UHSdigital

HIMSS UK
EXECUTIVE LEADERSHIP SUMMIT
NOVEMBER 13, 2018 | LONDON

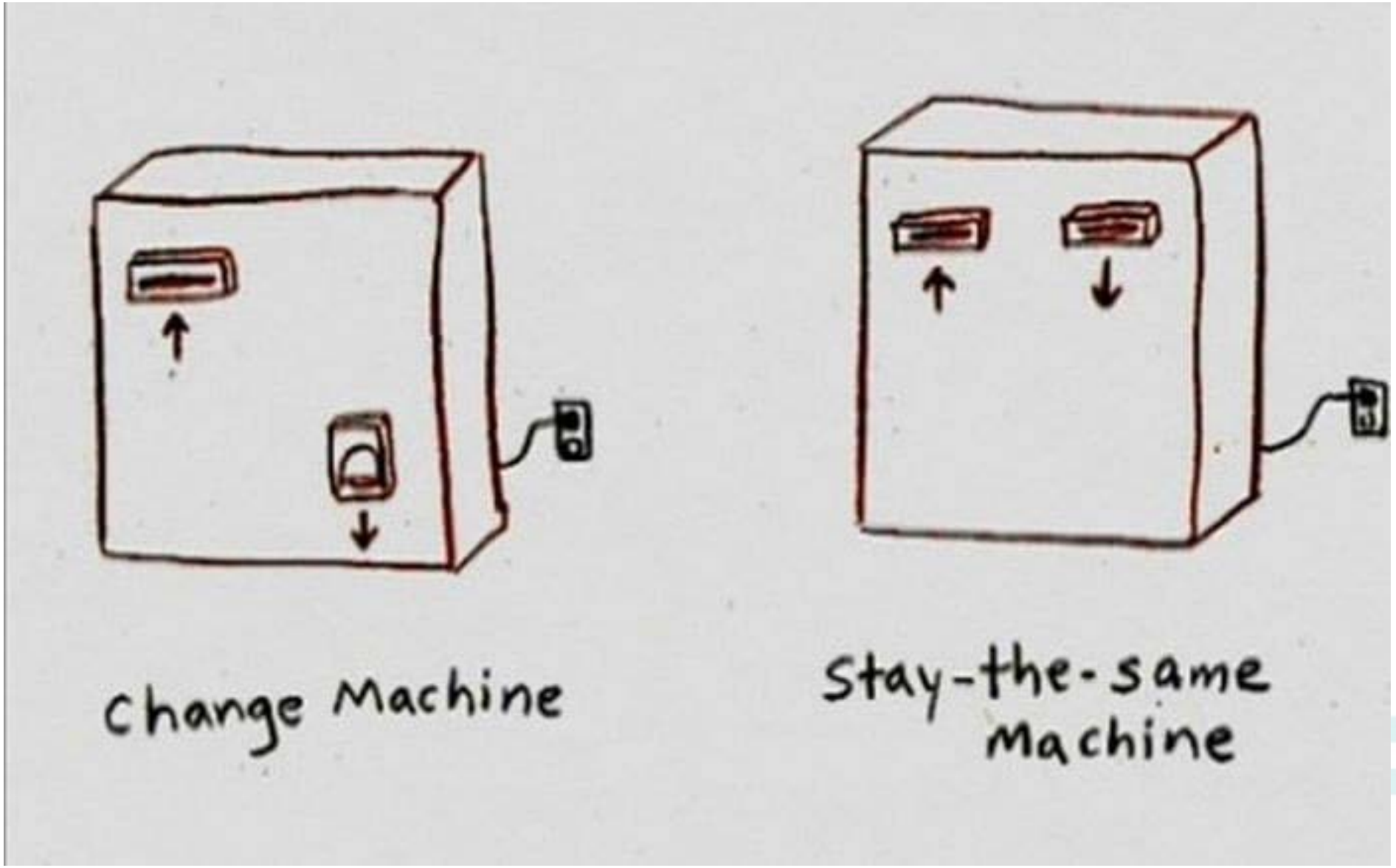
Open PHR
My Medical Record

Adrian Byrne CIO

@adebyrne @UHSGDE @MyMedRec @TheOpenPHR

HIMSS UK
transforming health through information and technology

#HIMSS_UK #ELSLondon


Change Machine
Stay-the-same Machine

Something has to change

Gartner says NHS over-reliant on closed systems

Leading technology analysis firm Gartner has said the NHS IT market is too reliant on closed proprietary systems, and must follow other industries and drive to open platforms and surrounding eco-systems

Department of Health & Social Care

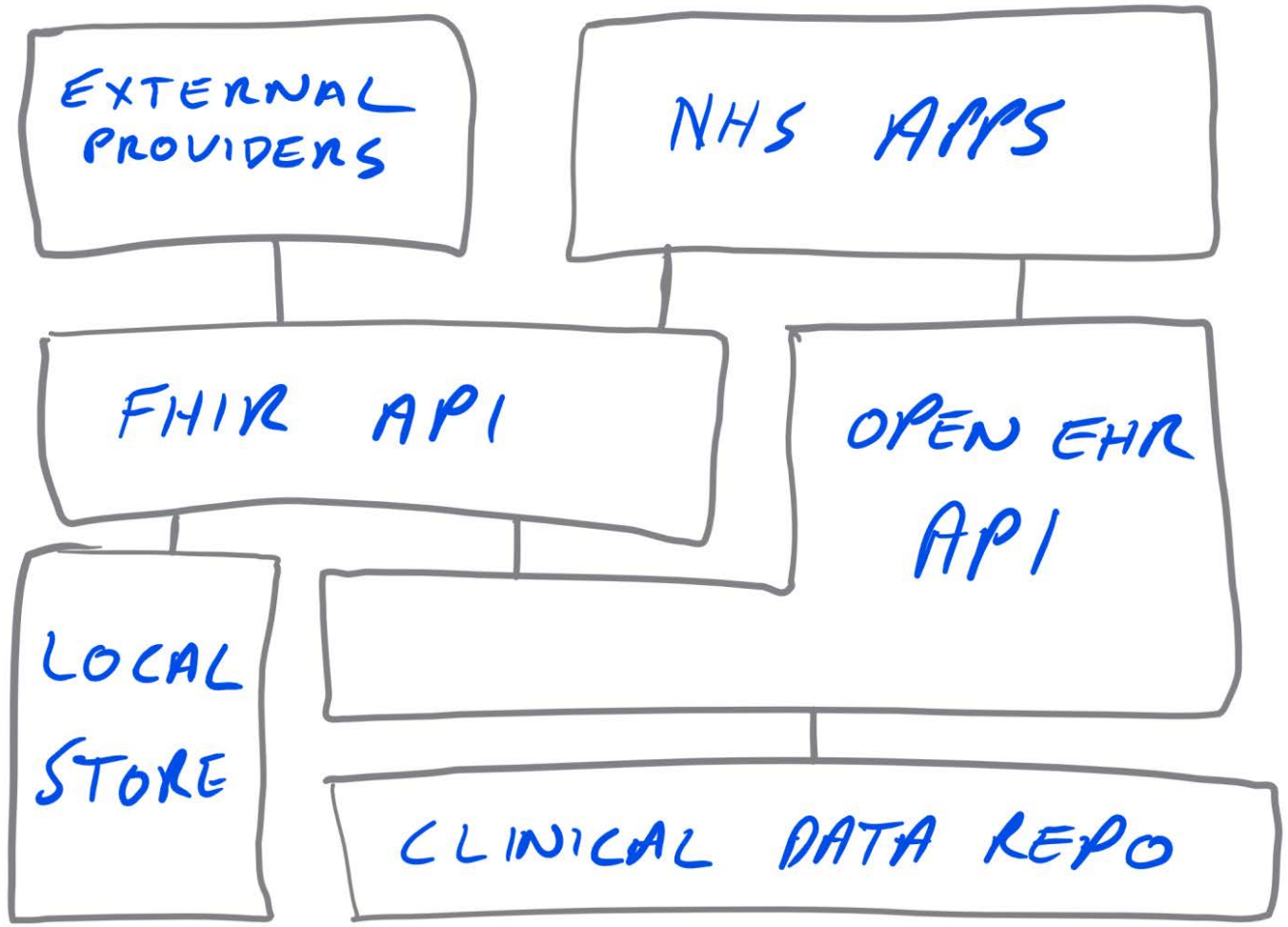
Policy paper

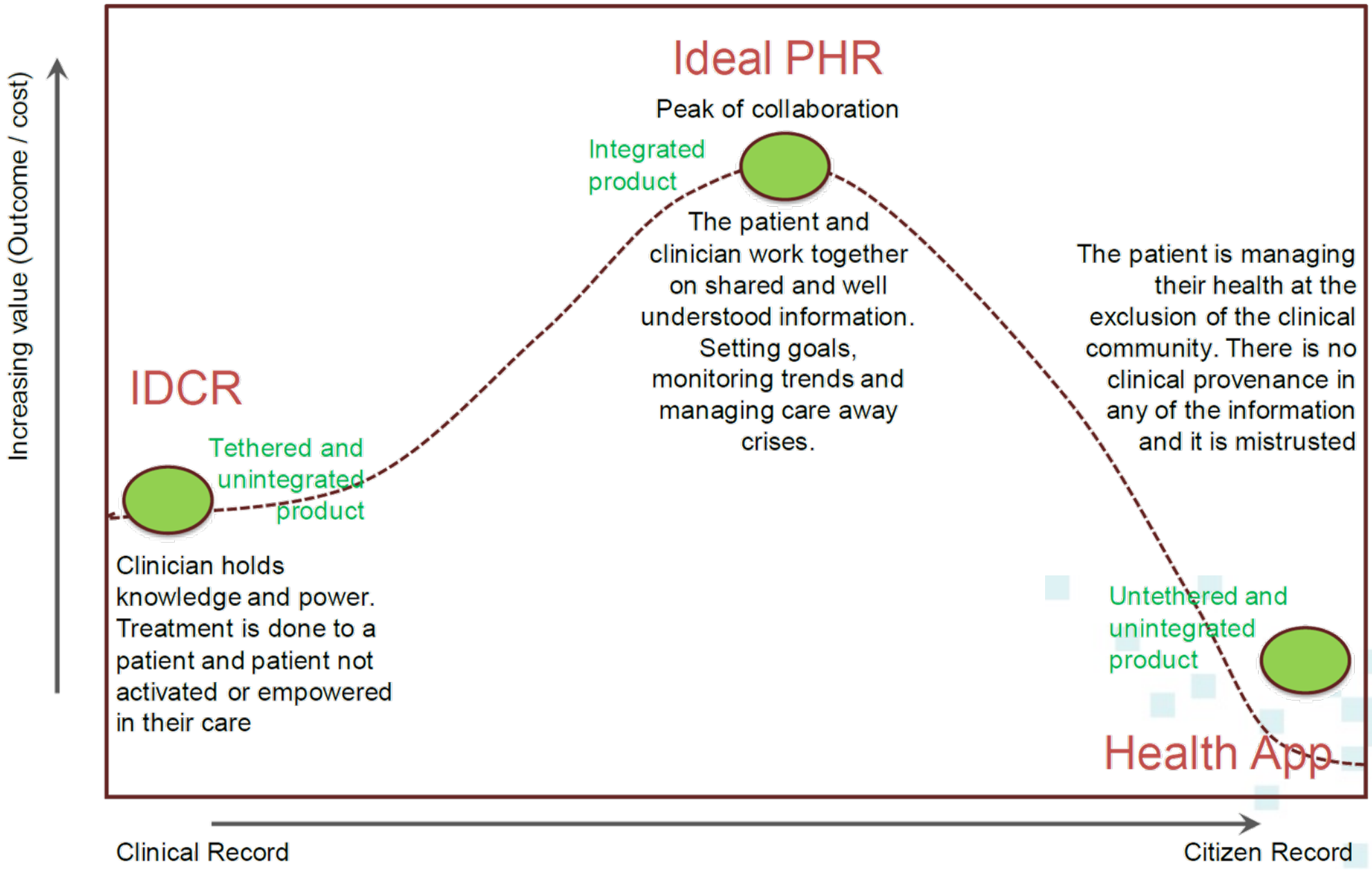
The future of healthcare: our vision for digital, data and technology in health and care

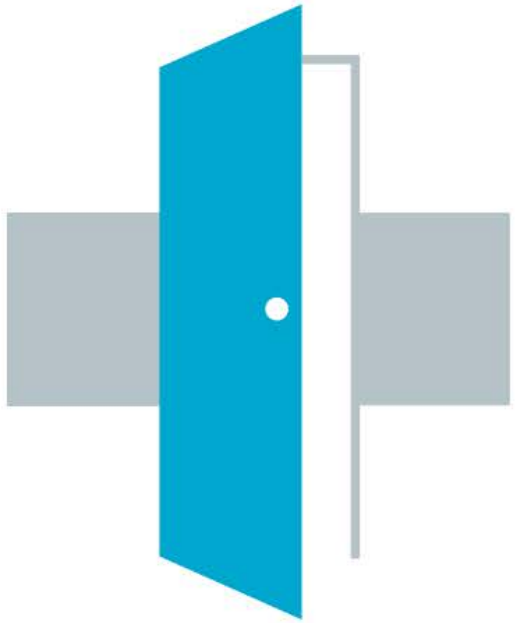
Published 17 October 2018

UHSdigital

THE FUTURE


EXTERNAL PROVIDERS
NHS APPS
FHIR API
OPEN EHR API
LOCAL STORE
CLINICAL DATA REPO


Ideal PHR
Peak of collaboration
Integrated product
The patient and clinician work together on shared and well understood information. Setting goals, monitoring trends and managing care away crises.
The patient is managing their health at the exclusion of the clinical community. There is no clinical provenance in any of the information and it is mistrusted
IDCR
Tethered and unintegrated product
Clinician holds knowledge and power. Treatment is done to a patient and patient not activated or empowered in their care
Untethered and unintegrated product
Health App
Increasing value (Outcome / cost)
Clinical Record
Citizen Record

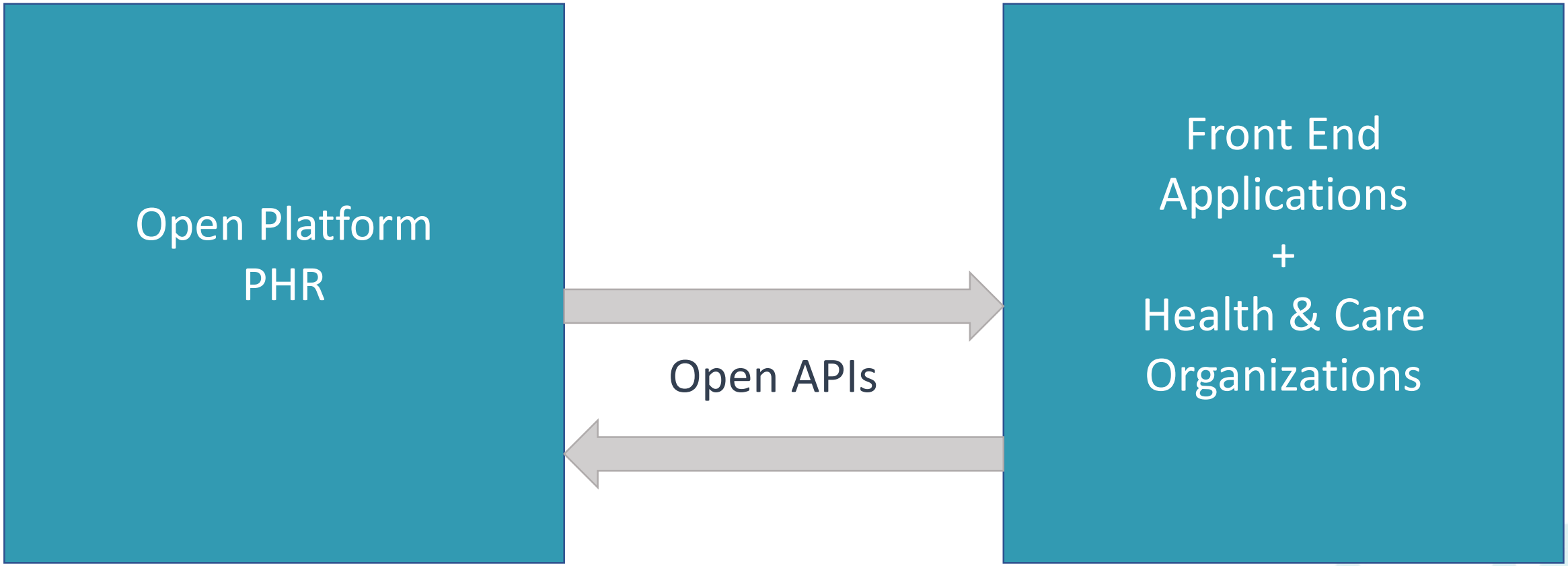


OpenPHR

Many applications, one patient owned record

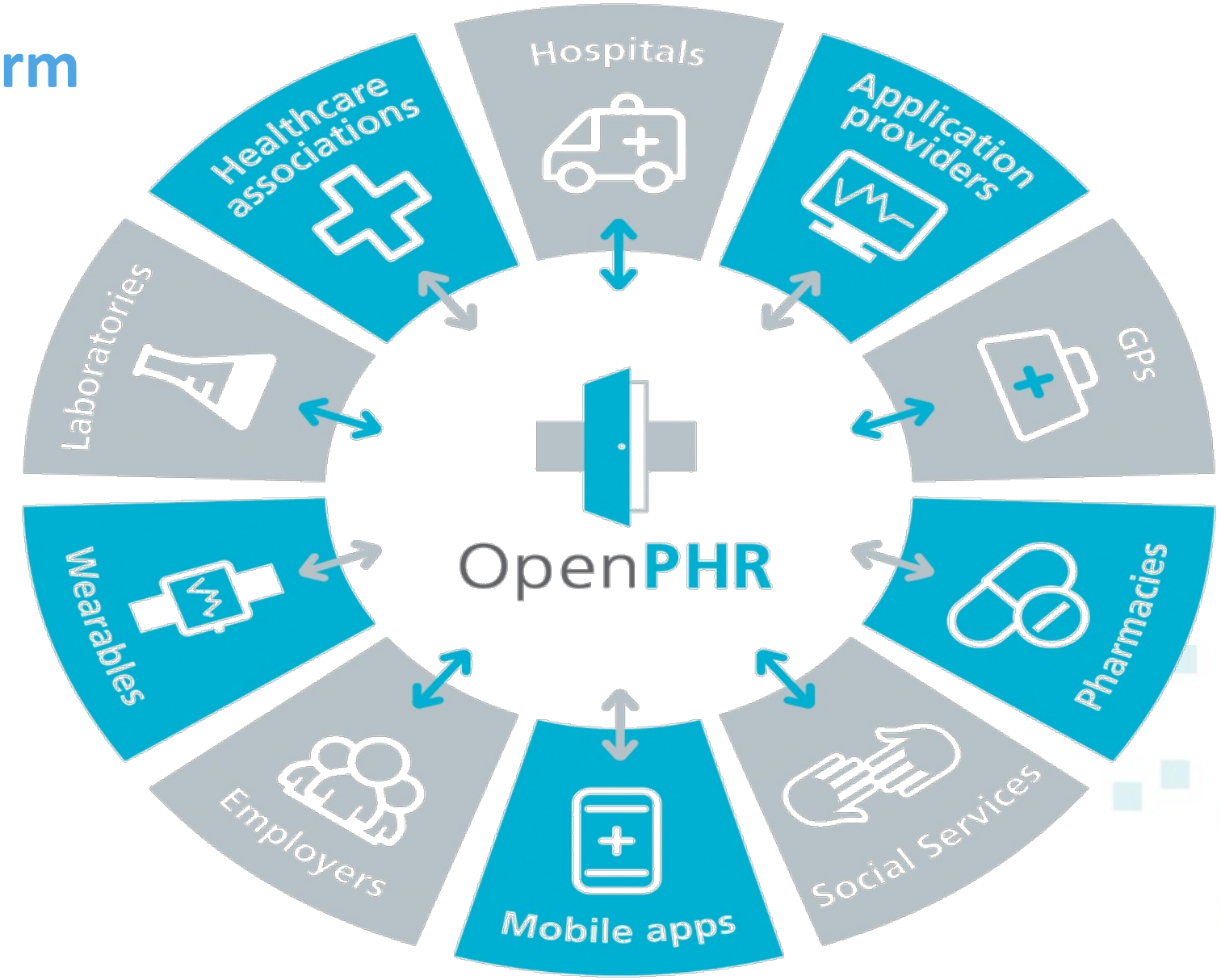
UHSdigital

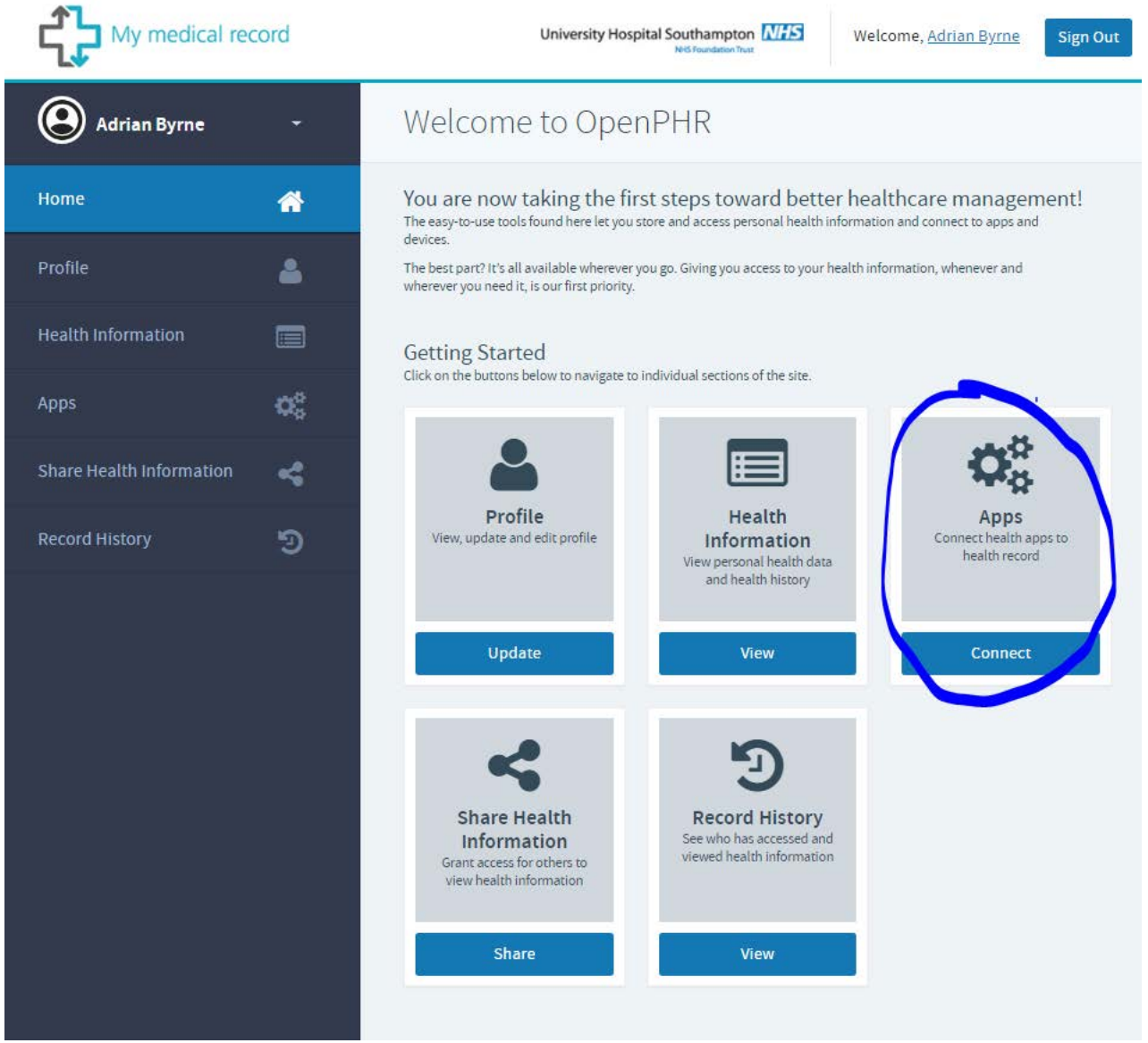
OpenPHR



UHSdigital

Open platform




My medical record
University Hospital Southampton NHS
NHS Foundation Trust
Welcome, Adrian Byrne
Sign Out
Adrian Byrne
Home
Profile
Health Information
Apps
Share Health Information
Record History
Welcome to OpenPHR
You are now taking the first steps toward better healthcare management!
The easy-to-use tools found here let you store and access personal health information and connect to apps and devices.
The best part? It's all available wherever you go. Giving you access to your health information, whenever and wherever you need it, is our first priority.
Getting Started
Click on the buttons below to navigate to individual sections of the site.
Profile
View, update and edit profile
Update
Health Information
View personal health data and health history
View
Apps
Connect health apps to health record
Connect
Share Health Information
Grant access for others to view health information
Share
Record History
See who has accessed and viewed health information
View

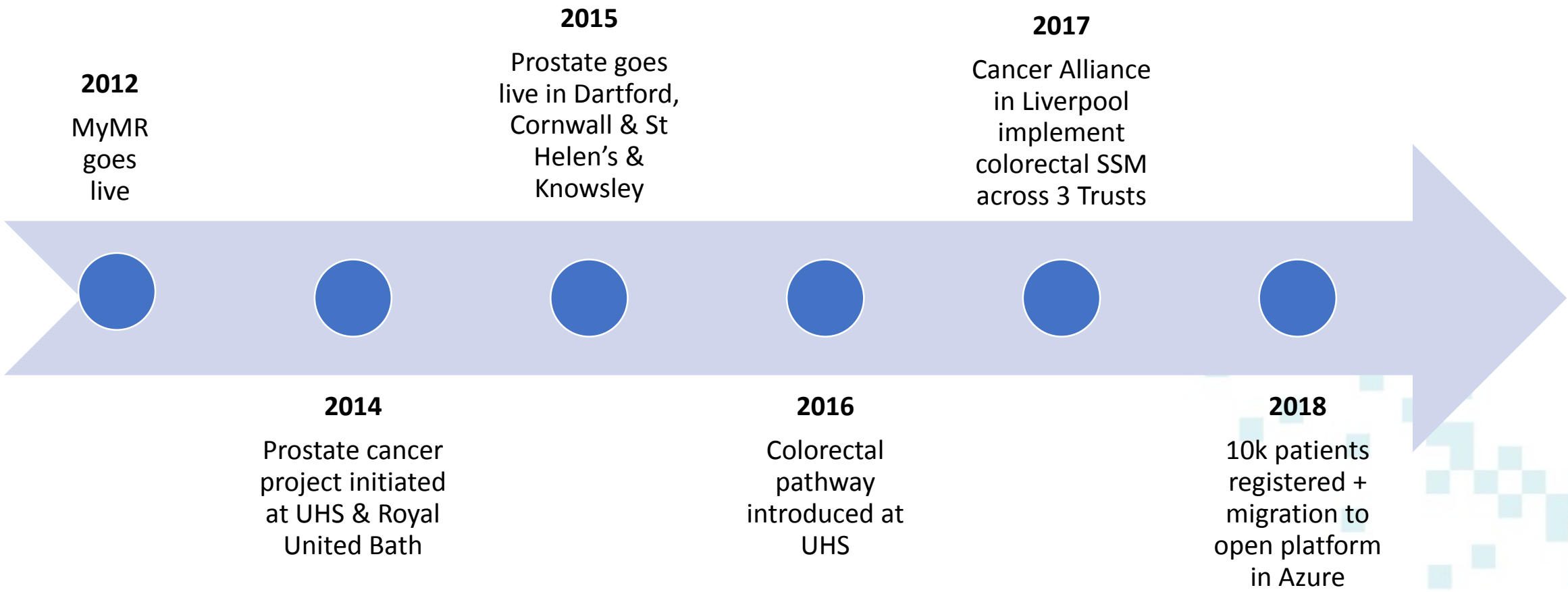
@MyMedRec timeline

2012
MyMR goes live

2014
Prostate cancer project initiated at UHS & Royal United Bath

2015
Prostate goes live in Dartford, Cornwall & St Helen's & Knowsley

2016
Colorectal pathway introduced at UHS



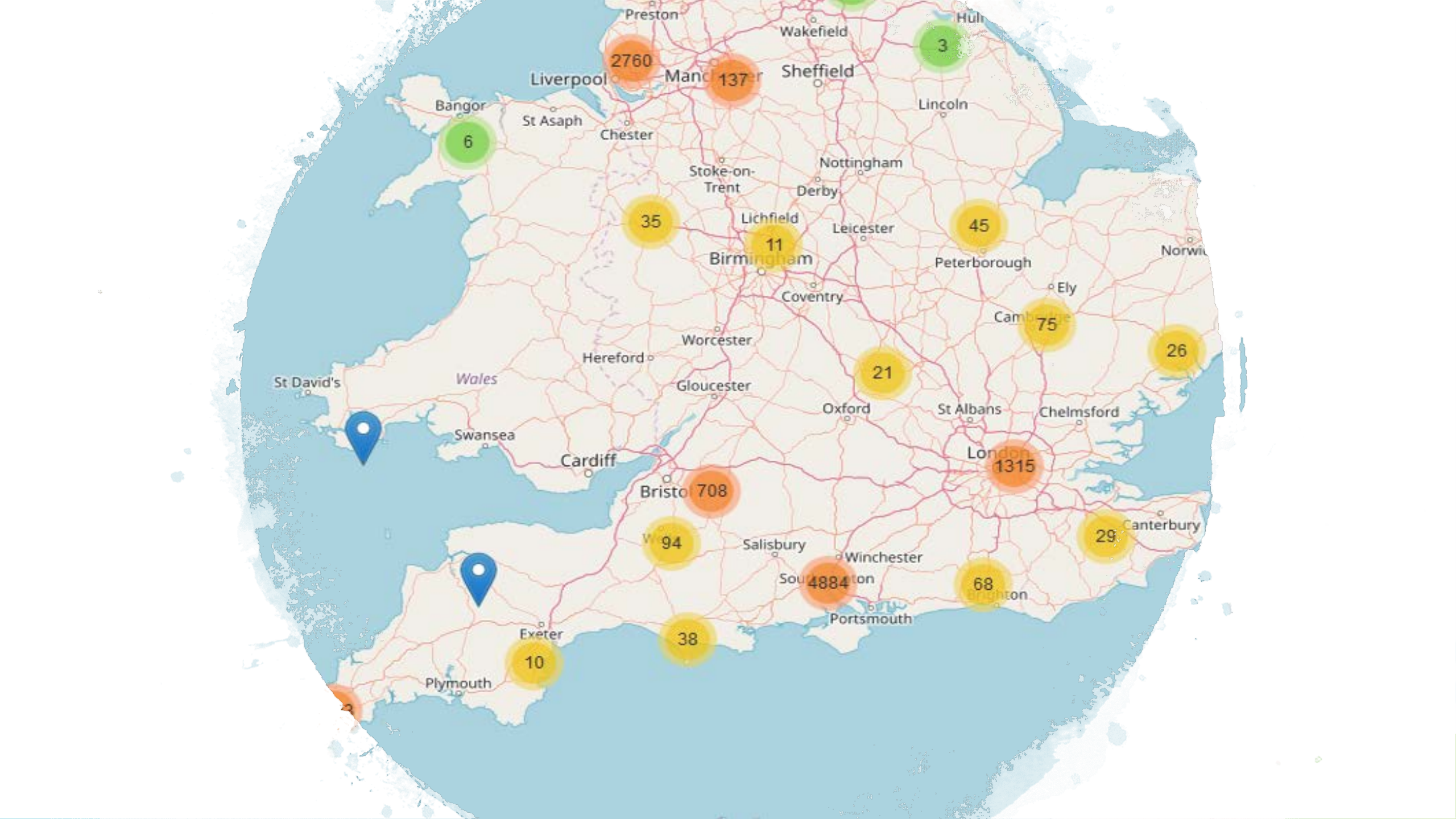
2017
Cancer Alliance in Liverpool implement colorectal SSM across 3 Trusts

2018
10k patients registered + migration to open platform in Azure

Condition specific tools and information

Date	Value
11/07/2014	0 ug/l
07/03/2014	0 ug/l
11/12/2013	0.06 ug/l
08/02/2013	14 ug/l
21/05/2012	11 ug/l
22/11/2011	19 ug/l

For Clinicians


Preston
Wakefield
Hull
3
2760
Liverpool
137
Sheffield
Bangor
St Asaph
Chester
6
Lincoln
Stoke-on-Trent
Nottingham
Derby
35
Lichfield
Leicester
45
11
Birmingham
Peterborough
Norwi
Ely
Coventry
75
26
Worcester
Hereford
21
St David's
Wales
Gloucester
Oxford
St Albans
Chelmsford
Swansea
Cardiff
London
1315
Bristol
708
Canterbury
29
94
Salisbury
Winchester
4884
68
Portsmouth
38
Exeter
10
Plymouth

“I was invited to use My Medical Record and asked to weigh myself using the digital scales once a week. As I was going through a rough patch it was good to know that there were people keeping an eye on how I was doing. If my weight went down too low then I would automatically get contacted by a member of the clinical team.
I also used the messaging function in the system. It is comforting to have a simple way of telling people you are not feeling well”
– IBD patient