports for the cash, check and visa payments.
  
- Link the exam with all additional services without adding it as new procedure (e.g. report and CD/ film delivery)
  
- Link the referring physician with a percentage of the procedure to produce a report for the physician's financial dues.
  
- Ability to change manually the percentage of the patient payment if the insurance gives this ability .



# MiClinic, EMR/EHR, (Insurance and E-claims)



## Features

- Supports insurance workflow
- Supports E-claims to insurance organizations
- Ability to integrate with 3<sup>rd</sup> party insurance billing system

The image shows two screenshots from the MiClinic software. The top screenshot is the 'New Claim' form, which includes fields for Claim Code, Account, Branch, Create Claims For, Claim Date, Organization, Currency, From date, Claim Month, Contact, and To date. A red box highlights the search criteria section. The bottom screenshot is the 'Claim Report' form, which includes fields for Organization, Contact, Branch, Code, From date, and To date. Red arrows point to the 'Claim' and 'Template' buttons.

The screenshot shows the MiClinic interface with a table of insurance claims. The table has columns for Code, Name, Status, Branch Name, Service, Referring, 12/07/20, 11/03/20, Insurer, Show, Search, Clear, Cut, and Advance. The table contains several rows of data, including columns for Change Status, Status Name, Scanned Docume..., Patient Name, Mobile, Insurance, and Approval Number.

Change Status	Status Name	Scanned Docume...	Patient Name	Mobile	Insurance	Approval Number	Insi
Select Status	DENIED	0	ahmed farahat		Al Buhaira Insurance Com...	123	test
Select Status	APPROVED	0	ahmed farahat		Al Buhaira Insurance Com...	123	test
Select Status	INITIALLY APPROV...		test fayed		Al Buhaira Insurance Com...	123	test
Select Status	UNDER PROCESS/0		test millensys6543...23545679877		Al Buhaira Insurance Com...	123456	dfhgf
Select Status	APPROVED	0	hah ma		Al Buhaira Insurance Com...	12345	
Select Status	APPROVED	1	test fayed		NETLIFE 2	987654321	qweq
Select Status	UNDER PROCESS/2		dsf dsf	3498778	Next Care	1234567891	qweq
Select Status	APPROVED	0	charlie test		NETLIFE 2		qweq
Select Status	APPROVED	0	ahmed farahat		Al Buhaira Insurance Com...	22	test
Select Status	APPROVED	0	test insurance app		Al Buhaira Insurance Com...		fff
Select Status	INITIALLY APPROV...		ahmed syam	5666666	Al Buhaira Insurance Com...	12356545	SSS

## Major Features

- Management of supply chain accounts (e.g. Suppliers)
- Supports FIFO, LIFO, Average and Manual withdrawal .
- Items pre-expiration Alarming.
- Support multiple inventory structures (e.g. Main , Sub)
- Automatic withdrawal of consumables from inventory when finishing examination.
- Identifying unit and total cost/sales price of each item
- Multiple statistical analysis charts.
- Customizable user defined financial reports.

## Statistical Reports Samples

- Suppliers and item prices, ...etc.
- Stocktaking
- Request limit
- Item Pin card
- Inventory returns
- Consumption report



# MiClinic, EMR/EHR, (Billing / Financial Analysis)

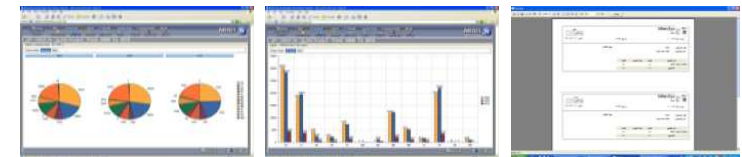


## Major Features

- Different price list according to (year, insurance or cash)
- Multiple payment methods (cash, visa, check, insurance)
- Standard consumables can be bind with procedures

## Statistical Reports Samples

- **Working shift** closing report.
- General Income Report (daily, monthly, ..etc.).
- Insurance Company Claims report.
- Debtor Patients report.
- Discounts Report.
- Referring physicians sent cases.
- Performing physician's contribution.
- User contribution reports.
- Patient total service time report  
(e.g. time taken of each service done for the patient).
- Overtime working users report.
- Multiple statistical analysis charts.
- Customizable user defined financial reports.

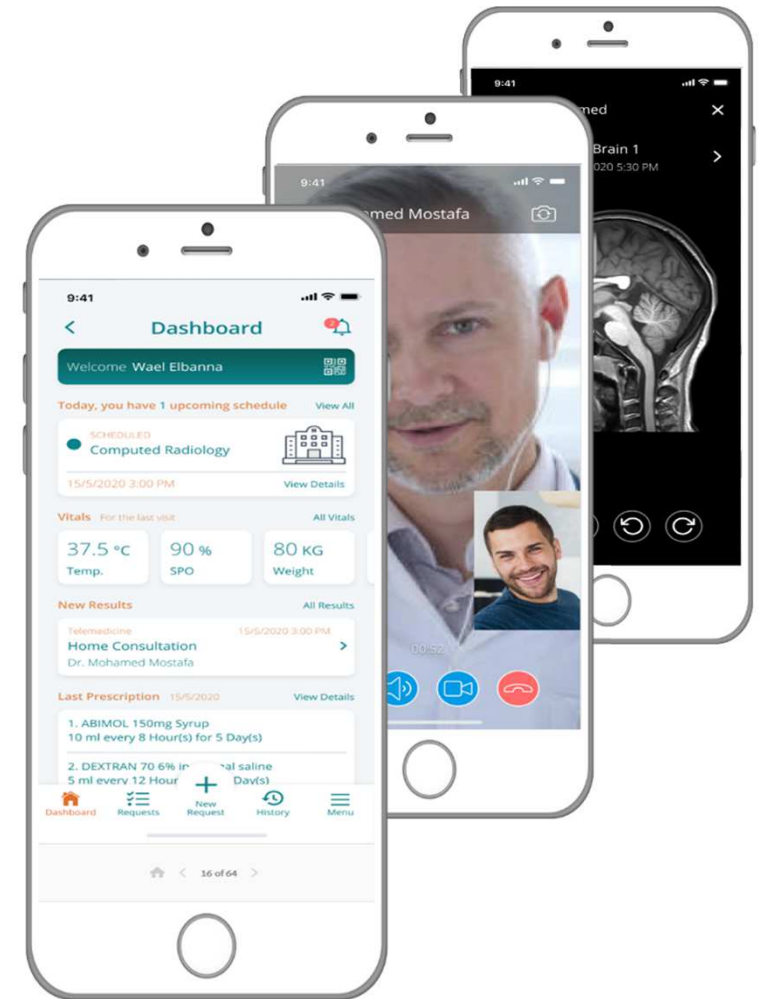


# MiClinic, EMR/EHR,( Mobile Application)



## General Features

- Supports IOS, Android Mobile phones
- View Patient clinical data, prescriptions, radiology, lab results...
- Online request for scheduling a visit which will be added automatically to the call center queue.
- Review the previous visits ,results and have the ability to download them.
- Integrated with Millensys Workspace PACS system from which the user can view and download their radiology images and reports.

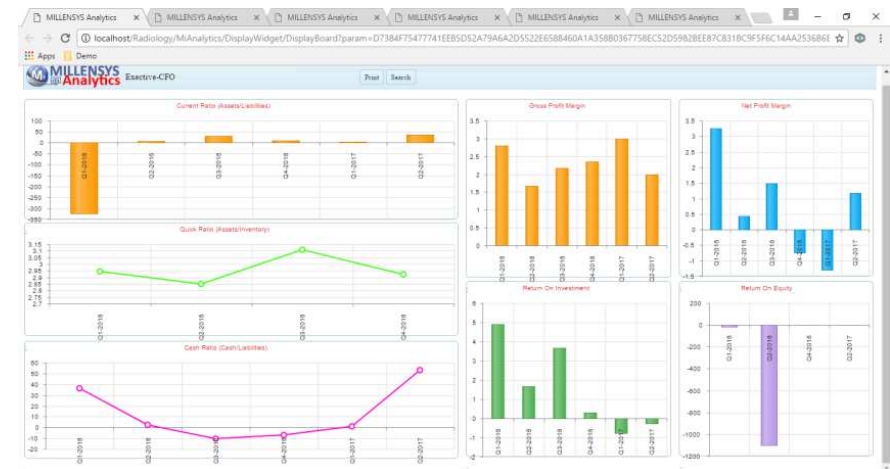
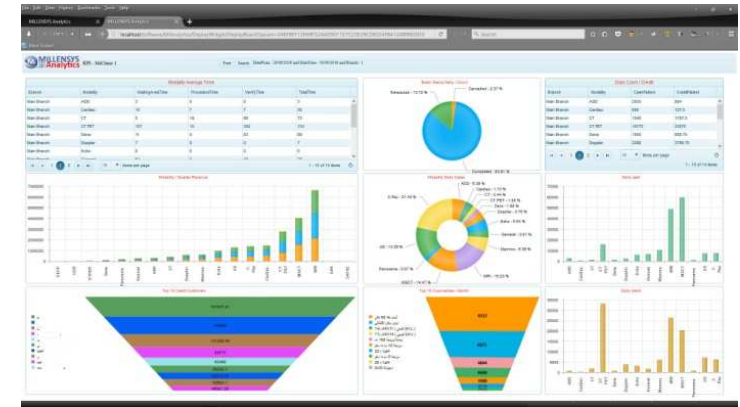


# MiClinic, EMR/EHR, (MiAnalytics)



## Major Features

- Fully Web Based business Intelligent software
- Work with data Source (can be integrated with any software )
- Create Dash Board
- Create Visual Analysis
- Work with any Device (PC, Tablet , IPAD,smart phone ...)
- Design database queries with external variables
- Design multiple Widgets and attach them with query with many styles (graphs , grids , reports , ..etc).
- Design multiple screen layouts to suite your dashboard.
- Generate complex dashboards screens containing multiple widgets.
- Print boards with multiple layouts.
- Manage all your boards from one place





**MiClinic**  
EMR/EHR



**Thank You**

[www.millensys.com](http://www.millensys.com)