

Oxfordshire Digital Population Health Plan

TV&SH LHCRE Digital Transformation

16th July 2018

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OXFORDSHIRE
COUNTY COUNCIL


Oxfordshire
Clinical Commissioning Group


Oxford Health
NHS Foundation Trust


Oxford University Hospitals
NHS Foundation Trust

GDE funding + support of partners



Market pressures:

- 1 Financial resources
- 2 Disparate/disconnected working
- 3 Rise in demand
- 4 Increased long term conditions

Organisational objectives:

- ✓ Optimise outcomes and experiences
- ✓ Maximise efficiencies
- ✓ Provide individualised care at scale
- ✓ Integrate care systems

Implementing Cerner Toolkit



Patient Portal

Dec 2018



Health
Information
Exchange
(HIE)

Sept 2018



HealthIntent
(HI)

Feb 2019



Enterprise
Data
Warehouse &
Analytics

Feb 2019

Know, Manage & Engage - Getting to Interoperability



Patient Portal

The screenshot displays the Patient Portal interface for Oxford University Hospitals NHS Trust. At the top, the user is identified as Brenda Stevens, with options for 'Dashboard', 'Brenda Stevens', 'English (United Kingdom)', and 'Sign Out'. The main navigation bar includes 'Health Record', 'Messaging', 'Appointments', and 'NHS 111'. A user profile for Brenda Stevens is shown with a 'Change picture' option. Below this are quick links for 'FAQ', 'Support', 'NHS Choices', and 'Contact your Doctor'. The central area features a large photograph of a modern hospital building. On the left sidebar, there are sections for 'Allergies' (listing penicillin and Nut), 'Latest Results', 'Blood Pressure' (Systolic: 120 mmHg, Diastolic: 80 mmHg), and 'Lab Results' (Hgb A1c: 60.0 mmol/mol [High], Glucose, Random: 15.0 mmol/L [Critical]). A 'View Results' link is provided at the bottom of the lab results section. A 'Welcome to Patient Portal' message is displayed, explaining the portal's purpose and providing contact information for the healthcare team.



Health Information Exchange (HIE)

JORDAN, SARAH | Gender Female | DOB 21/08/1922 | Age 93 years | NHS No 4853379371 | Source MRNs (2) | HIE ID 0000005000 | Phone 07984103736 (798) 410-3736

Disclaimer This is an aggregate summary of medical information obtained from multiple participating healthcare providers. This clinical summary is intended to support optimal patient care. It is not intended to replace the patient's medical record nor is it guaranteed to encompass all historical information on this patient. It is provided to you in conformation with patient privacy requirements.

Loading data for partners

100%

MIG Partner 2.0 100% | MIG Partner 100%

Page Search

Search

Timeframe: All Records

Results: All Records

Views: All

View option: Automatic

Reset

GP Reports (10) Summary

Report Name	Performed by	Date Completed	Source
Diagnosis	Longroad Surgery (A00005)	05/10/2015	MIG
Examinations	Longroad Surgery (A00005)	05/10/2015	MIG
Investigations	Longroad Surgery (A00005)	05/10/2015	MIG
Procedures	Longroad Surgery (A00005)	05/10/2015	MIG
Risks Warnings	Longroad Surgery (A00005)	05/10/2015	MIG
Patient Details	Longroad Surgery (A00005)	05/10/2015	MIG
Medications	Longroad Surgery (A00005)	05/10/2015	MIG
Problems	Longroad Surgery (A00005)	05/10/2015	MIG
Events	Longroad Surgery (A00005)	05/10/2015	MIG
Summary	Longroad Surgery (A00005)	05/10/2015	MIG

Discharge Summary (3) Summary

Report Name	Performed by	Date Completed	Source
PDF - Mouth Odour	Helen Andy	23/03/2015	Royal London

Allergies (7) Summary

Allergy	Source
Adverse reaction to Amikacin	MIG 2
Adverse reaction to Angiotensin-Converting Enzyme Inhibitors	MIG 2
Egg	HOMR HNAM
Milk	HOMR HNAM
Nut	HOMR HNAM
Pea	HOMR HNAM
rubber	HOMR HNAM

Medications (51) Summary

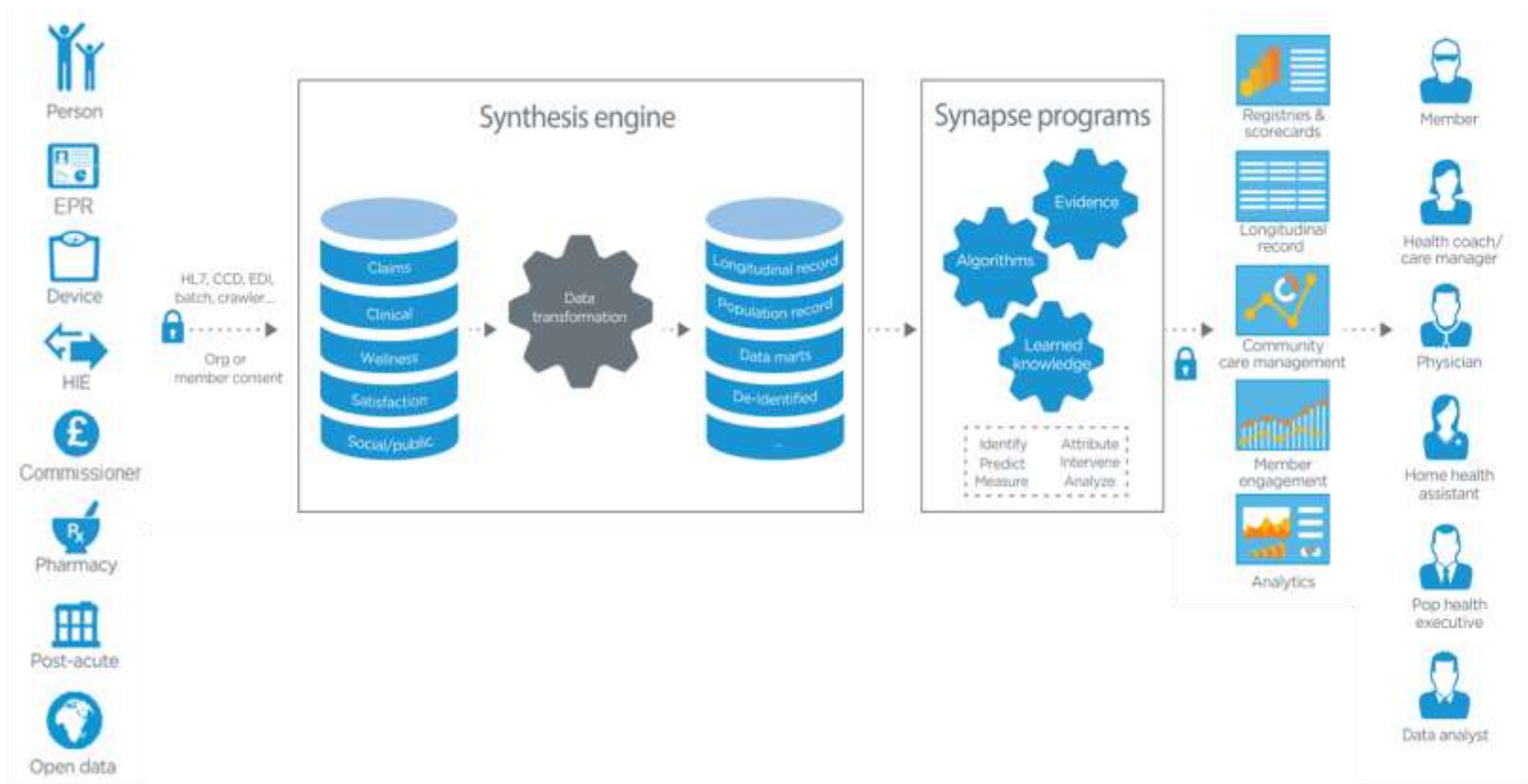
Medication	Date	Source
Paracetamol	12/07/2015	HOMR HNAM
Lomilapide Capsules	04/07/2015	HOMR HNAM
Mandol	04/07/2015	HOMR HNAM
Palifermin	04/07/2015	HOMR HNAM

Lab results (201) Graph view

Value	Most recent	Previous	Previous	Previous	Previous	Previous	Previous
%Hypo RBC (%)	12.6 H 21/09/2015 10:01:00 BLT	5.0 L 17/09/2015 06:51:00 Royal London	8.0 16/09/2015 16:01:00 HOMR HNAM	10.0 14/09/2015 20:01:00 NEWH			
BASOPHIL (10 ⁹ /L)	0.23 21/09/2015 10:01:00 BLT	0.4 H 17/09/2015 06:51:00 Royal London	0.2 16/09/2015 16:01:00 HOMR HNAM	0.1 14/09/2015 20:01:00 NEWH			
Blood glucose result (mmol/L)	4.8 19/07/1999 19:00:00 MIG 2						



HealthIntent



Individual Proactive Care

The screenshot displays the HealthRegistries application interface. At the top, the user is logged in as Rebecca Perez. The main navigation includes Scorecards, Registries, and Administration. The current view is for patient AALTO, EINO, a 59-year-old male with a DOB of Jan 13, 1958, and a Risk Score of 0.25. The interface shows a list of registries on the left, with AALTO, EINO selected. The main content area displays a 'High Blood Pressure Plan of Care' with a '3 out of 11 Met' status. A detailed view of the plan shows three items: Blood Pressure (138/82 mmHg, Achieved), carvedilol 25 mg oral tablet, Oral (Achieved), and Blood Pressure (140/88 mmHg, Achieved). Other registries like Adult Wellness (3 out of 7 Met) and Hypertension (6 out of 7 Met) are also visible. A sidebar on the left lists other patients, and a bottom navigation bar contains icons for settings, data, and help.

HealthRegistries | Scorecards | Registries | Administration | Rebecca Perez | Apps

Scorecards | AALTO, EINO | 59 years Male | DOB: Jan 13, 1958 | Risk Score 0.25

Organizations: Baseline West Medical Center

Person List | 1414

Sort by: Name | Make Changes | Enter Data | All | Not Achieved | Missing | Due | Expand

Adult Wellness | 3 out of 11 Met

Hypertension | 6 out of 7 Met

High Blood Pressure Plan of Care

- ✓ Blood Pressure 138/82 mmHg | Dec 6, 2016 6:30 AM UTC | Achieved | Blood Pressure Management
- ✓ carvedilol 25 mg oral tablet, Oral | Oct 12, 2016 9:52 AM UTC | Achieved | Lipid Panel
- ✓ Blood Pressure 140/88 mmHg | Jan 20, 2016 6:30 AM UTC | Achieved | High Blood Pressure Plan of Care

Registry Supporting Facts

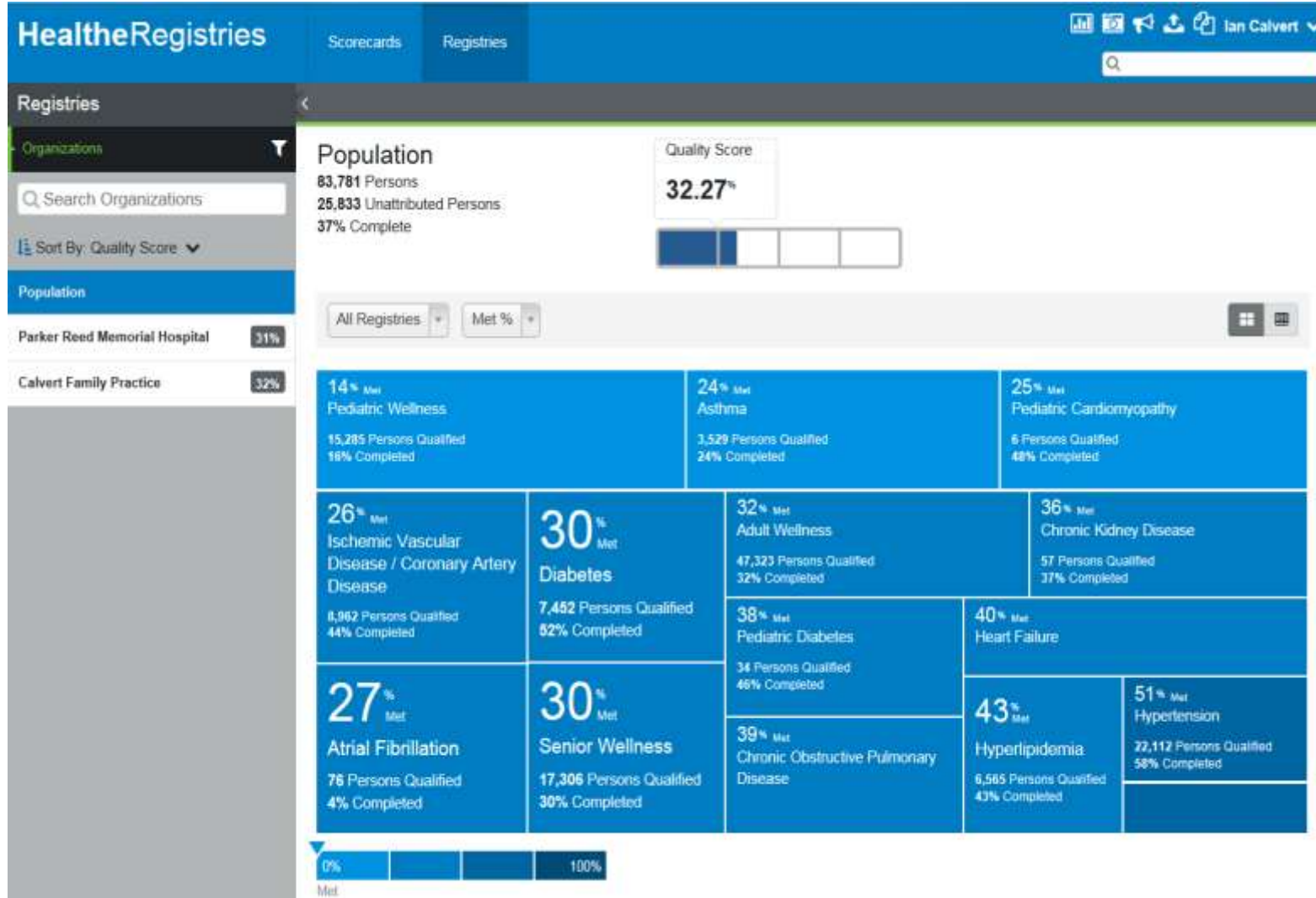
- 138/82 mmHg | Dec 6, 2016 | Blood Pressure < 140/90 mm Hg | Dec 6, 2017
- 1.1 mg/dL | Dec 6, 2016 | Serum Creatinine | Dec 6, 2017
- Tobacco Use Screening and Cessation | Now

Other Patients in List:

- AABAR, AARON | 76 years M | DOB: May 5, 1940
- ABAR, DENNIS | 63 years M | DOB: Jun 1, 1953
- ABBOT, ABIGAIL | 77 years F | DOB: Jan 1, 1940
- Abbott, Arvilla | 31 years F | DOB: Jun 16, 1985
- ABBOTT, ROMAN | 66 years M | DOB: Oct 10, 1950
- ACHOY, BETSY HAZEL | 62 years F | DOB: Jun 22, 1954
- ADAMS, ABNER | 62 years M | DOB: Mar 17, 1955
- ADAMS, AUBREY | 16 years F | DOB: Jan 1, 2001



Attributable Population Overview



Custom Analytics



Enterprise Data Warehouse

