About
BARQ Systems

- Established in the year 2011

- Is a complete healthcare software solution provider

- Complete ERP solutions for Hospitals,Polyclinics, Pharmacies and Laboratories

- Support centers in Qatar and India

- Opening support centers in Singapore, Europe and Far East countries in the near future

- Global development centers in India and Singapore

- We are utilizing 33% of our profit only in our R&D for future enhancement and research

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Product Benefits

- System enables your Hospital to better serve their patients.

- Improved quality of patient care & increased nursing & doctor's productivity.

- Reducing the time spent by staff filling out forms, freeing resources for more critical tasks.

- Web based Centralized System.

- Work with different operating systems (Windows, Mac (Apple), Linux etc), iPhone and Android operating system based mobiles and tablets.

- Supports automated electronic claim management

- Software supports SMS integration and Email

- Zero configuration on workstation / client units, which saves technical support expenditure, time requirement for workstation configuration for each user.

BARQ Features

Implementation

BARQ's implementation team works side by side with you to make sure the project meets your goals and stays on time and on budget.

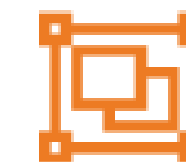## Training

BARQ's team provides customized peer-to-peer training, and resources for go-live and beyond, you'll become confident owners of the system.

Ongoing Services

After you are live, our engineers close to you to make sure you are happy users of the software and get the most that you can out of it.

Continuous Improvement

Our team provides advice and assistance on performance improvement, value from data, monitoring, and regulatory support.

Guaranteed Works

At Sapiens we make sure our products are guaranteed

Technical Services

You get designated 24/7 support, system monitoring and regular check-ups to ensure your long-term success and improvement.

Core Components & Modules

- Front Office Suite
- Admission, Discharge and Transfer
- Module
- Insurance Management
- Medical Billing System
- E-claim Management
- Lab Information System
- Radiology Information System
- Pharmacy Management
- Dietary Management
- Finance Management
- MIS Reports
- Inventory Management System

- Electronic Medical Record (EMR)
- Computerized Physician Order Entry (CPOE)
- Nursing Information System
- Operation Theatre Management
- E-prescription
- Infection Control
- Central Sterile Supply Department (CSSD)
- Canteen Management
- Audit Trails
- Dashboards
- Business Intelligence Reports

Front Office Suite

Front Office Suite facilitates patient registration, appointment scheduling, consultation and biometric identification. The system allows patients to request appointments with physicians and captures relevant demographic data. It helps staff in issuing patient ID cards and generates a unique patient medical record number for easy identification.

- Multi-location registration
- Built-in insurance and corporate management system
- Barcode management system and smart card facility
- Touch screen kiosk
- SMS/e-mail reminders
- Unique Queuing Systems - No waiting model
- Integrated point of care billing

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Nursing Information System

This module optimizes the nursing services with respect to the execution of orders from CPOE. NIS manages clinical data from a variety of healthcare environments made available in a timely and orderly fashion to aid nurses in improving patient care.

Serves as a one stop solution for all activities of the nursing staff

Incorporates all the aspects such as nursing assessment, nursing plan, drug administration, nursing memo/note, nursing worksheet, body temp chart, nursing tabulation chart, nurse duty roster, nursing rhythm chart

Clinical whiteboards integrates real-time scheduling with EMR integration to enhance nursing work flow

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Electronic Medical Record (EMR)

↗ Keeping detailed patient medical records for continuing patient care is of utmost importance in any healthcare organization. EMR is designed as a powerful, flexible and easy-to-use clinical information system targeting point-of-care, decision support and research uses

↗ Instantaneous access of patients records, lab results, radiology reports and images and easy referral of patients

↗ Increased conformation to international standards in reporting and documentation

↗ Saves clinician's time by minimizing data entry through intuitive documentation

↗ Facilitates physician mobility without compromising data accessibility or security

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Insurance Management (E-Claim)

The Insurance Management module handles all the activities that are related to the insurance provider. Multiple options are provided to accommodate all the types of insurance packages. Multiple insurance schemes can be assigned for a single patient. Periodic population of the insurance packages can be done seamlessly.

- Clinical Decisions Support System
- E-Claim auto submission facility
- Member verification facility
- All electronic claim forms
- Auto reconciliation facility
- Resubmission facility
- Auto pre-approval facility
- Auto verification of claims

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Computerized Physician Order Entry (CPOE)

The Computerized Physician Order Entry (CPOE) module allows orders to be entered and electronically transmitted from the point of origin to the point of patient-services. Order entry includes laboratory orders, radiology orders, procedure orders and medication orders for both inpatients and outpatients. CPOE alerts various interactions like: drug – drug interactions, drug-food interactions, drug interactions with lab test, allergies to drugs, drug interactions in pregnancy and contraindicated drugs. Clinical decision support system reduces the work of healthcare organizations and reduces clinical errors.
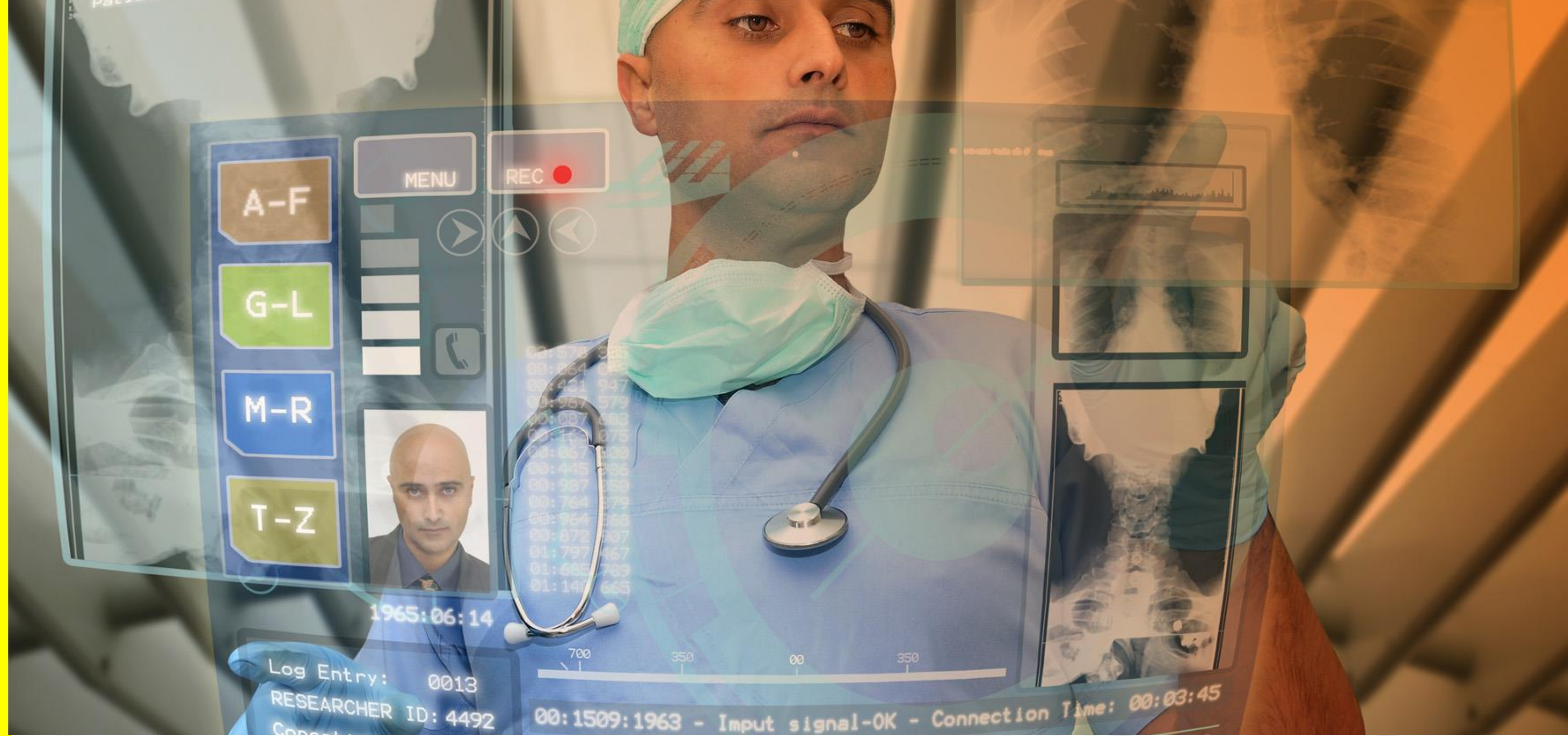
Lab Information System (LIS)

This module caters to the requirement of clinical biochemistry, clinical pathology, microbiology, immunology etc. The LIS streamlines all the process at the lab right from sample collection to result entry, authorization and despatch.

- The lab machines including the auto analyzers are interfaced with the hospital information system and their complete operations are automated without human intervention

- HL7 standards incorporates the ability to receive data from other lab machines

- Sample management system creates barcodes and tracks the samples of blood, saliva, urine etc.

- Generates automated results from various laboratory machines and updates patient records.

- Ability to handle large number of specimens without compromising on safety

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Radiology Information System / PACS

Radiology information system module manages the functions of radiology and imaging services. The module manages the maintenance of various results derived from diagnosis and reports the result to the concerned departments. RIS processes radiology orders, tracks the investigation status, records reports and does the integration of digital images.

Records, stores, manages and accesses all varieties of multimedia content – from images to videos

Integration facility with PACS system ensures easy storage and retrieval.

The provision to attach images and radiology reports to the patients' medical records facilitates simultaneous view of both.

Due authorization process enforced by the software ensures that the results are accurate

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Medical Billing System

A bill includes services, materials, pharmacy, consultation, laboratory and other additional and incidental charges. All cash and credit transactions with the patients are billed using this billing system module. Billing system brings out all the services billed into a common billing format, which has to be presented to the patient before he leaves the hospital.

- OP/IP Billing
- Consolidated billing of procedures and other services can be done
- Generation of provisional bills
- Advance/deductibles collection
- Normal/corporate/insurance bill generation and settlement
- Immediate generation and payment of bills
- Reimbursement of cancelled bills quickly and correctly

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Operation Theatre Management

- All the major activities under the operation theatre are monitored by this module. This module helps in managing the entire activities of the operation theatre right from patient scheduling to the transfer to the wards after the surgery.

- Schedule the allocation of operation theatres and operating teams systematically.

- Recording details of an operation including list of surgeons, attending nurses, operation notes, nursing notes, operating time etc.

- The module connects the OT to blood bank, pharmacy, consumables and investigation centres. The module also links up with the accounting and financial module

- Template driven OT notes helps maintain all the details of any procedure conducted in the OT.

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Admission, Discharge And Transfer Module

- This module forms the core of the in-patient treatment and monitoring functions. It tracks the movement of the patient when the patient is admitted in a ward, shifted to another ward and discharged from the hospital

- Helps in ward management like allotment of rooms, room transfer, room holding, and room status maintenance (like vacant, cleaning, maintenance)

- Improve bed management by making reservations, moving patients from room to room and discharging patients from a single view

- All services from laboratory, pharmacy and operation theatre etc., are handled through this module from the nursing station.

Financial
Accounting

- Manage Hospital Chart of Accounts
- Verification & Posting of Center's Daily Transactions
- Voucher Entry (Journal/Contra, Single/Double)
- Receipts & Payments (Cheque, TT & Cash)
- Bank Reconciliation
- Incentive Calculation Module (Doctors, Referral Hospitals, Etc.)

- Profit & Loss Statement
- Cash Flow Statement
- Trial Balance Report
- Balance Sheet Report (IFRS Standard)
- Asset Management
- Cost Center wise Management

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Pharmacy Management System

- Health Insurance Management Module
- Billing Module (Cash, Insurance and Corporate)
- Sales Management Module
- Inventory Management Module
- Purchase Order Creation
- GRN Creation

- Purchase Invoice
- Stock Adjustment
- Stock Monitoring
- E-prescription
- Drug Prescription Monitoring
- E-Approval
- E-claim Management

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HR Management System – EIS

- Alert System
- Employee Information
- Office Management
- Hierarchy Setup
- Performance Management
- End Of Service Calculation
- Loan Management
- Document Management
- KPIs
- WPS System

Leave & Payroll Management

- Alert System
- Leave Application
- Leave Approvals
- Leave Joining
- Machine Integration
- Pay Slip
- End of Service Benefit
- Finance Allocation
- Salary Management
- Incentive Management

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Inventory Management System

- Ware House Management Module
- Approval Flow
- Department Wise Inventory
- Supplier Management
- Material Request and Issuing
- Consumption Management
- PR/ PO / GRN / Purchase Invoice
- Stock Adjustment
- Purchase Accounting
- Stock Monitoring

Inventory Management is a fully integrated module covering the main and sub functions of pharmacies as well as stores. The central store as well as the peripheral stores can be monitored and the stock of inventory managed according to the demand.

Central Sterile Supply Department (CSSD)

- Central Sterile Supply Department is a crucial unit of a mid-sized or large hospital. Its main function is to provide sterile items, linen, equipment to wards, OPD, OT etc. CSSD module performs a crucial function of maintaining the records of sterile supply in the hospital.

- It allows managing various functions of CSSD department such as collecting, decontamination, assembling, packing, sterilizing, storing and distributing a multiplicity of goods and equipments to areas in the hospital that provide patient care such as sample collection, operation theatres etc.

- It automates the process of managing and tracking supplies to and from every department. It is easy to implement hospital Infection control policy through the CSSD module.

CSSD Management

- OR
- Cleaning and disinfection
- Prep and pack
- Sterilization
- Sterile stores

Infection Control

The infection control suite is a novel package that tracks all the hospital acquired infections throughout the year. This module helps the management in tracking and controlling the outbreaks of hospital acquired infection. It is linked up with the wards, the OT, labs and the ICU. The beauty of the module is that it detects the hospital acquired infection automatically and analyses the results.

- Identification of outbreaks of Hospital Acquired Infection

- It identifies the source, the organism causing hospital acquired infection and the risk factors.

- The exact location of the outbreak of an infection can be identified and the patients traced

- Identify the patients who shared the ward and occupied the bed after the outbreak was identified
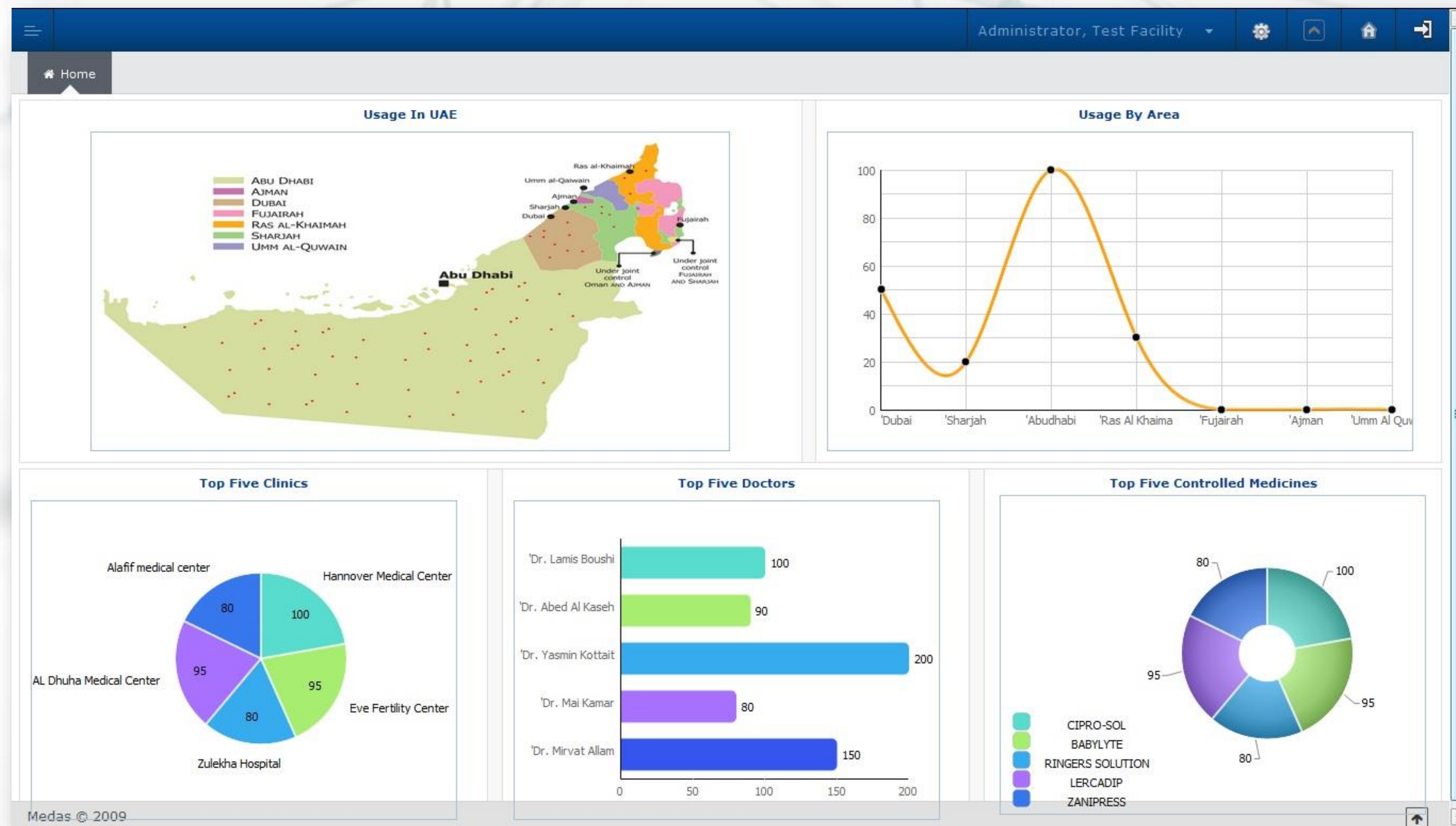
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Integration Services & Add Ons

- Artificial Intelligence
- Wearables Integration
- Chatbot Integration
- Patient Portal
- Web Reporting System
- Mobile Apps
- Clinical Pathways
- HL7 Integrations with Biomedical Equipment's
- Chronic Decease Management

- Third Party Application Integration
- Business Intelligence
- Drug to Drug Interaction
- Q System Interfacing
- Online Appointment Facility
- PACS Integration
- KIOS and AVAYA system integration
- Feedback Management
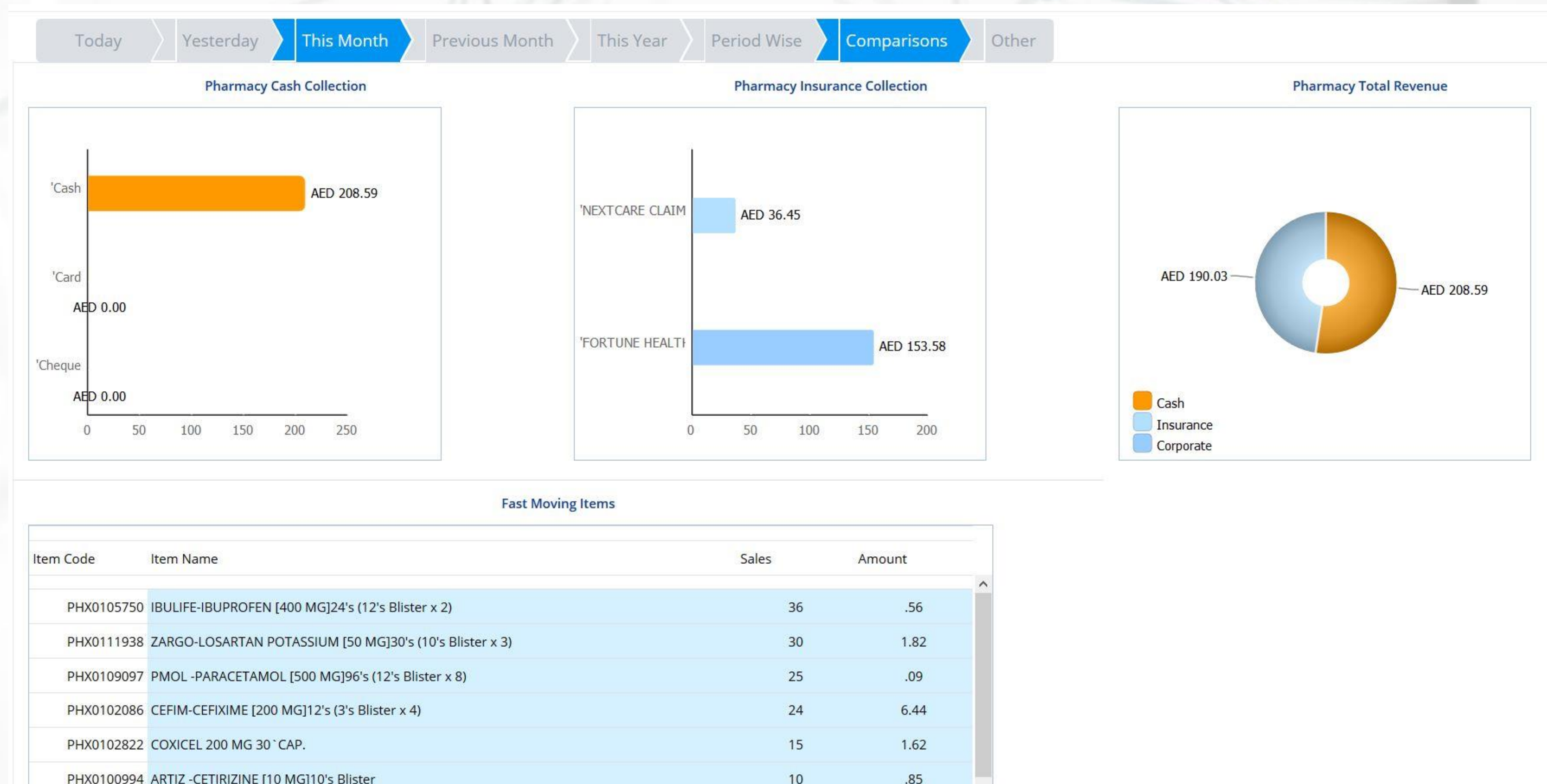- CRM System
- SMS & Email Integration

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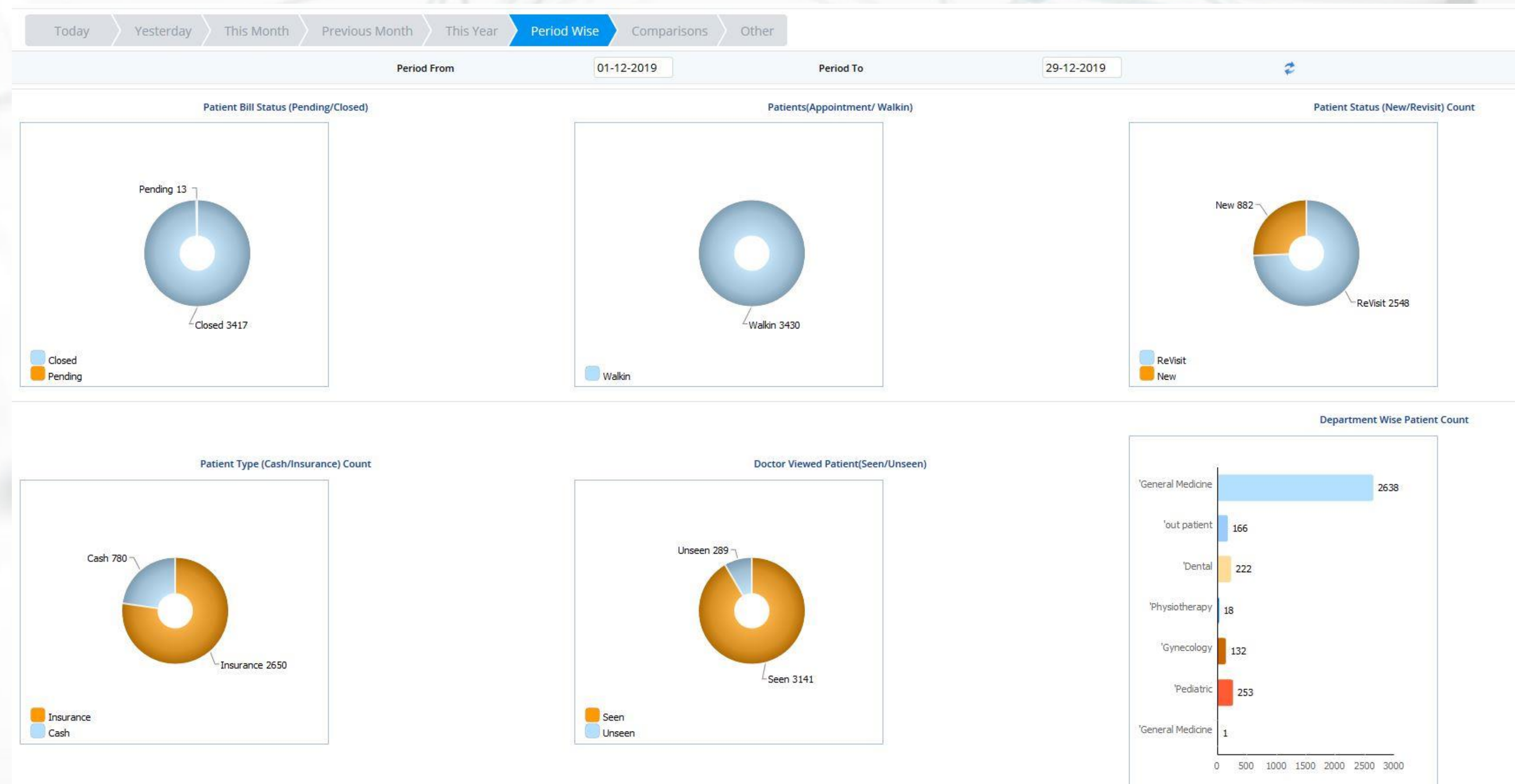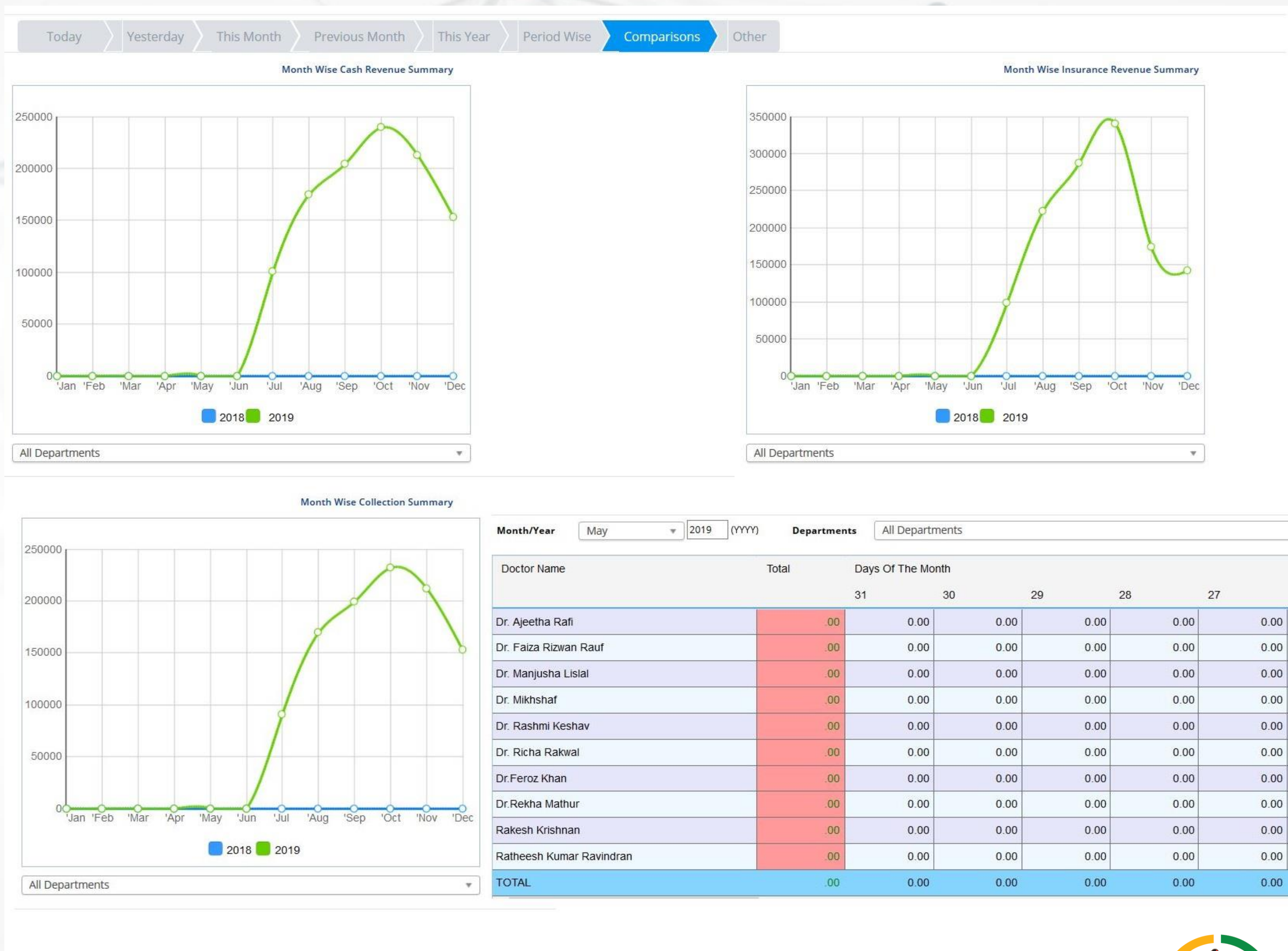# Dashboards

Dashboards Conti...

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Pharmacy Cash Collection

- 'Cash — AED 208.59
- 'Card — AED 0.00
- 'Cheque — AED 0.00

Pharmacy Insurance Collection

- 'NEXTCARE CLAIM — AED 36.45
- 'FORTUNE HEALTH — AED 153.58

Pharmacy Total Revenue

- AED 190.03
- AED 208.59
- Cash
- Insurance
- Corporate

Fast Moving Items

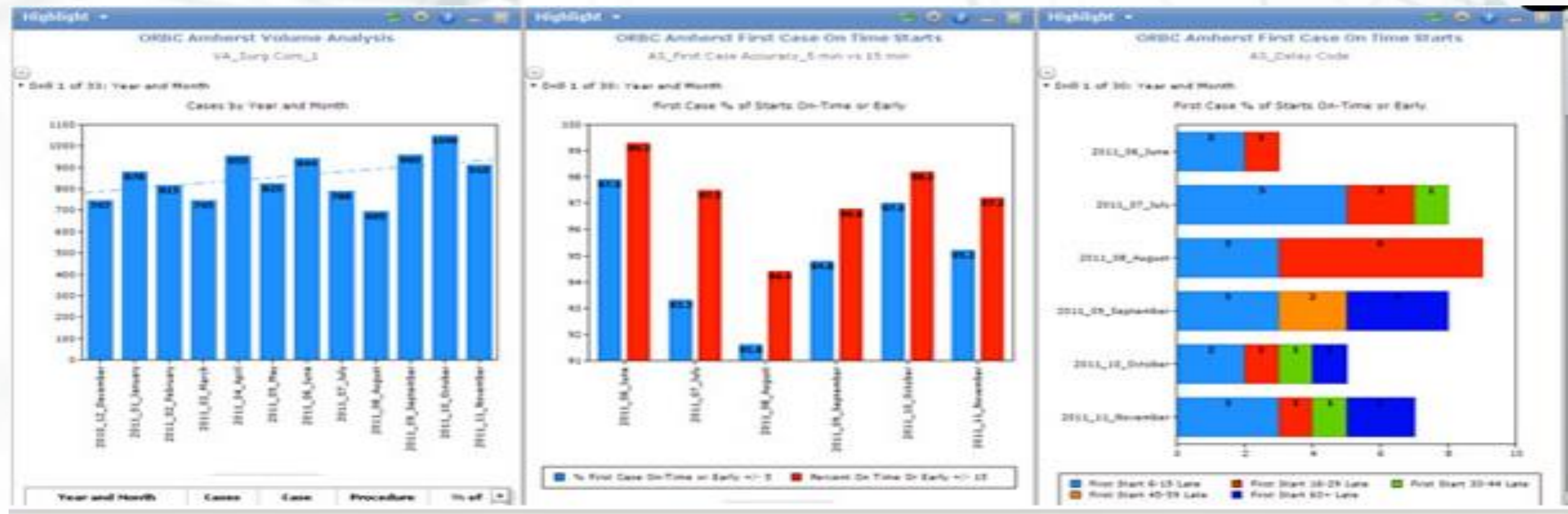| Item Code	Item Name	Sales	Amount
PHX0105750	IBULIFE-IBUPROFEN [400 MG]24's (12's Blister x 2)	36	.56
PHX0111938	ZARGO-LOSARTAN POTASSIUM [50 MG]30's (10's Blister x 3)	30	1.82
PHX0109097	PMOL -PARACETAMOL [500 MG]96's (12's Blister x 8)	25	.09
PHX0102086	CEFIM-CEFIXIME [200 MG]12's (3's Blister x 4)	24	6.44
PHX0102822	COXICEL 200 MG 30`CAP.	15	1.62
PHX0100994	ARTIZ -CETIRIZINE [10 MG]10's Blister	10	.85

Dashboards Conti...

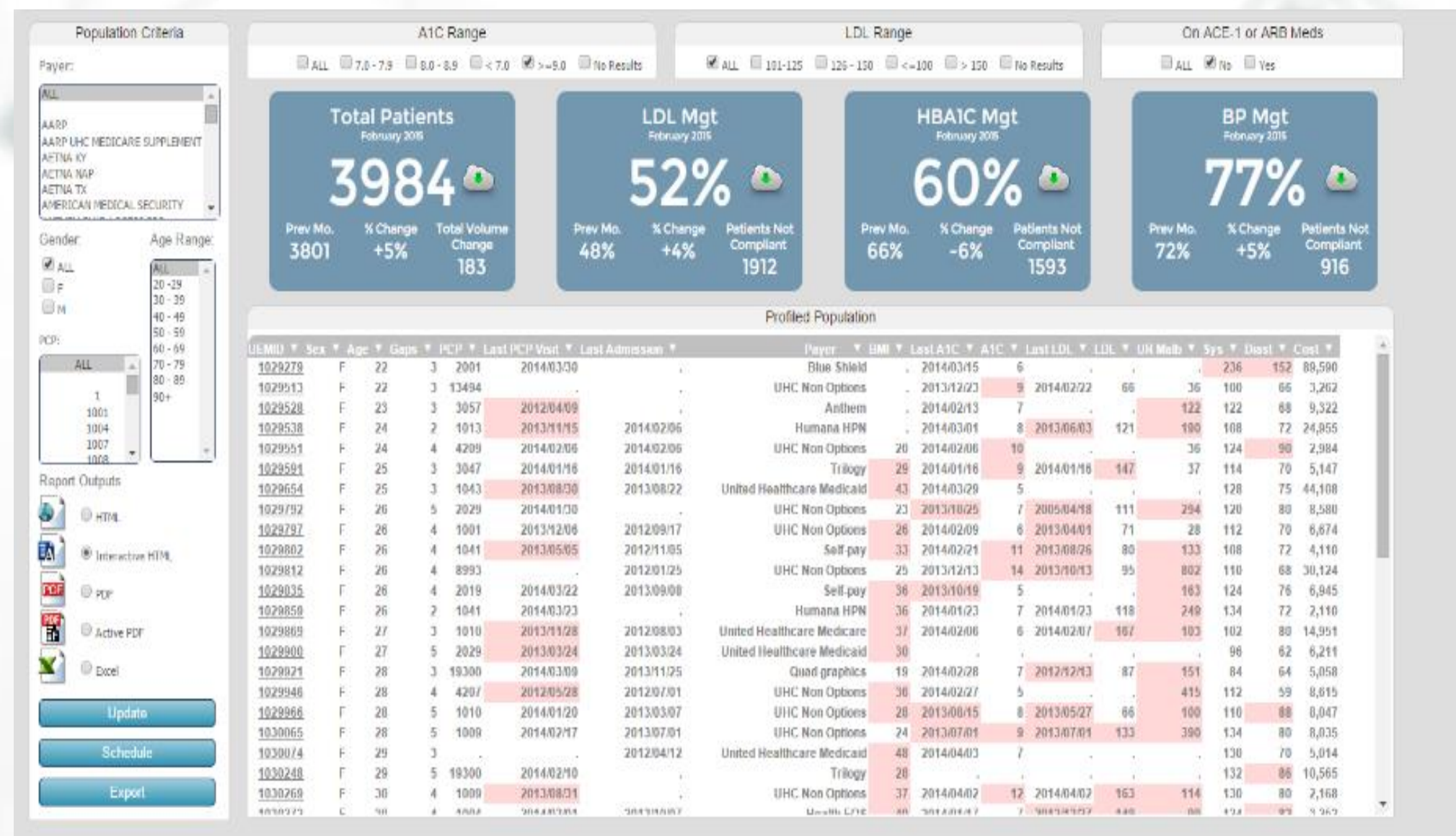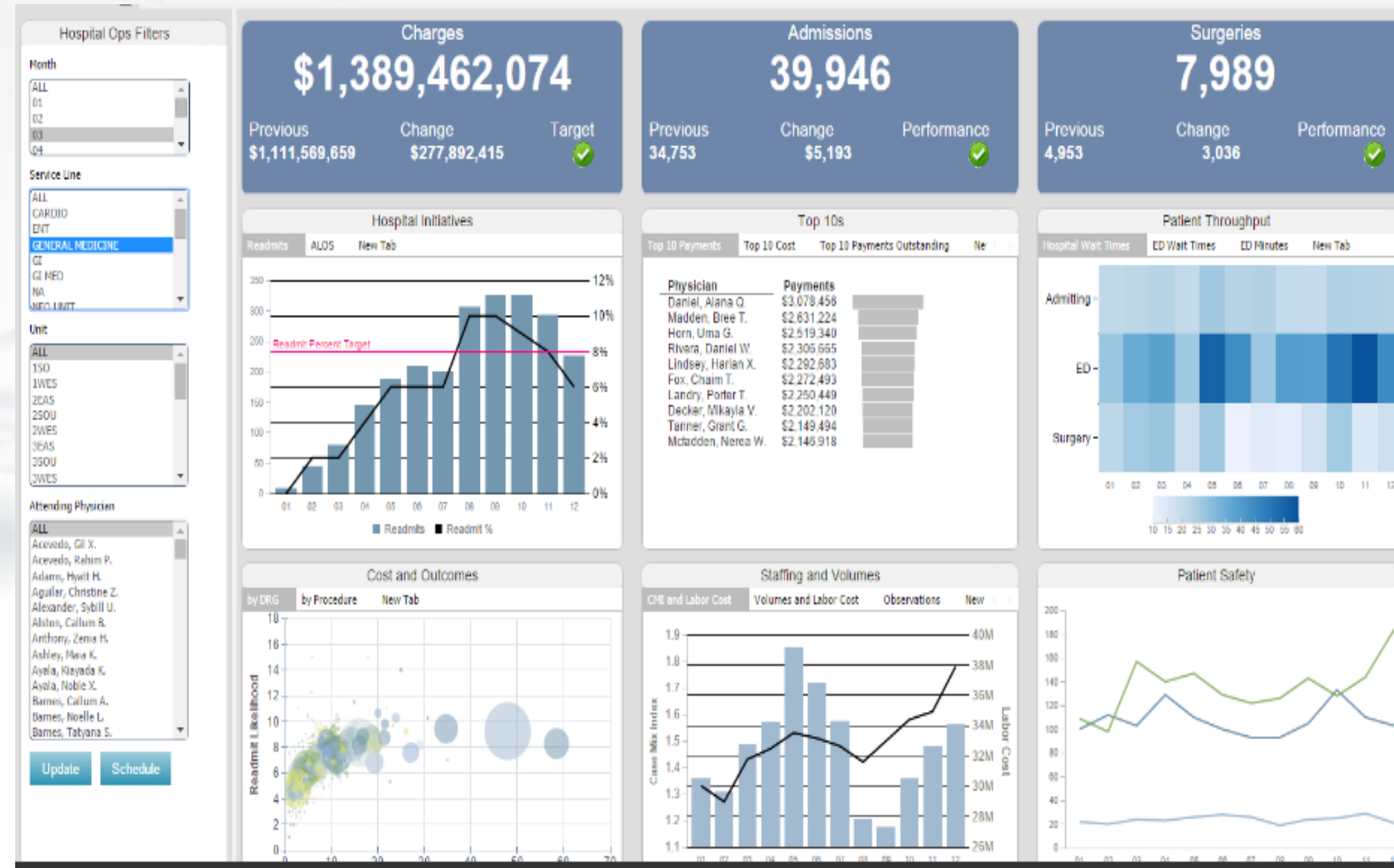# Dashboards Conti...

Business Intelligence Reports

Business Intelligence Reports

Our **Offices**

QATAR

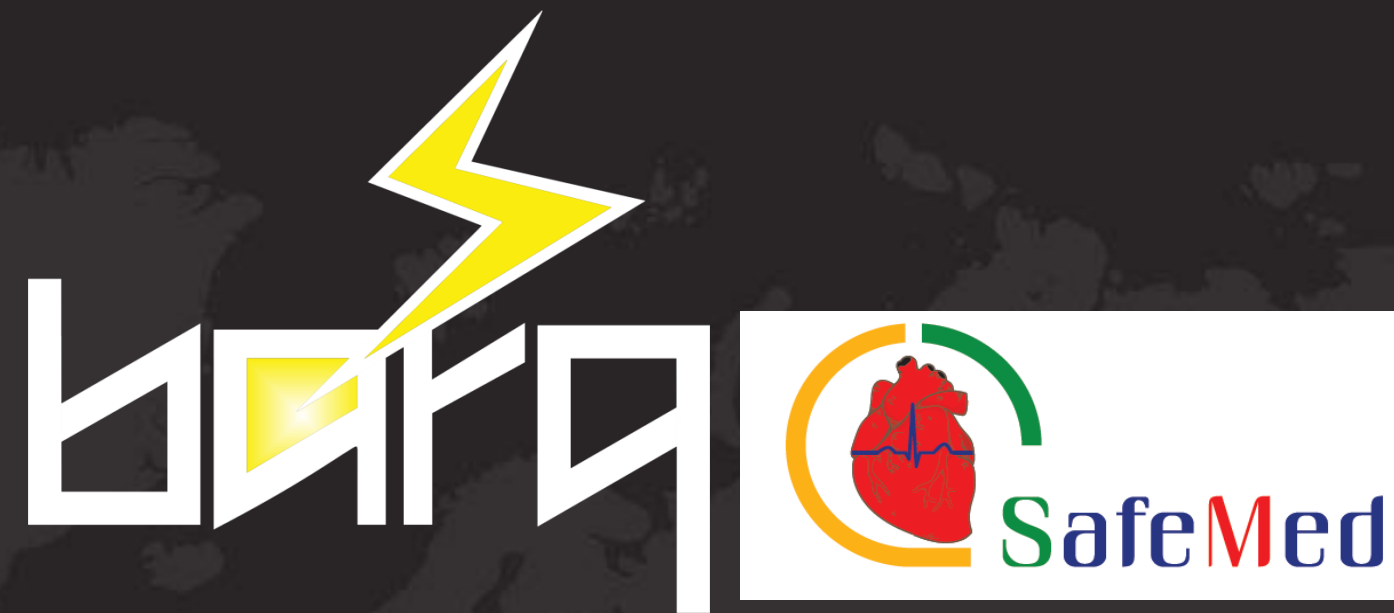Barq Group, Al Gharafa, Doha, Qatar, PO Box No. 20917

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Thank you