

Ministry

Ministry of Labour, Health and Social Affairs

11 Department

5 Agency

5 LEPL



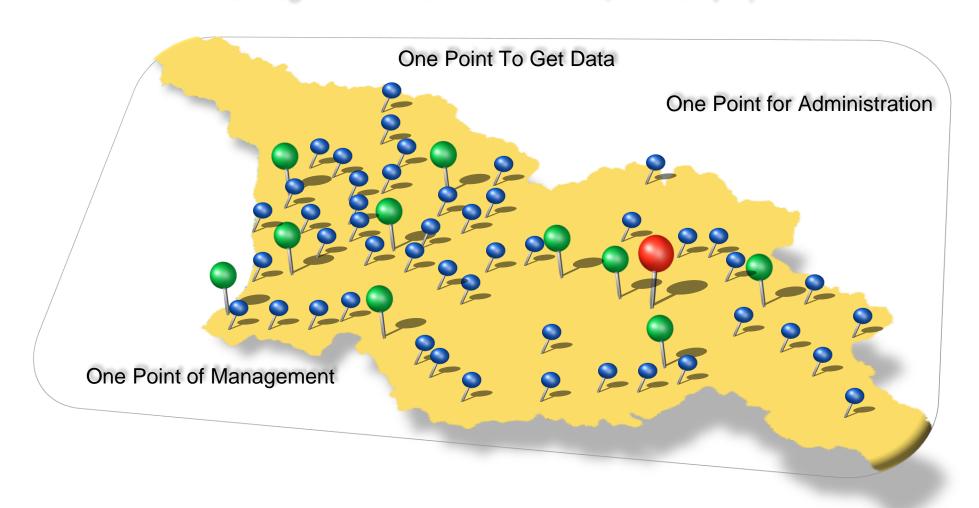
20 Regional Office

62 District Office

Network

MoLHSA's Global Network (GGN)

20 Regional and 62 Disctrict Offices, 3400 Employee



Georgia Health System – Quick Facts

Mix of state and private funded schemes covering 98.3% of population.

Total Population

4.48 million

State Funded Healthcare Schemes (beneficiaries):

- Universal Health Care Program (UHC) 2M
- State funded health insurance program 1.5M
- Other state funded healthcare programs 232K

Private/corporate Schemes:

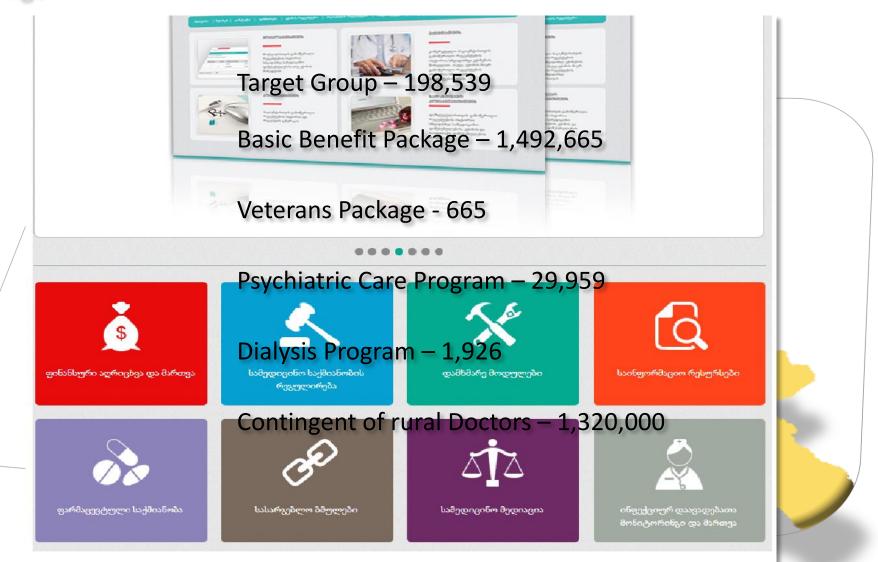
- Private voluntary health insurance 653K
- Health Insurance Companies 12

Health Service Delivery Capacity:

- Hospitals 267
- PHC Units 390
- Rural doctors 1400

eHealth Modules (HMIS)

ehealth.moh.gov.ge



Ratinale for Building the HMIS

Problems



1. Data quality and standardization issues

- Double data
- Different Standarts



2. Information asymmetry and fragmentation

- Defferent Data Flow
- ...



3. Limited data for informed policy

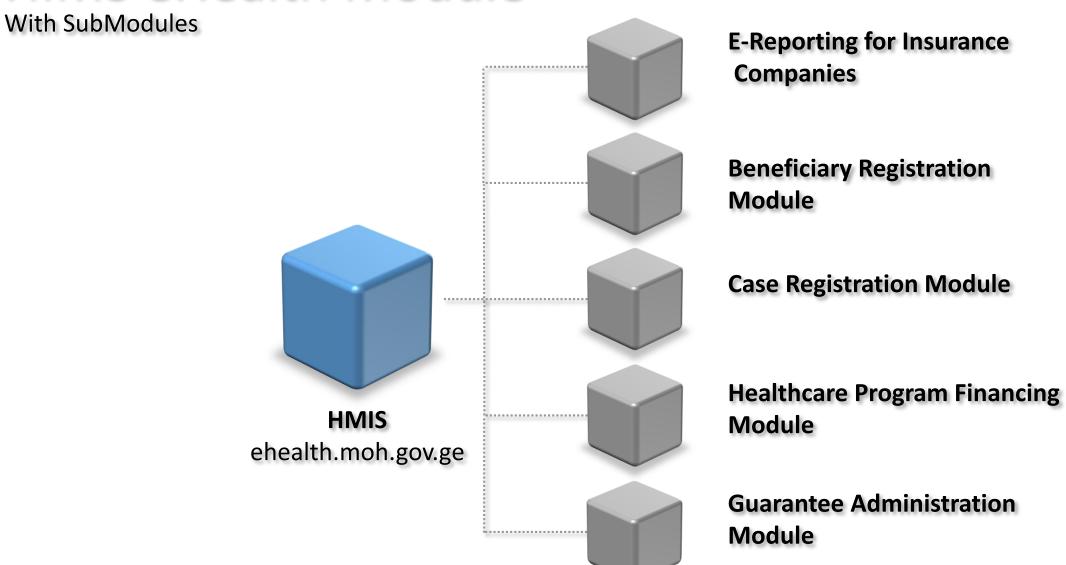
- Decision-making
- ..



4. Limited administrative resources

- ...Need For Optimization
- ...

HIMS eHealth Module



Why HMIS Matters?

Purpose of HMIS

System Benefits





HMIS Coverage and Impact

Users of the HMIS

- 80% of hospitals and PHC units
- 100% of rural doctors
- >39K doctors registered
- 7000 active unique users

Unique patients served

1,794,548 patients

Fiscal impact (last 5 months)

- >\$16M reimbursed to health facilities
- >93K beneficiary duplications eliminated resulting in savings of \$61K

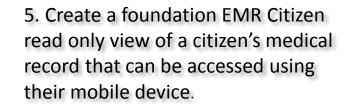
EMR

cEMR Project Objectives

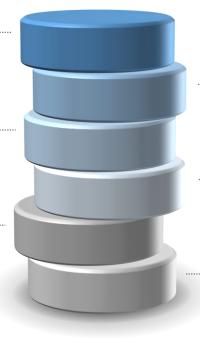
Phase -1

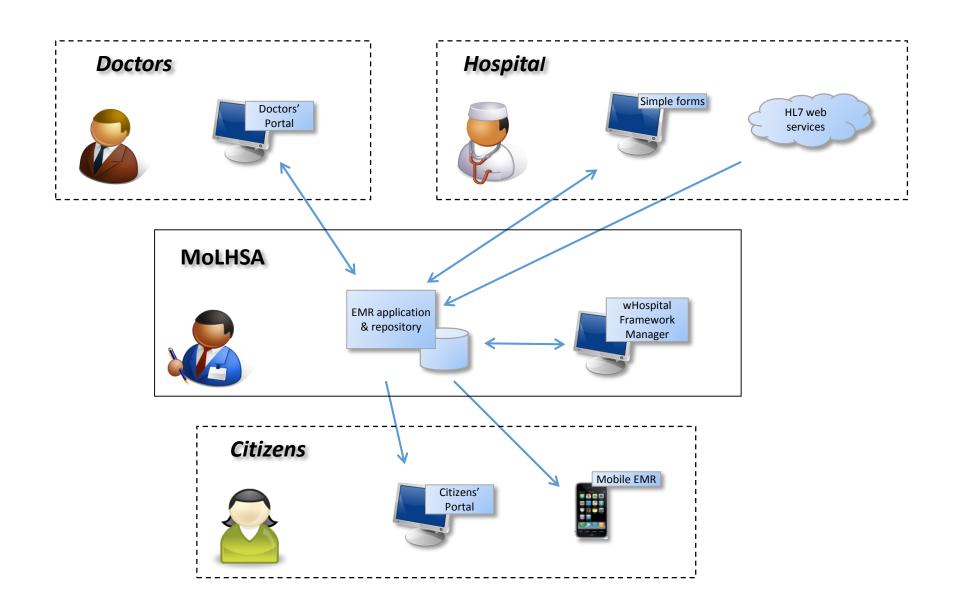
Deliver an effective solution that can be replicated

- 6. Provide Train the Trainer Training
- 4. Create a foundation GP portal as defined in workshops
- 2. Enable the collection of patientrelated activity data

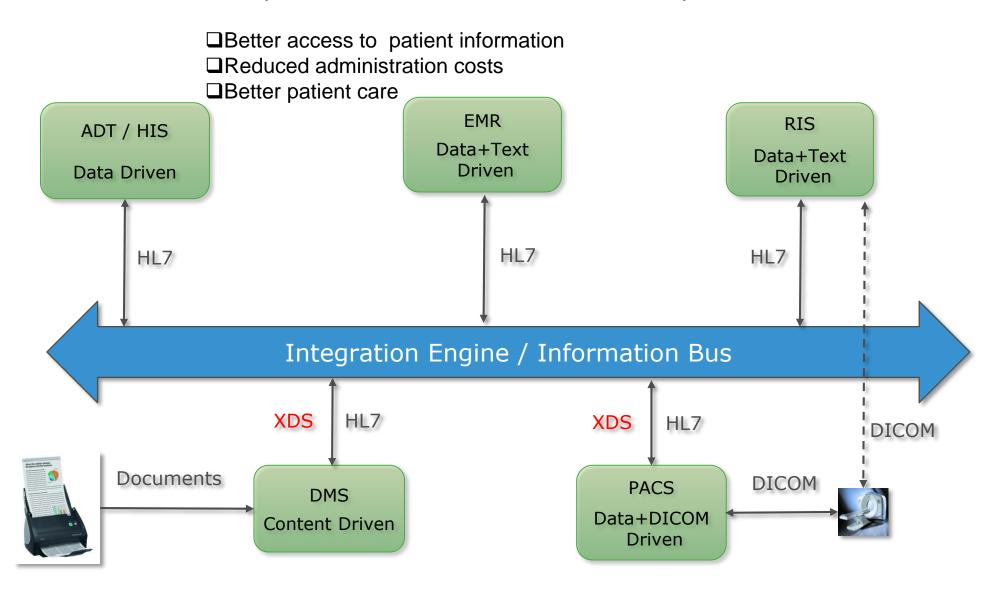


- 3. Create a foundation Citizen portal as defined in workshops
- 1. Develop a system to store electronic medical records (EMR)





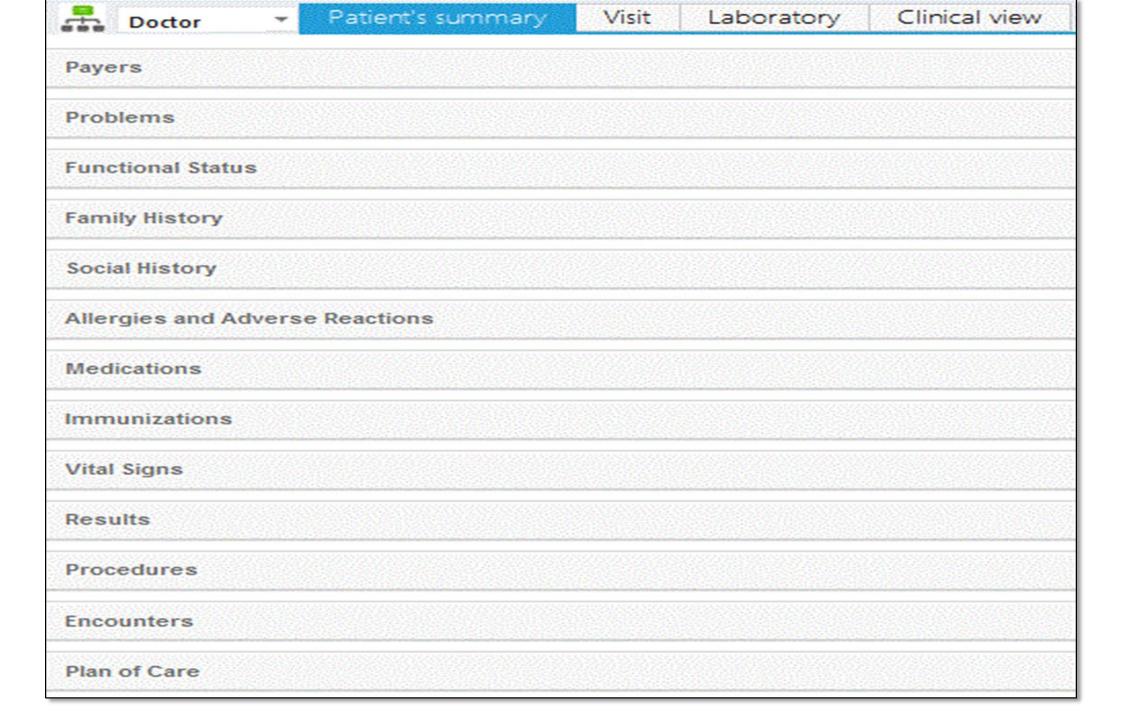
If everyone can share the information electronically



GP Portal

- Insertion of new patients into the patient list for the Operational Unit
- Search and selection of patients already in the Operational Unit Patient List
- Patient Consent Management
- Patient Authorisation Management
- Appointment Scheduling
- Patient Clinical Forms Functionality
- Patient Clinical View Functionality
- Patient Lab Results Functionality
- Patient Visit Functionality
- Document Versioning and Audit Trail







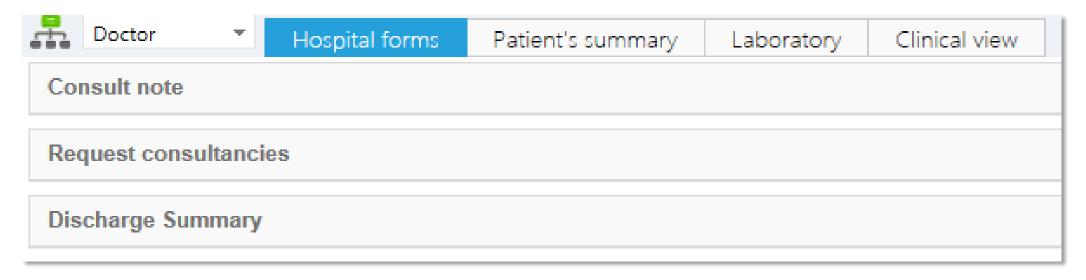
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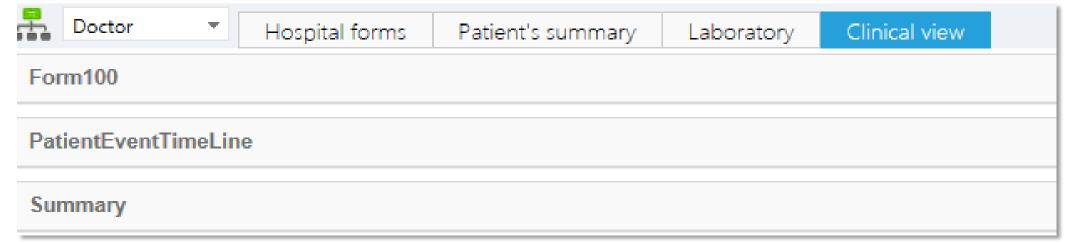
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Hospital Portal

- Inpatient Admission and Discharge
- Outpatient Patient List
- Patient Consent Management
- Patient Authorisation Management
- Patient Summary Functionality
- Patient Clinical View Functionality
- Patient Laboratory Functionality
- Hospital Forms Functionality







GP / Hospital Portal - Benefits

- Usage of system ensures compliance with MoLHSA regulations
- Avoids possibility of misdiagnosis / mis-prescribing
- On-line access to information about doctor/ patient encounter – With patient consent or directly in case of emergency
- Allows visibility of previous encounters to enable better health management, disease prevention, treatment and rehabilitation
- Support effective administration practices



MoLHSA Portal

- Centralised system
- Ensure compliance with regulations
- Collation of statistical data
 - Epidemiological
 - Operation unit
- Creation of new forms
- Able to view patient records and monitor the quality of services





Shatberashvili Nanuka

Search patient

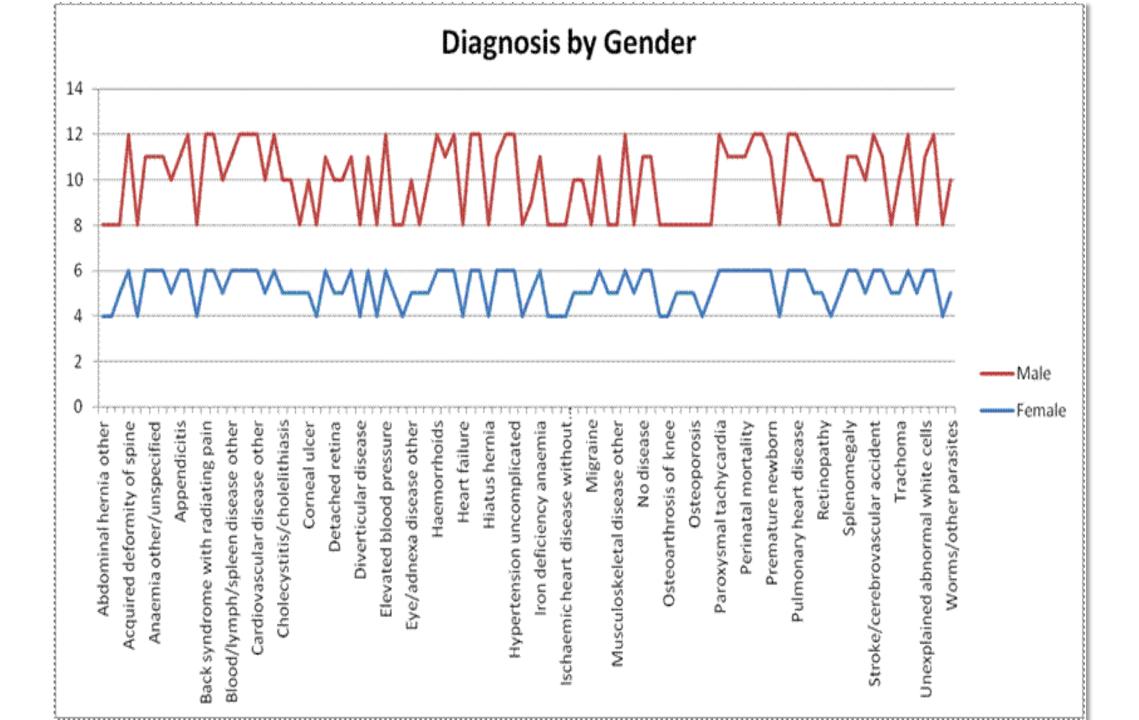
Green Teresa (EXT729150279) ×

ld	HospitalName	IDOperationalUnit	OperationalUnitName	ActivableFrom	ActivableTo	DurationInHours	TokenType	IsUsed	TimeStampExpiration	IsDeleted
130	TestPoliclinic	25	Family Doctor - Nanuka Shatberashvili	15.10.2013 14:44:48	31.12.9999 23:59:59	2147483647	G	/	31.12.9999 23:59:59	
131	TestHospital	14	Test_InPz	15.10.2013 14:46:58	15.10.2013 14:46:58	30	L	✓	16.10.2013 20:46:58	

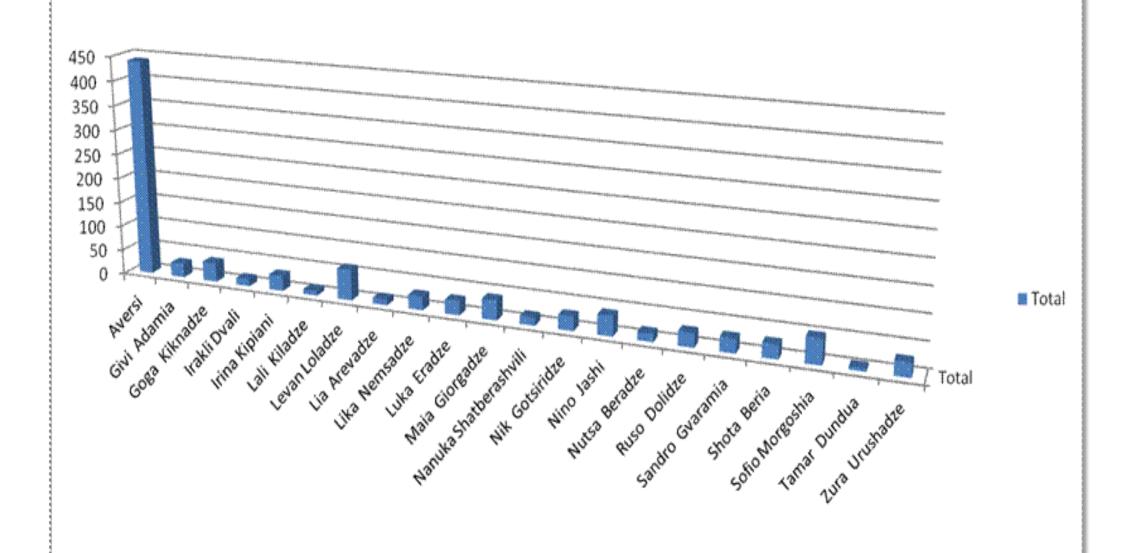
MoLHSA Portal - Benefits

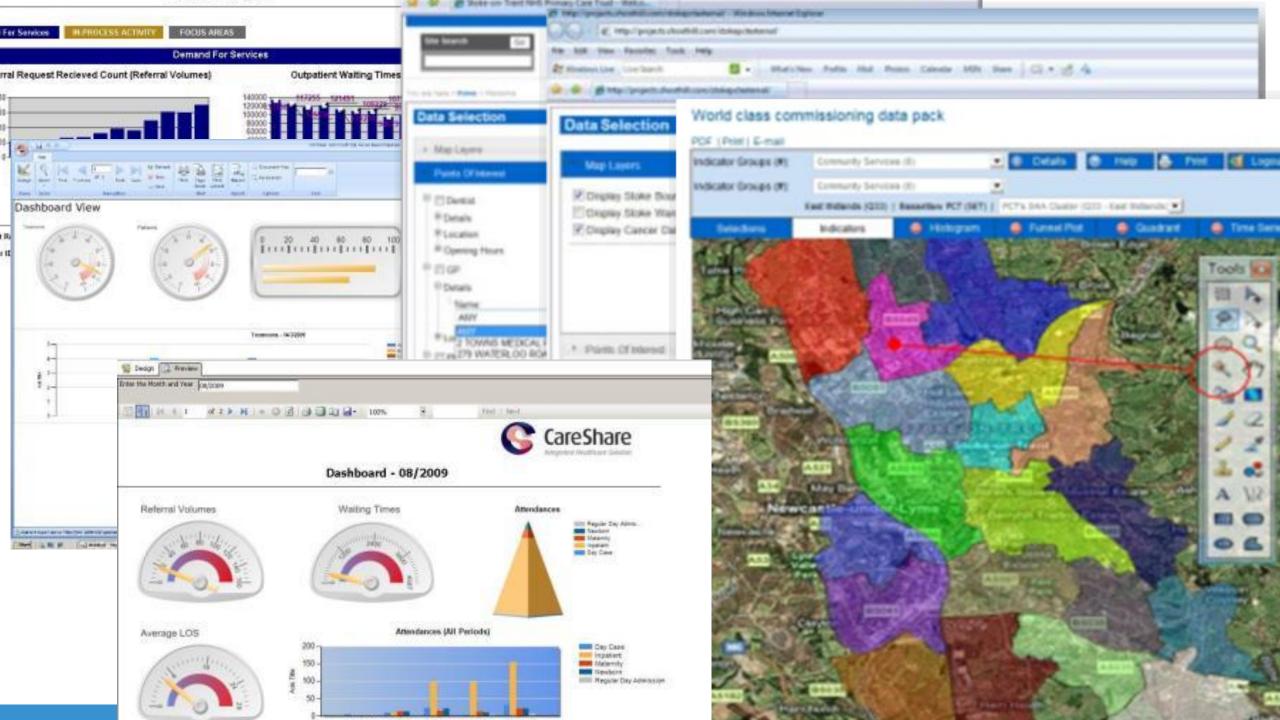
- Enables users from different agencies or departments to view unified patient history
- Single source of information
- Improved HealthCare Management
 - ☐ Information to improve decision making
 - ☐ Information to improve Regulatory compliance





Visits by HCP





Citizen Portal

- Patient cEMR Summary
- Patient cEMR details for each Operational Unit attended
- Lab Results Viewer
- Document Viewer
- Surveys
- Mobile Application Configuration
- Manage Consent
- Manage Authorisation

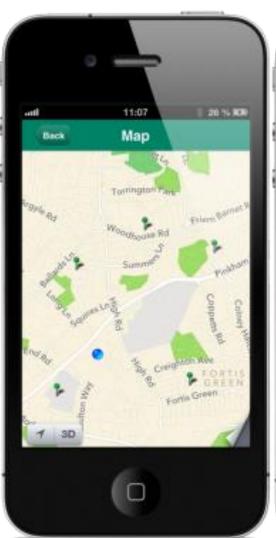


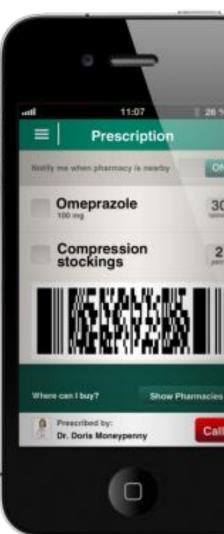
Prescription Issued to Citizen, Accessed on Phone, Data pulled from HIP, GPS and Maps linked to Dispensary Locations









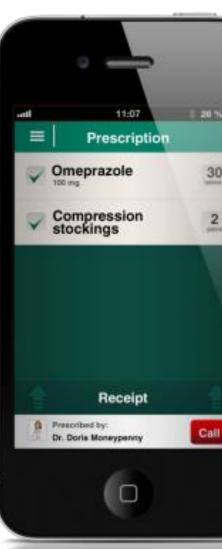


Arrived at drug dispensary, Fulfilled by Chemist, Contactless Payment, Written back to Central EMR, Receipt Stored on Device





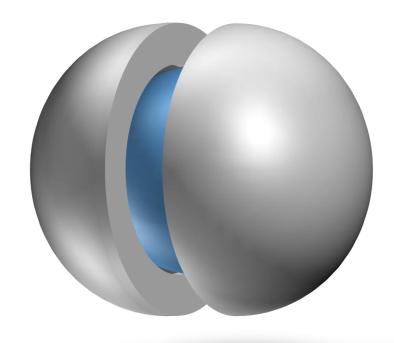




Strategy on 2014-2015 years

Integration

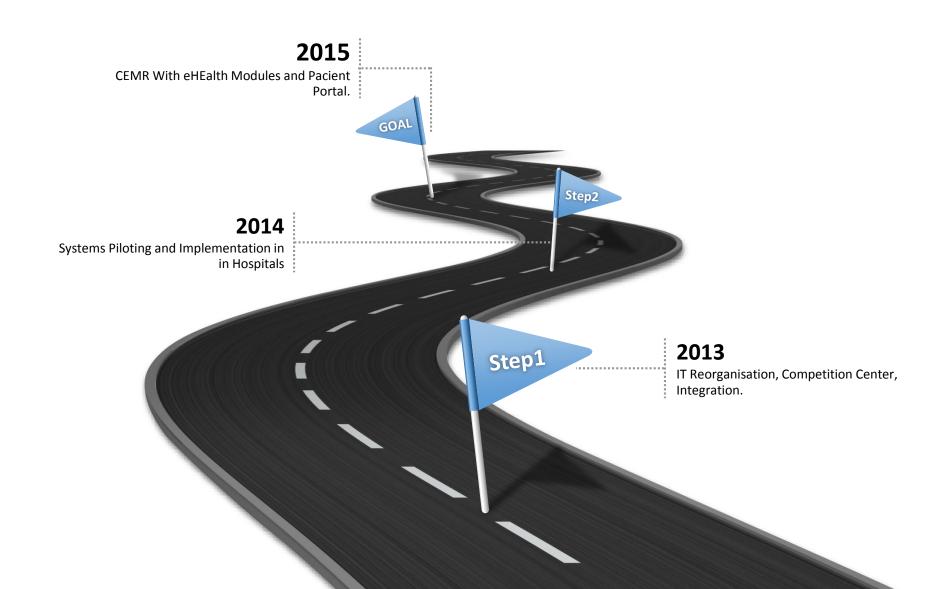
- •HIMS Modules Synchronization with cEMR.
- One Integration Framework and Standard.
- eHealth Information Management System.



HIMS + Standards+ CEMR

Steps and Goal

Roadmapping





Thank You

2014 წლის განმავლობაში საქართველოში სულ 1.46 მილიონი ცალი მობილური ტელეფონი გაიყიდა, რომლის საერთო ღირებულებამაც \$148 მილიონი ანუ 335 მილიონი ლარი შეადგინა. საშუალოდ მობილურის ღირებულებამ \$101 ანუ 227 ლარი შეადგინა, რაც იმას ნიშნავს, რომ საქართველოში შეძენილი მობილურების გარკვეული ნაწილი სმარტფონებია.

საქართველოს მოსახლეობა უკანასკნელი მონაცემებით 3.7 მილიონს შეადგენს, რაც იმას ნიშნავს, რომ გასულ წელს მობილურების გამოცვლა ქვეყნის მოსახლეობის 39%-ს შეემლო.

