

digitalhealth

REWIRED
BIRMINGHAM 12-13 MARCH 2024

Headline Sponsors:



David Chalkley

Clinical Safety Officer, Deputy CCIO and Associate
Director of Pharmacy Somerset NHS FT



**DIGITAL
AHP AND
PHARMACY
SUMMIT**

Stage Sponsor:



digitalhealth

REWired
BIRMINGHAM 12-13 MARCH 2024

Headline Sponsors:



Seamless Medicines Continuity - Foundations for Empowering Patients



**DIGITAL
AHP AND
PHARMACY
SUMMIT**

Stage Sponsor:



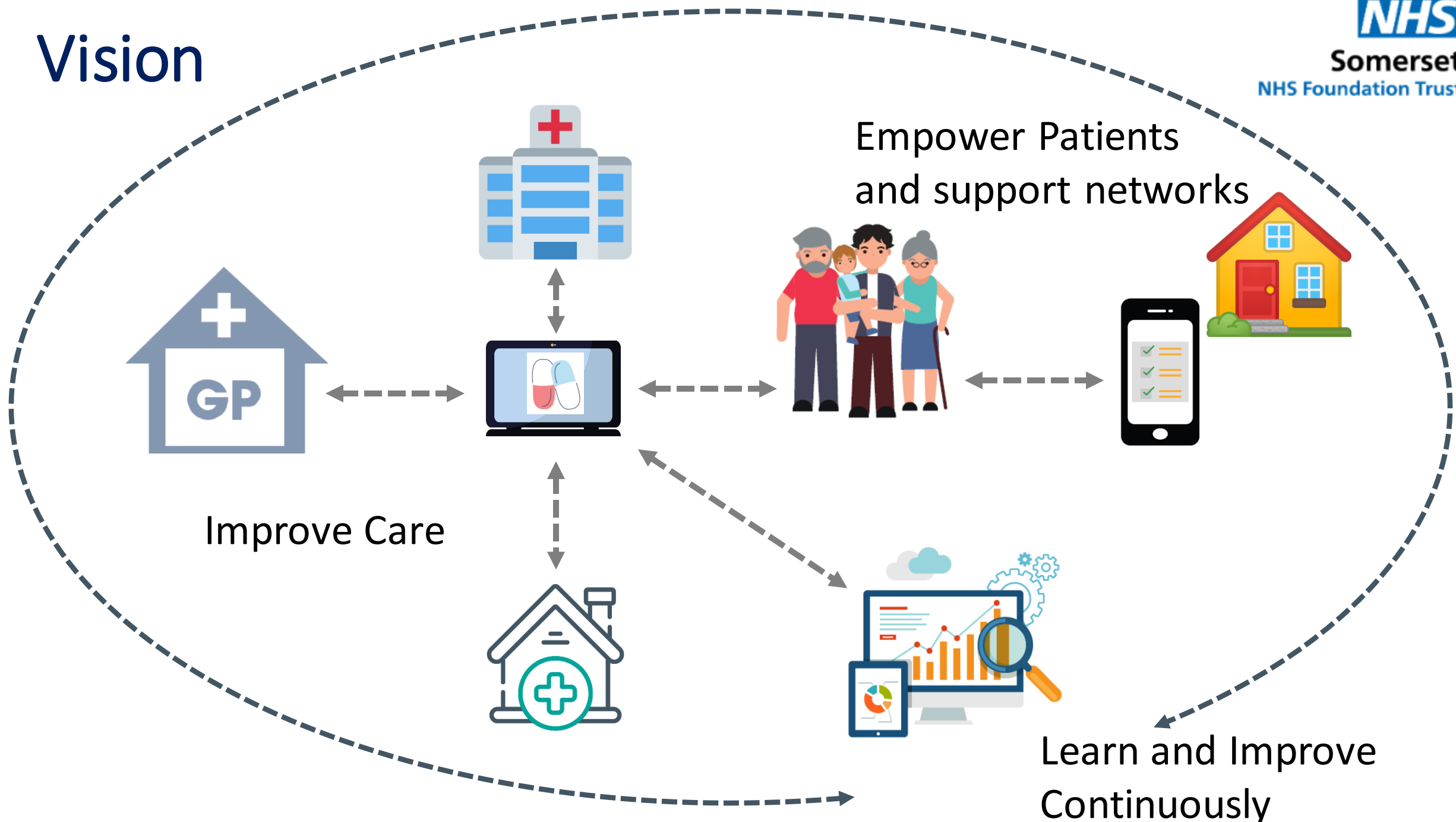
Background

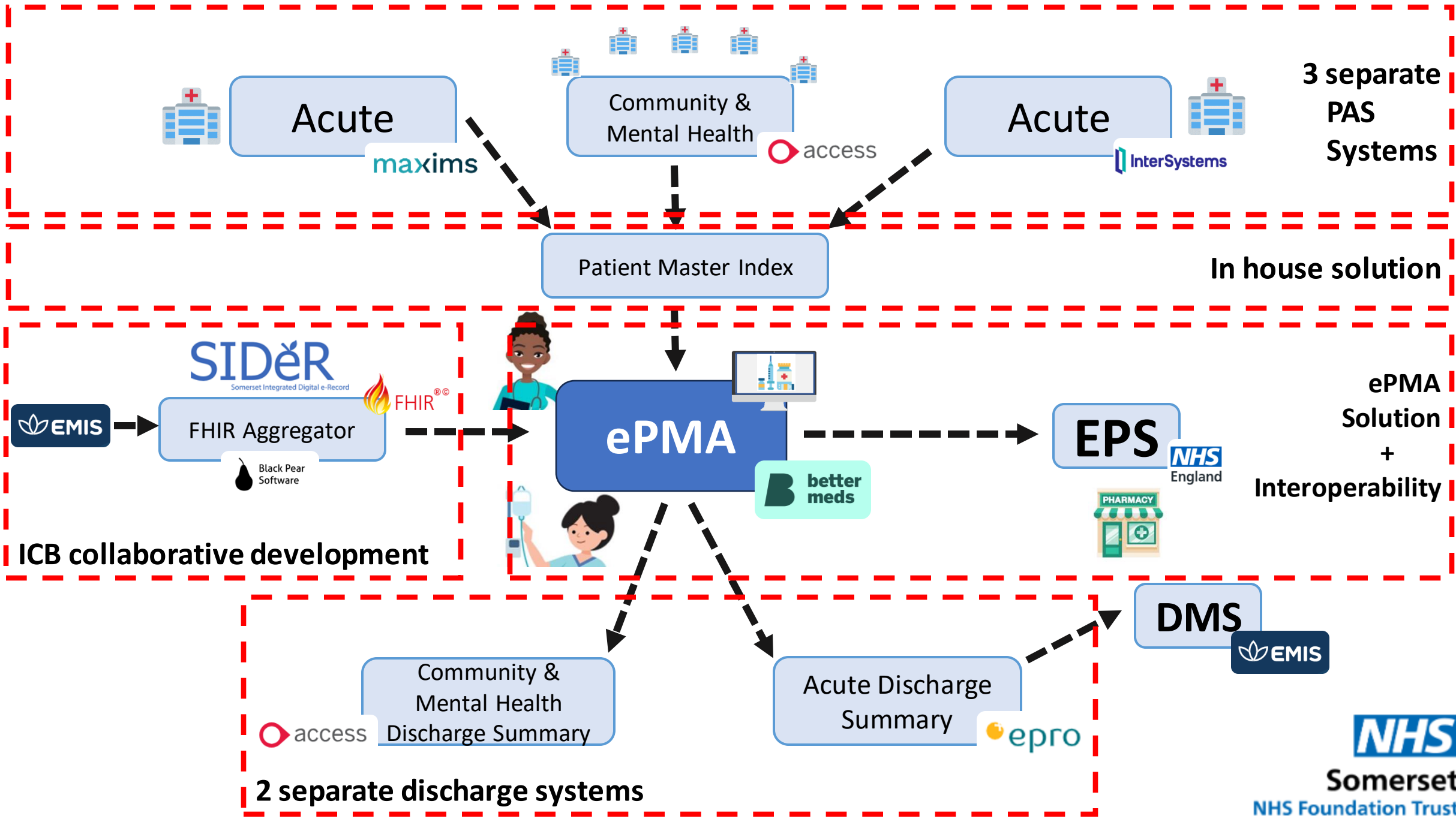


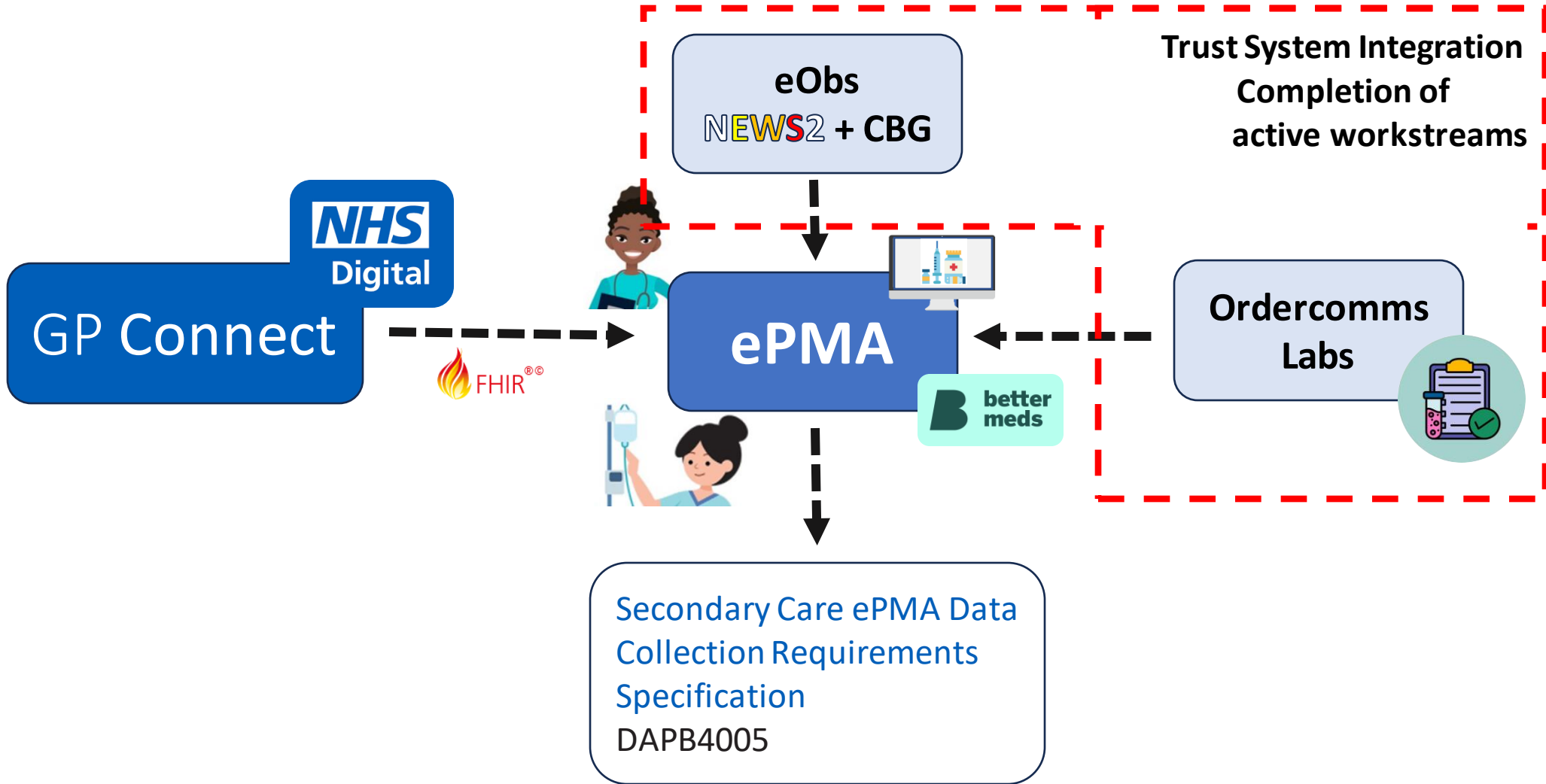
- Somerset NHS Foundation Trust
 - Single provider across Somerset (Acute, Community, Mental Health)
 - 2 mergers in last 4 years
- Digital services
 - 100's of systems, multi-PAS
 - 100+ digital projects
- Digital Medicines
 - 30+ active project strands
- Myself
 - Joined NHS 2004
 - Digital 2013 (1 year secondment)
 - CSO trained 2014
 - Deputy CCIO 2016
 - NHSDA Cohort 2

Kindness, Respect, Teamwork
Everyone, Every day

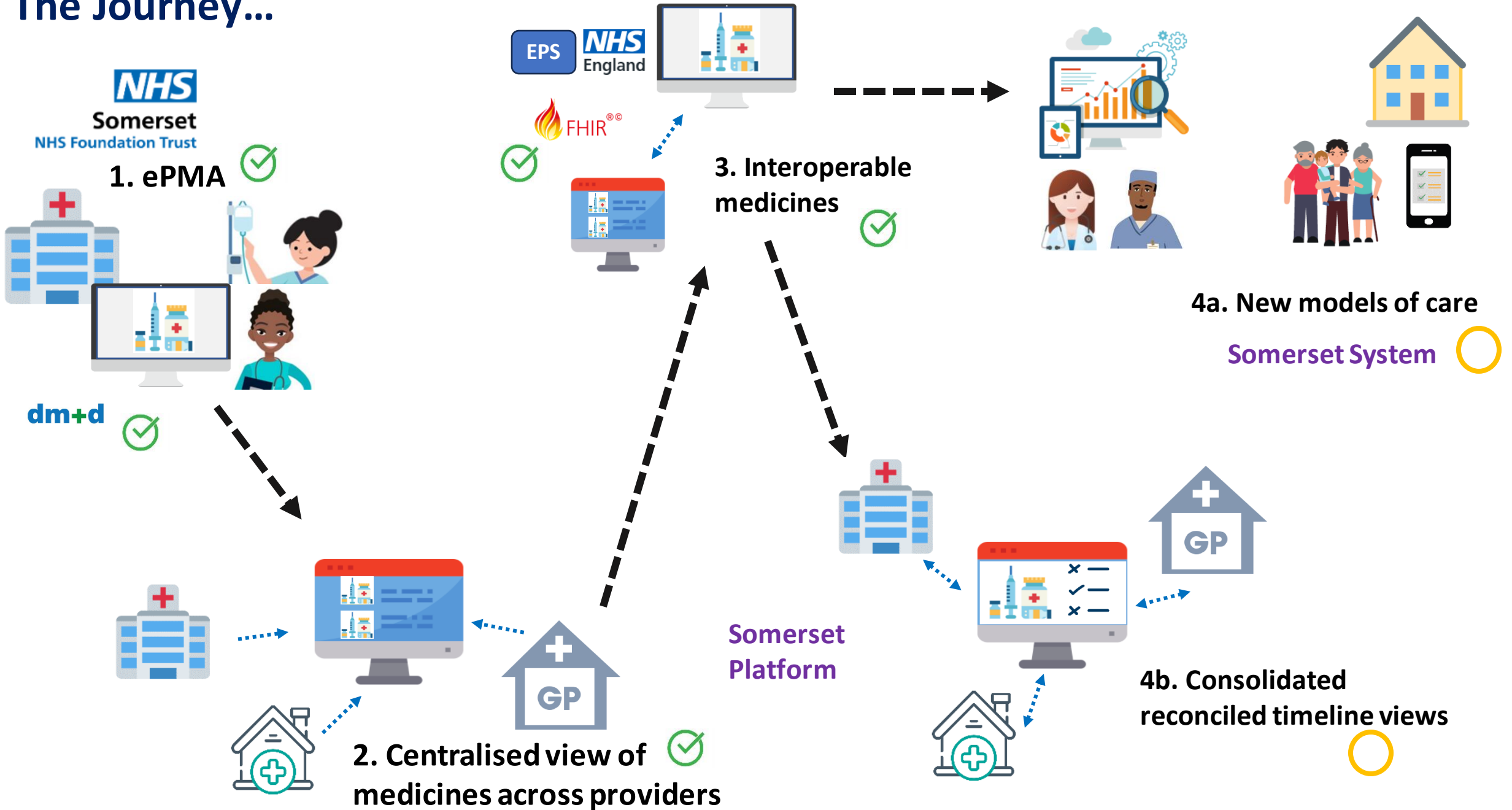
Vision







The Journey...



Shared Care Record

[Summary](#)
[Alerts](#)
[Shared Forms 6](#)
[GP Record](#)
[SFT Acute](#)
[YDH](#)
[SFT Comm&MH](#)
[SMH](#)
[SCC](#)
[Contacts](#)

Information

Active Medications i	Allergies i	Problems i
<p>SCC does not share Active Medications</p> <p>Repeat</p> <p>Aspirin 300mg dispersible tablets. 100 tablet. Last Issued:22-Oct-2019. <i>One To Three Tablets To Be Taken Every Four To Six Hours When Necessary (No More Than 12 In 24 Hours)</i></p> <p>Ventolin 100micrograms/dose Evohaler (GlaxoSmithKline UK Ltd). 2400 dose. Last Issued:28-Nov-2019. <i>One Or Two Puffs To Be Inhaled Up To Four Times A Day</i></p> <p>Deep Heat Maximum Strength cream (The Mentholatum Company Ltd). 75 gram. Last Issued:01-Oct-2016. <i>Apply When Required</i></p> <p>One Off Prescription- Past 60 days only</p> <p>Amoxil Powder For Solution For Injection 500 mg vial. <i>as directed</i></p> <p>Paracetamol Soluble tablets 500 mg. <i>One To Be Taken Every 4-6 Hours Up To Four Times A Day</i></p> <p>Furosemide Oral Solution, Sugar Free 10 mg/ml (50 mg/5 ml). <i>drink as required</i></p> <p>Ventolin 200micrograms/dose Accuhaler (GlaxoSmithKline UK Ltd). 300 dose. 05- Jan-2022 <i>One Dose To Be Inhaled Up To Four Times A Day</i></p>	<p>SCC does not share Allergies</p> <p>Penicillamine 18/12/2019</p> <p>Penicillin 06/12/2018</p> <p>cats and pollen 18/12/2019</p> <p>Encounters (past 30 days) i</p> <p>Reason: Personal Plan. (SCC)</p> <p>▶ (ambulatory) with Mr Black Pear. (GP System) 7</p> <p>Procedures (past 30 days) i</p> <p>YDH does not share Procedures</p> <p>SFT Comm&MH does not share Procedures</p>	<p>Asthma</p> <p>No known allergies 27/08/2019</p> <p>Heart failure 10/03/2019</p> <p>Chronic obstructive pulmonary disease annual review 20/02/2019</p> <p>Frailty 01/02/2019</p> <p>Senile dementia 10/01/2019</p> <p>Chronic obstructive pulmonary disease 25/11/2018</p> <p>Exception reporting: CVD quality indicators 23/07/2018</p> <p>Diabetes mellitus 21/04/2018</p> <p>Acute kidney failure stage 1 10/10/2017</p> <p>Insertion of urethral catheter 10/10/2017</p>

Interoperability



MEDICATIONS



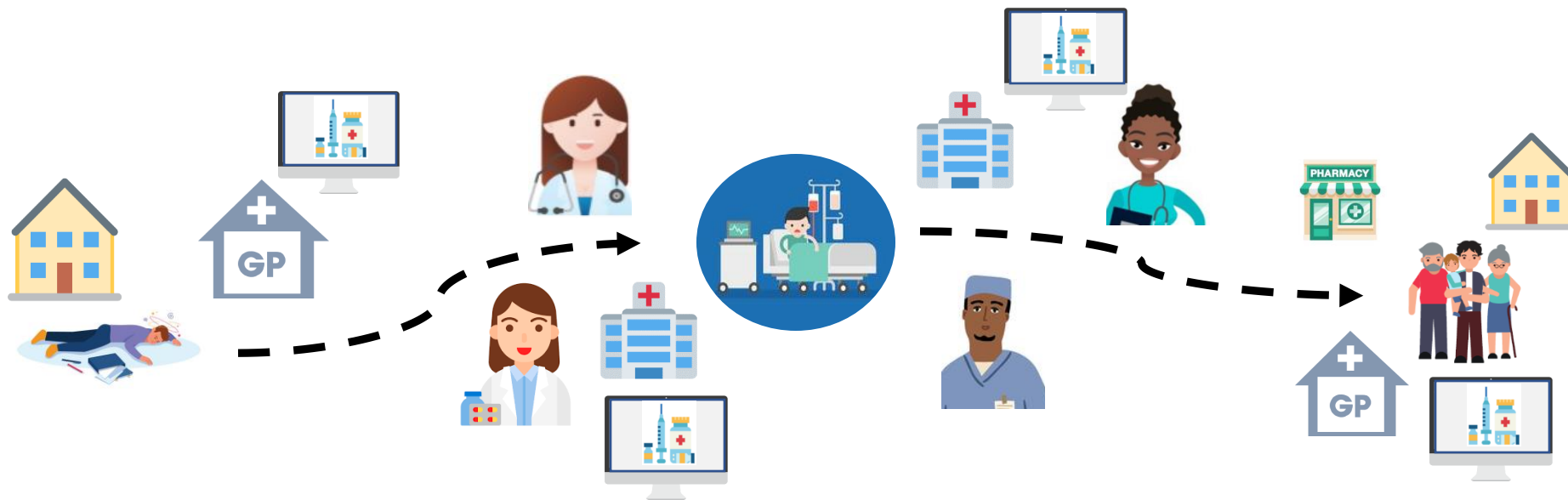
SMITH, Jane M 17 Feb 1945 · 76y 12m i · MRN 9 | Not hospitalized | ⚠ **Known allergies**



All routes **BASIC**

NAME: **SMITH, Jane** ALLERGIES: **Known allergies**

Wed 19 January				Thu 20 January				
00:00	04:00	08:00	12:00	16:00	20:00	00:00	04:00	08:00
No therapies found								



Care Continuity & Elimination of Transcription

- Application of FHIR standards and dm+d
- Remove errors
- Save time
- Improve experience
- Enable consolidated source of truth

Benefits opportunity

MPH Baseline Only

Caveats

Not including day case activity – Only includes LOS > 0

Not including ED only visits

Not including outpatient visits

Excludes duplication of effort

Excludes time involved in correcting errors.

> 8,900 hours

transcribing medicines on
admission

≈ 80% error rate*
with initial DHX

≈ 23% error rate*

transcribing from DHX to active
prescription

> 3,100 hours

transcribing medicines on
discharge summaries

70% error rate*
transcribing medicines on
discharge summaries

Plus

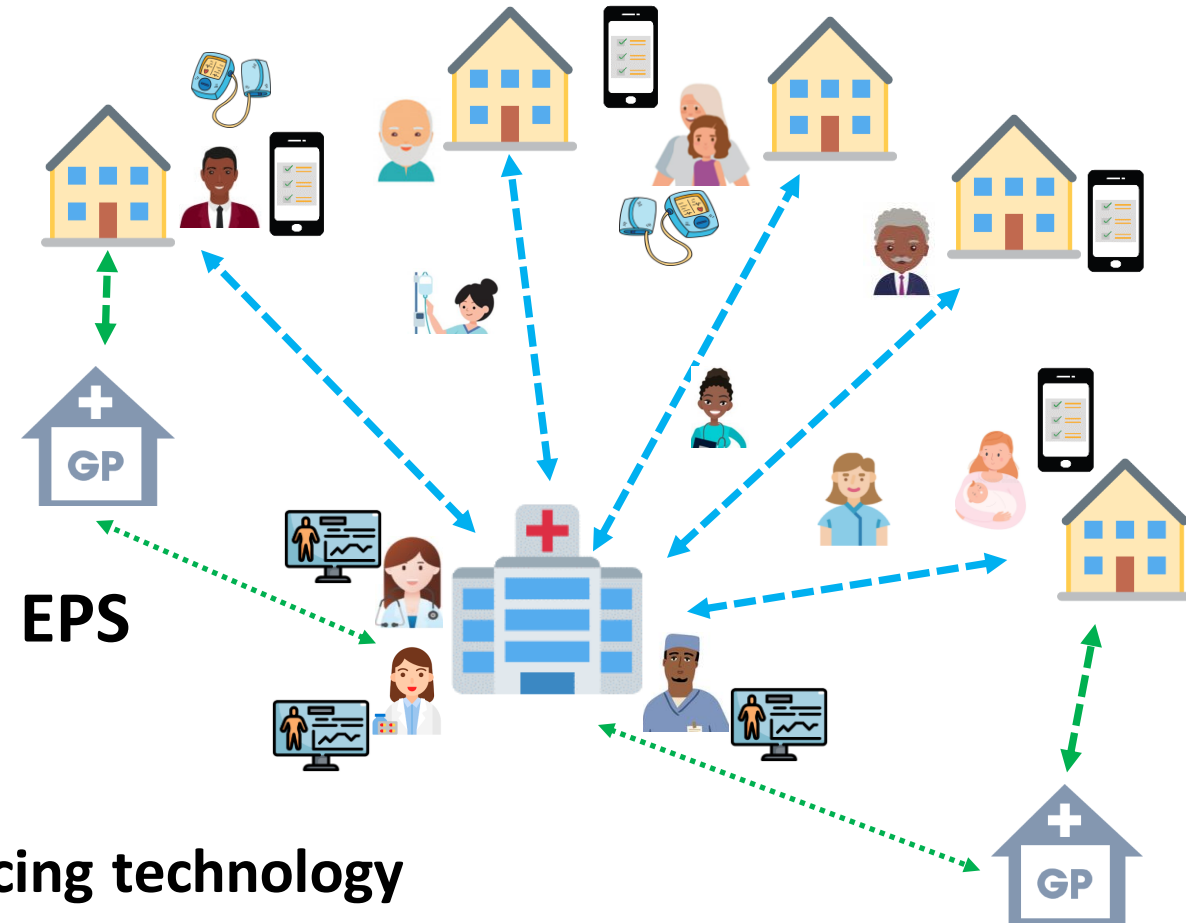
GPs

YDH

All transfer of care.....

New Models of Care - Home Treatment

- Virtual beds across multiple services
- Remote monitoring
 - Patient facing app
 - Vital signs monitoring
- **Transition paper to ePMA, including EPS**
 - Provide remote oversight
 - Remove inefficiencies
 - Enable opportunity for new patient facing technology
 - Seamless medication continuity
 - **Enable through removing care transition errors**



Consolidated Record – In progress



19-Oct 2023 - 19-Nov-2023

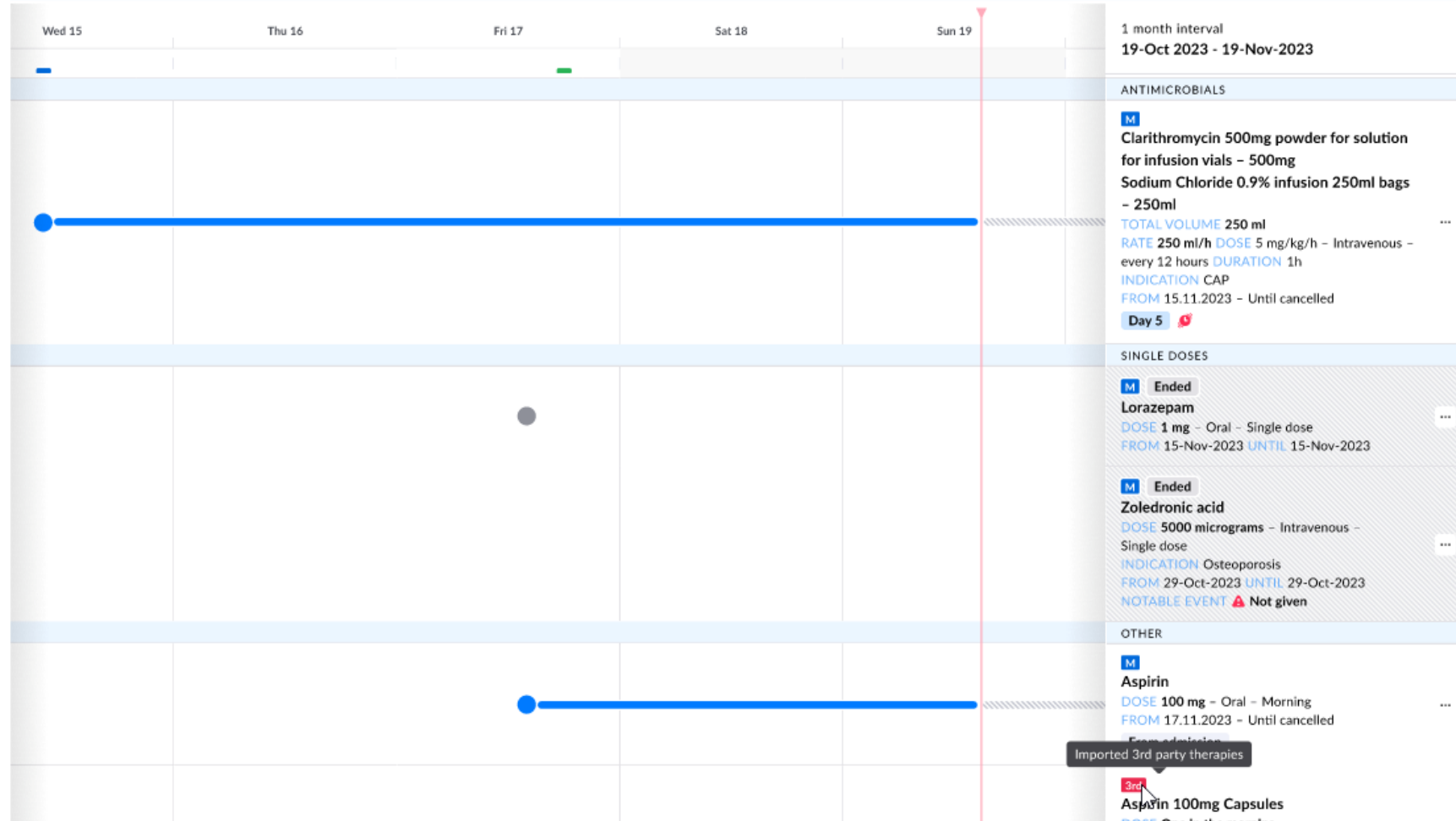
Today

Zoom IN

Zoom OUT

Filter

Filters Applied - Source: MAR, Admission, Regional meds



WW

Challenges / Considerations

- Structured Dose Syntax
 - Interoperability adoption
 - Translating to patient interpretable directions

- DM+D alignment
 - Backwards compatibility

- API performance

- Connectivity
 - Off-line working

- Digital Literacy & Inclusion
 - Oversight of self administration



Digital

Services Data Cyber Developer News About

[NHS Digital](#) > [Services](#) > [Digital and Interoperable Medicines](#) > [Guides](#) > [Introduction to medicines interoperability](#)

Introduction to medicines interoperability

Medicines interoperability enables information about a patient's medicines, allergies and intolerances to flow seamlessly across all health and care services.

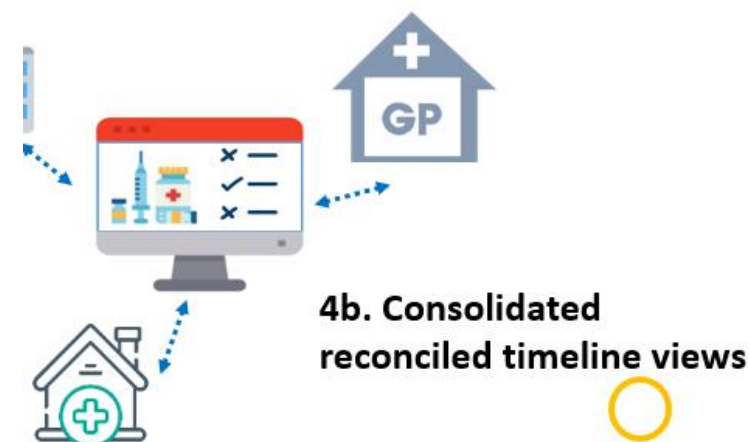
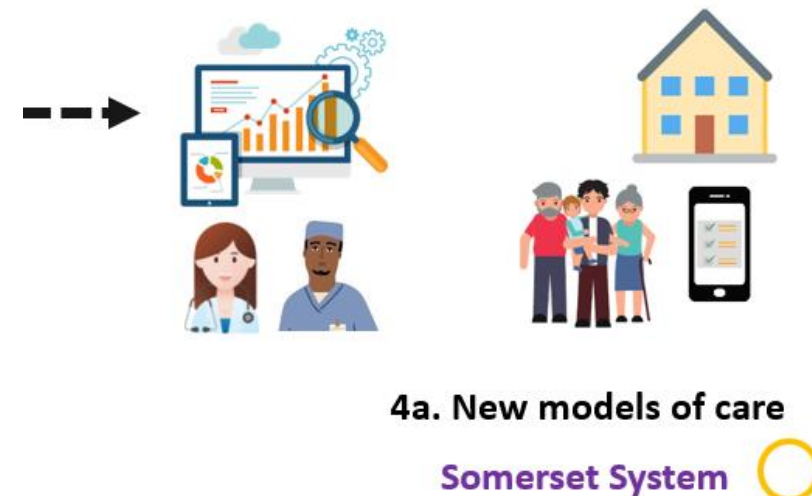


What's next / Opportunities

- Optimising the existing
 - Shared learning

- FoT
 - Integrated EPS in Secondary Care ePMA
 - GP Connect

- Explore
 - Patient facing applications
 - New integration - 3rd party technologies (CDS etc)



digitalhealth

REWired

BIRMINGHAM 12-13 MARCH 2024

Headline Sponsors:



Thank you

» Blueprinting » Blueprints » Conceptualising and Initiating an Effective EPMA Project

Conceptualising and Initiating an Effective EPMA Project

[Back to List](#) [Download as PDF](#)

BLUEPRINT REFRESHED

Taunton and Somerset NHS Foundation Trust is expecting that its new e-prescribing and medicines administration system (EPMA) will remove an estimated 310,000 paper-based individual medicines transcriptions per year, reducing the associated error rate to zero. This will eliminate linked patient harm and save clinical staff hours of time each day.

- [Conceptualising and Initiating an Effective EPMA Project - Blueprint on a page](#)

Organisation: Somerset NHS Foundation Trust Acute
NHS Category: Hospital-Based and Acute Care
Tags: Acute, Blueprint Refreshed 2023, Digital Management Services, EPMA, Foundation, Medicines Management and Optimisation, Multiple

» Blueprinting » Blueprints » The Utilisation of dm+d Native Digital Clinical Systems

The Utilisation of dm+d Native Digital Clinical Systems

[Back to List](#) [Download as PDF](#)

Blueprint of the Month – October 2023

BLUEPRINT REFRESHED

By utilising dm+d the Trust is able to unlock the benefits of interoperability between clinical systems. This includes the elimination of transcriptions of medications from ePMA to our electronic discharge summaries and improved medicines ordering through electronic ordering and integration with the pharmacy stock control system.

Organisation: Somerset NHS Foundation Trust Acute
NHS Category: Hospital-Based and Acute Care
Tags: Acute, Better, Better Meds, Blueprint Refreshed 2023, Enabling Digital Technology, EPMA, Foundation



DIGITAL
AHP AND
PHARMACY
SUMMIT

Stage Sponsor:

