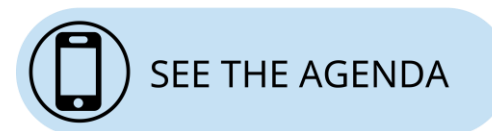




WELCOME TO

The Integrated Care Summit North



16th May 2023 - 8:00am – 3:30pm – Manchester
Conference hosted by Convenzis Group Limited



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The Integrated Care Summit North

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Welcome to the conference, what are you looking to gain out of today's conference?

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Chairs Opening Address



Dr Gurnak Singh Dosanjh
GP and ICB Clinical Lead for Home First
Leicester, Leicestershire and Rutland ICB



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SPEAKING NOW



Professor Martin Green OBE

Chief Executive - Care England

I will be discussing...

"Integrating Health and Social
Care: Time to act"



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Panel Discussion



Dr Gurnak Singh Dosanjh

GP and ICB Clinical Lead for Home First
Leicester, Leicestershire and Rutland ICB



Professor Craig Harris

Chief of Health and Care – Integration -
Lancashire and South Cumbria Integrated
Care Board



Linda Vernon

Lancashire & South Cumbria Integrated Care
Board - Interim Head of Digital Empowerment

We will be discussing...

"ICB Leadership and Productivity Panel
Discussion"



The Integrated Care Summit North



UP NEXT...





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SPEAKING NOW



Martin Taylor

Deputy CEO - Content Guru

I will be discussing...

"ICS Command Centre: A Key
Tech Enabler for Integrated
Care Systems"

Connectedness in Healthcare: The Tech Enabler for Integrated Care Systems

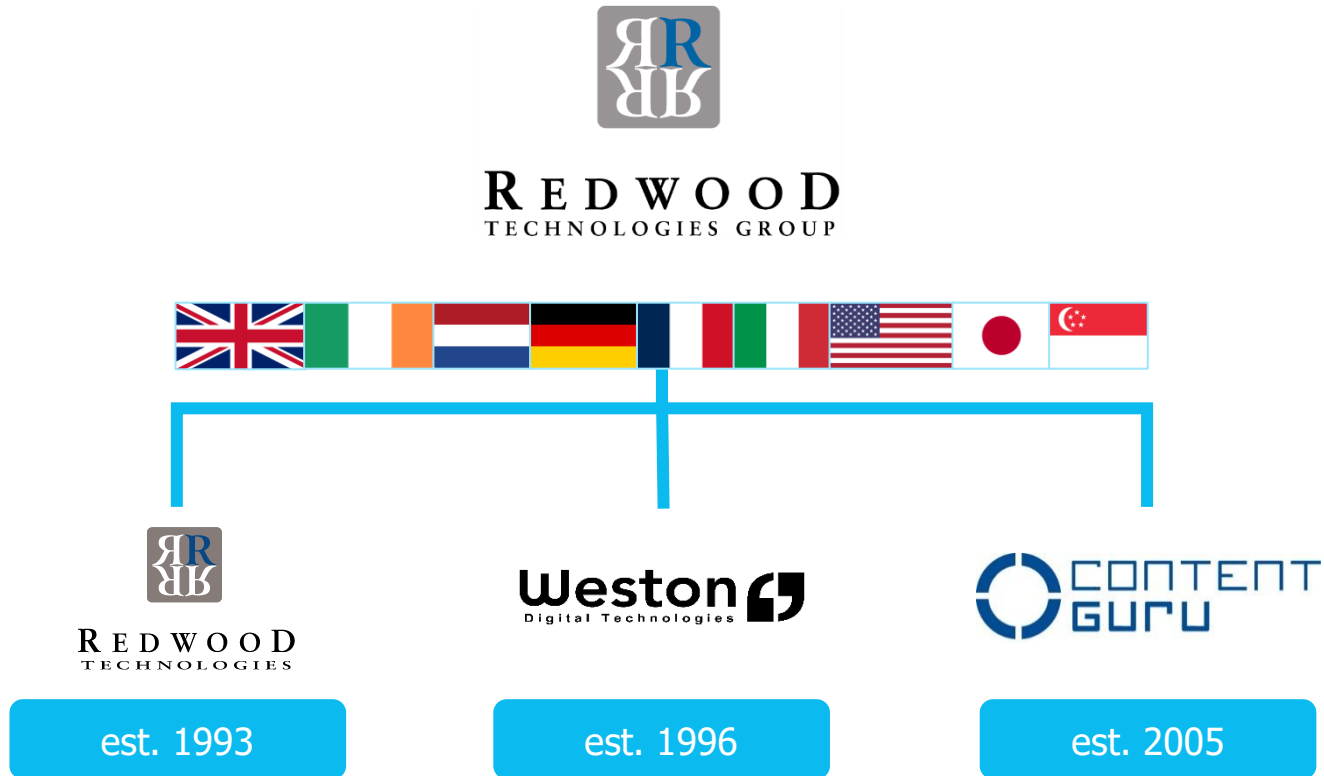
Martin Taylor – Deputy CEO



**Challenges
in ICSs**

**A Unified
Patient
Experience**

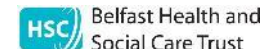
**Examples of
Excellence**



Europe's
leading CCaaS
Cloud Contact
Centre Provider



NHS and UK Public Sector Clients

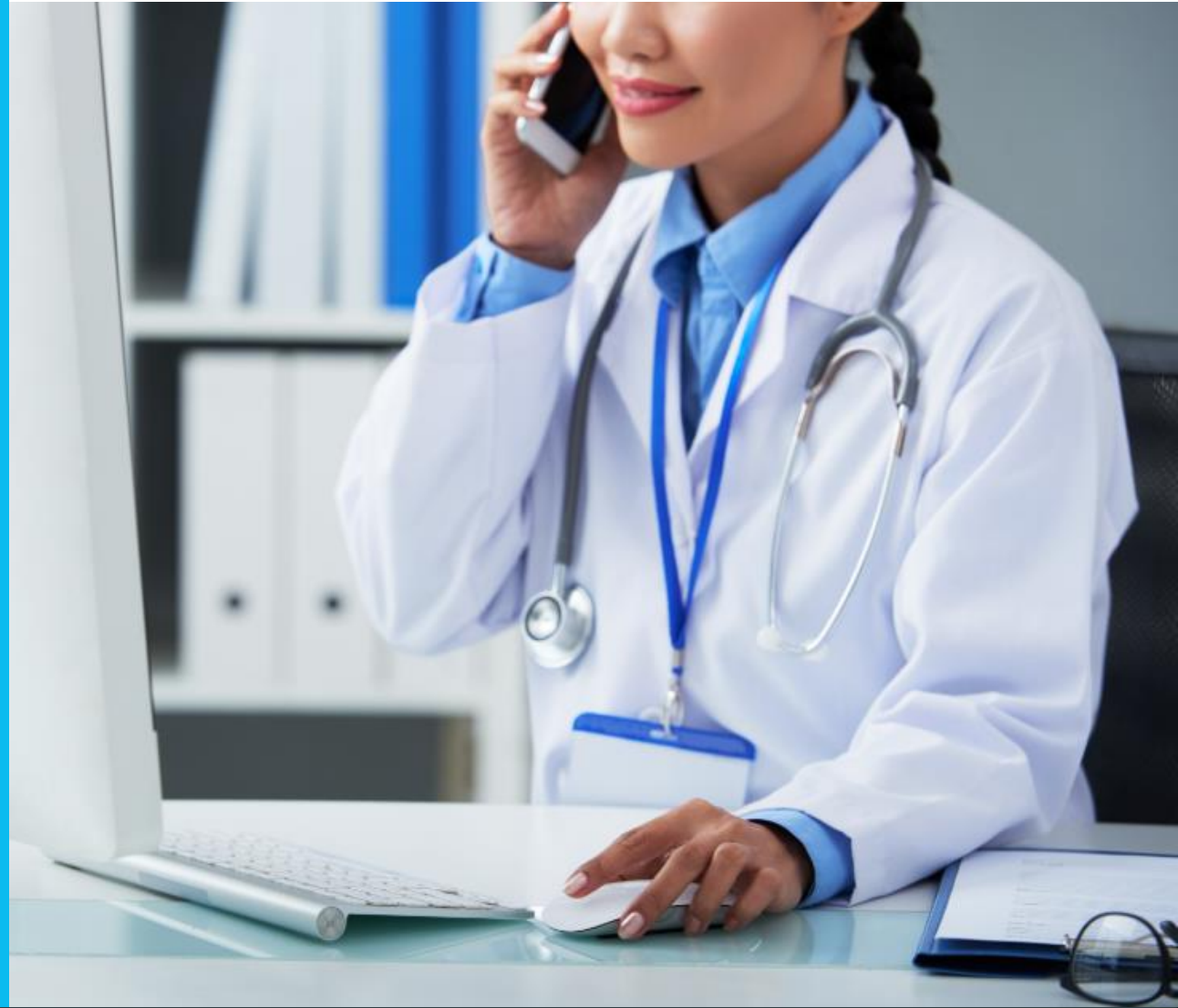


**Single Virtual
Contact
Centre**

**Intelligent
Routing
Platform**

1

Challenges in ICSs



ICSSs cover areas ranging from **0.5 to 3 million** citizens across various regions¹.

Consistent issues are seen across ICSSs:

1. Non-unified patient experience due to differing patient engagement strategies
2. Chronic staffing shortages, extreme resource strain and health inequalities

Expectations from the NHS

Expectations from the Public

The size of the population that each ICSS covers varies, ranging from 520,000 to 3.1 million

Projected populations for each ICSS in 2022/23

521,391  3,146,943

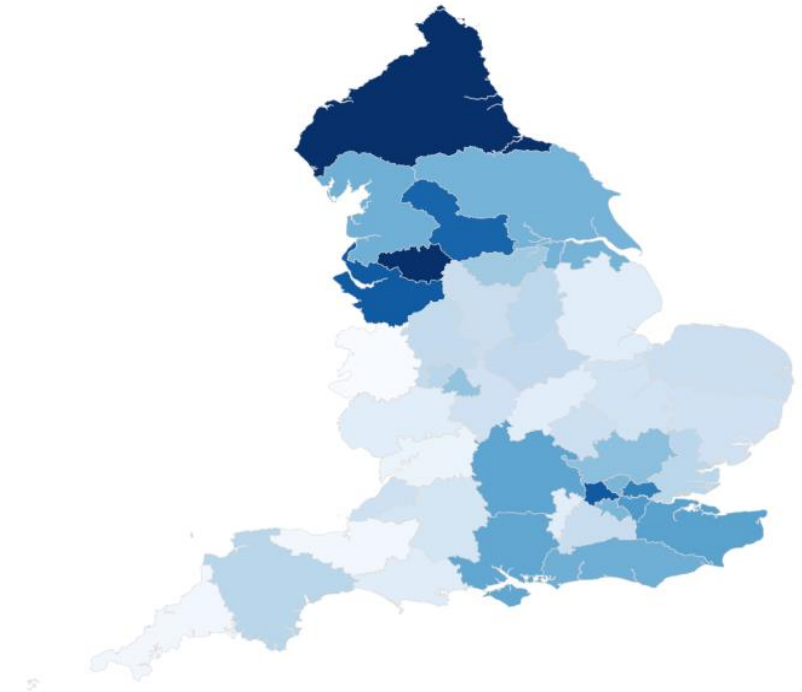


Figure 1: The health foundation: integrated care systems: what do they look like?

1. The Health Foundation

Mandated by the NHS: Data Saves Lives for a single data strategy for health and care, ICSs are faced with commitments they must achieve



1

Public guide and policy guidelines to secure data environments

2

Accreditation and monitoring regime to ensure high standards are met

3

Technical specification for interoperability, cyber security & privacy enhancement

4

Comprehensive roadmap to implement the framework with expectations & deadlines

Public Expectations

What the Public Wants from ICSs

Reduced wait times and ability to self-serve

Consistent personalised care that builds trust

57% feel the general standard of care provided by healthcare organisations has deteriorated in the last 12 months¹



1. The Health Foundation



ICBs running cost allowances must be cut by **30%** by 2026.

ICSs have **four key aims** they need to achieve to improve public service

Improving
population health
outcomes

Support the NHS to
achieve broader
social & economic
development

Tackling
inequalities in
outcomes,
experience &
access



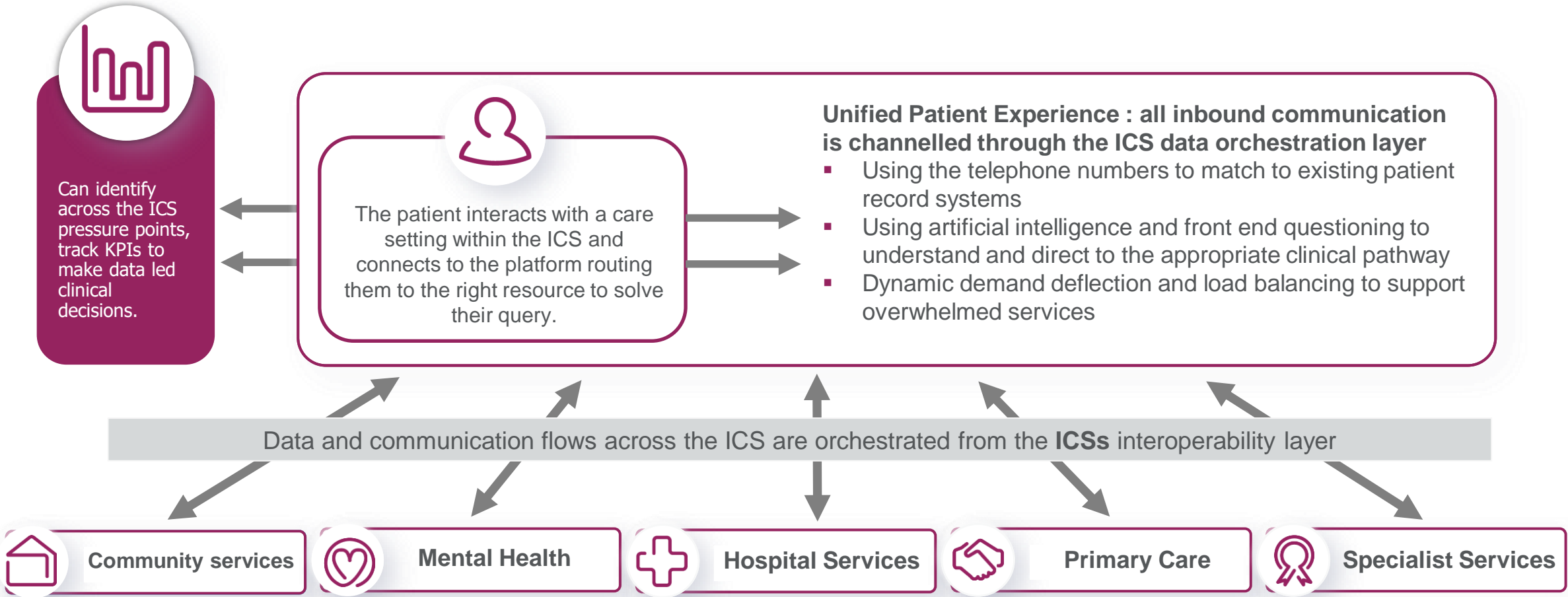
2

A Unified Patient Experience



Integrating Technology into ICSs

Command Centre



Create a unified system using the correct tools, to support your professionals in delivering a high standard of care

Virtual Environments

Virtual Front Door
Virtual Wards

Modern Tools

Natural Language Processing
Intelligent Routing
Self-Service
Machine Automation

Virtual Front Door



Patient fills an online symptom assessment

- Telephone numbers to match patient to existing records
- AI and patient-specific questioning to understand intent
- Automated contact with patient at each step, delivering instructions and empathy

Depending on assessment outcome patient is directed towards appropriate care setting



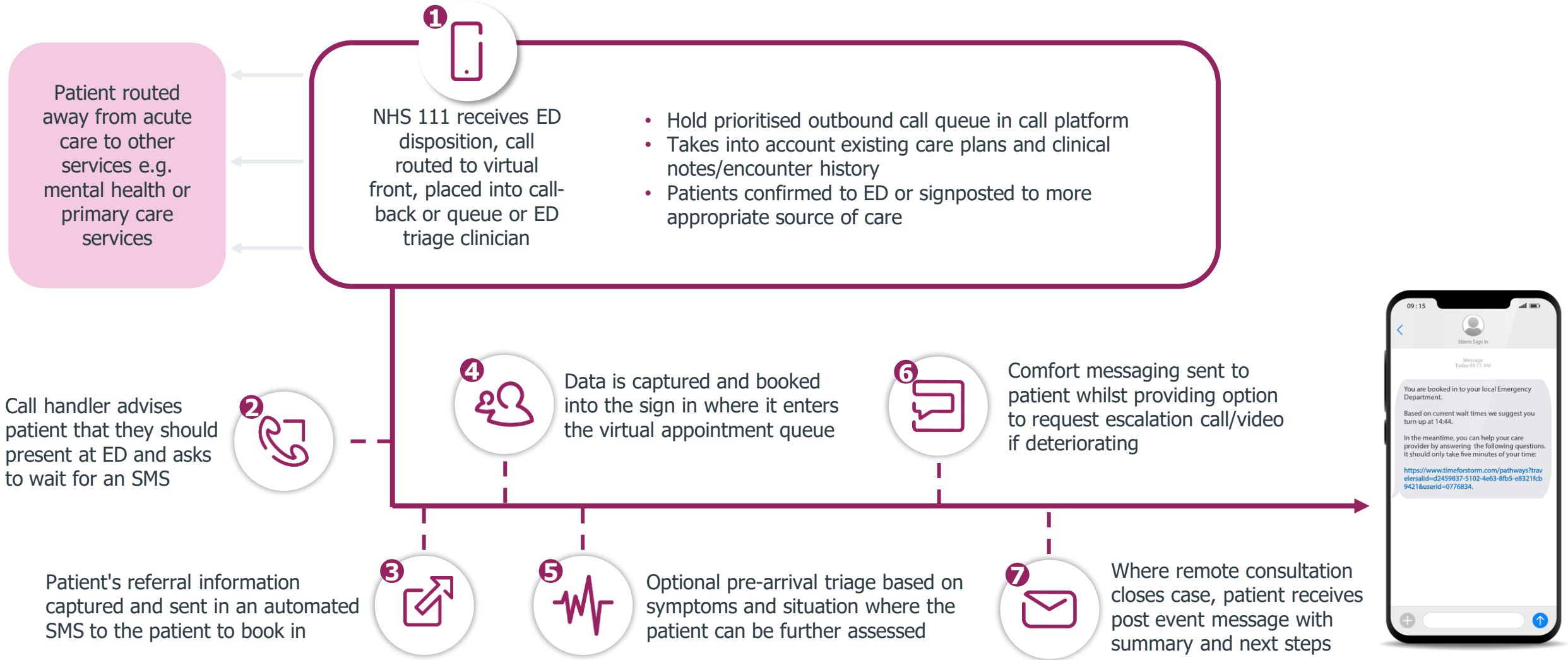
Where appropriate video consultation can be used, increasing capacity for face-to-face consultations



Assessment uploaded to primary care record, informing relevant HCPs if required

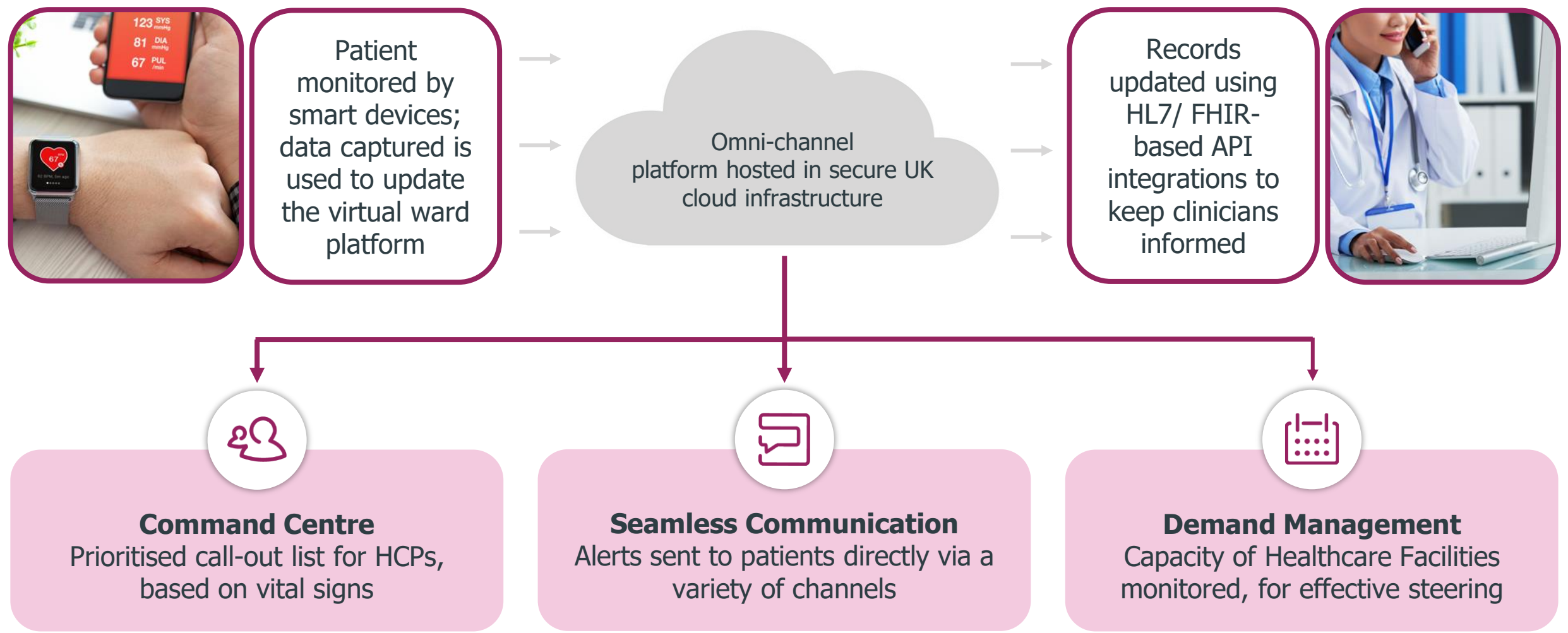
Virtual Front Door

ED Referral



Virtual Wards

At Home Care Supported by Command Centre





Natural Language Processing (NLP)

NLP can process basic details such as caller identity, nature of query and linking relevant medical data.

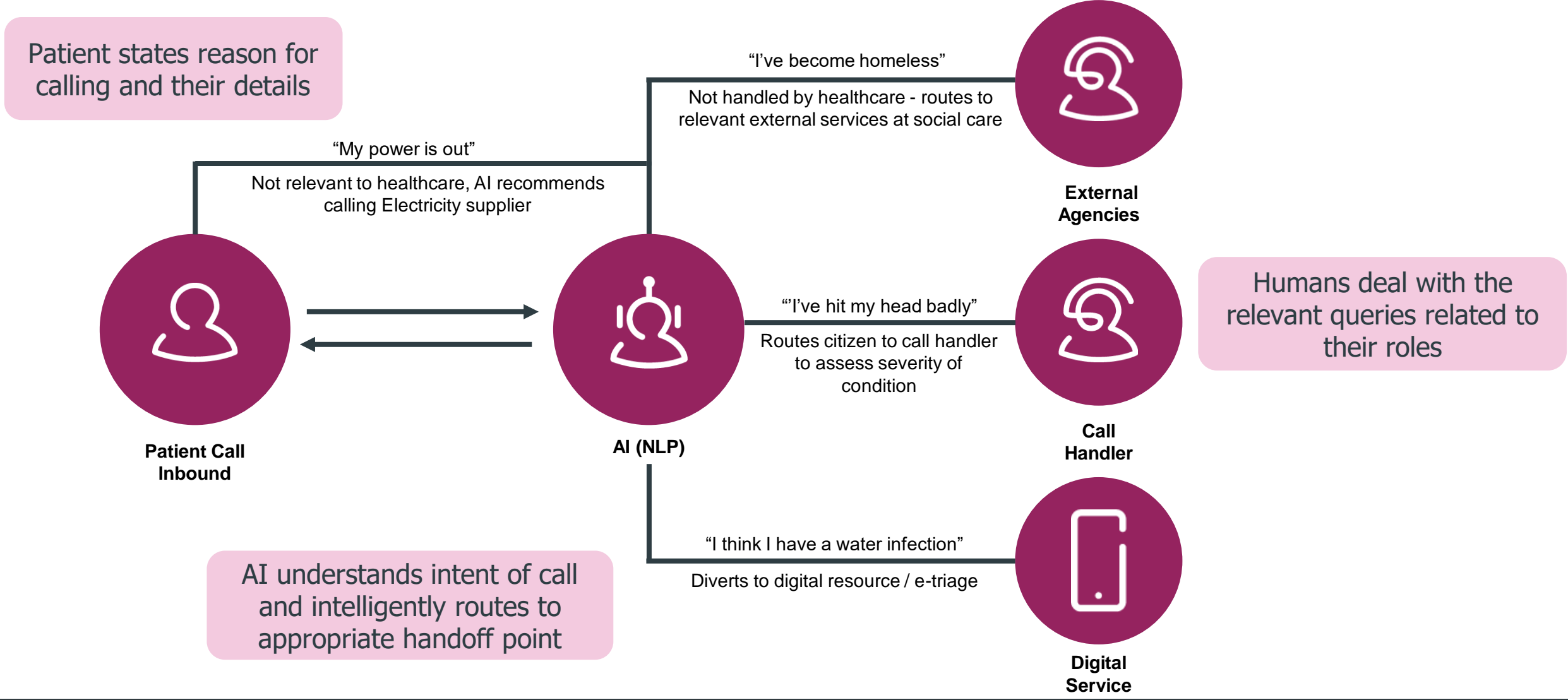


Intelligent Routing with AI

AI can route the patient to the most appropriate healthcare professional, improving the chance of first contact resolution and increasing the efficiency of communication systems.

Modern Tools

Example of NLP and IR





Self-Service

Time and cost-effective way to manage queries that don't require direct interaction. **69%** wish to resolve as many issues as possible using self-service options.¹



Machine Automation

Processes mundane, repetitive tasks freeing up staff for the human element of healthcare.

1. Zendesk 2022

3

Examples of Excellence





One of the top performing NHS 111 and Integrated Urgent & Emergency

Care providers in England, serving **4.3 million** people

6+ years of using **storm**® to deliver 111, CAS and GP OOH services end-to-end

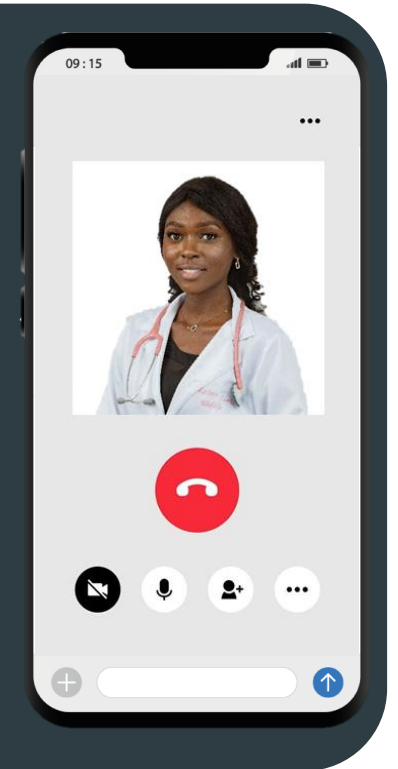
HSJ AWARDS
2021



On Demand Video Consultation

Clinicians send link to the patient's smartphone. Either party can terminate video and voice link will remain.

Voice and video recording for quality management.





Working across **32** local authorities, up to **100,000** calls are handled per week

Approaching **7** years of using **storm**® to assist NHS 111 London Calls

Developed the Patient Relationship Management solution to route interactions in two months to MVP



Patient Relationship Management (PRM)

Automated routing to rapidly direct patients to HCPs

Clinical advisors fed relevant patient information

Comprehensive real-time view of London healthcare

Repeated callers routed to the same call handler

The Command Centre



Orchestration layer across
ICS operational units and
systems of record

A **two-way flow** of communications
and data



Automated, AI and HCP-driven services
Modern tools and machine automation to
transform efficiency and
manage high demand effectively



Powers at-home triage and
care to **reduce strain** on
urgent and emergency care

Thank You

Continue the Conversation . . .

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E: PSHTeam@contentguru.com



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How would you like to follow up with Martin post-event?

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Professor Martin Green OBE

Chief Executive - Care England

Q&A PANEL



Martin Taylor

Deputy CEO - Content Guru



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Morning Break, Networking & Refreshments



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Chairs Morning Reflection



Dr Gurnak Singh Dosanjh
GP and ICB Clinical Lead for Home First
Leicester, Leicestershire and Rutland ICB



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UP NEXT...





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SPEAKING NOW



Rhonda Bradder

Regional Commercial Manager - L&R
Medical UK

I will be discussing...

"Workforce and clinical transformation through partnership working"

Workforce and clinical transformation through partnership working

Rhonda Bradder, Commercial Manager, L&R



The community workforce challenge

“There are less nurses to care and more patients needing care”

The following comments were heard by the RCN during a community nursing forum:

- “Minimum staffing requirements aren’t being met within my team”
- “I am making at least 20 patient visits per day – I don’t have enough time”
- “My experienced colleagues are leaving and not being replaced - this impacts on my patients”
- “My wellbeing is suffering, and I don’t have support”

The burden of wound care is escalating...

3.8

**million
patients**

managed by the NHS
with a Wound

£8.3

billion

Annual estimated
healthcare cost
associated with
wounds

49%

of chronic
wounds healed
within 12
months

71%

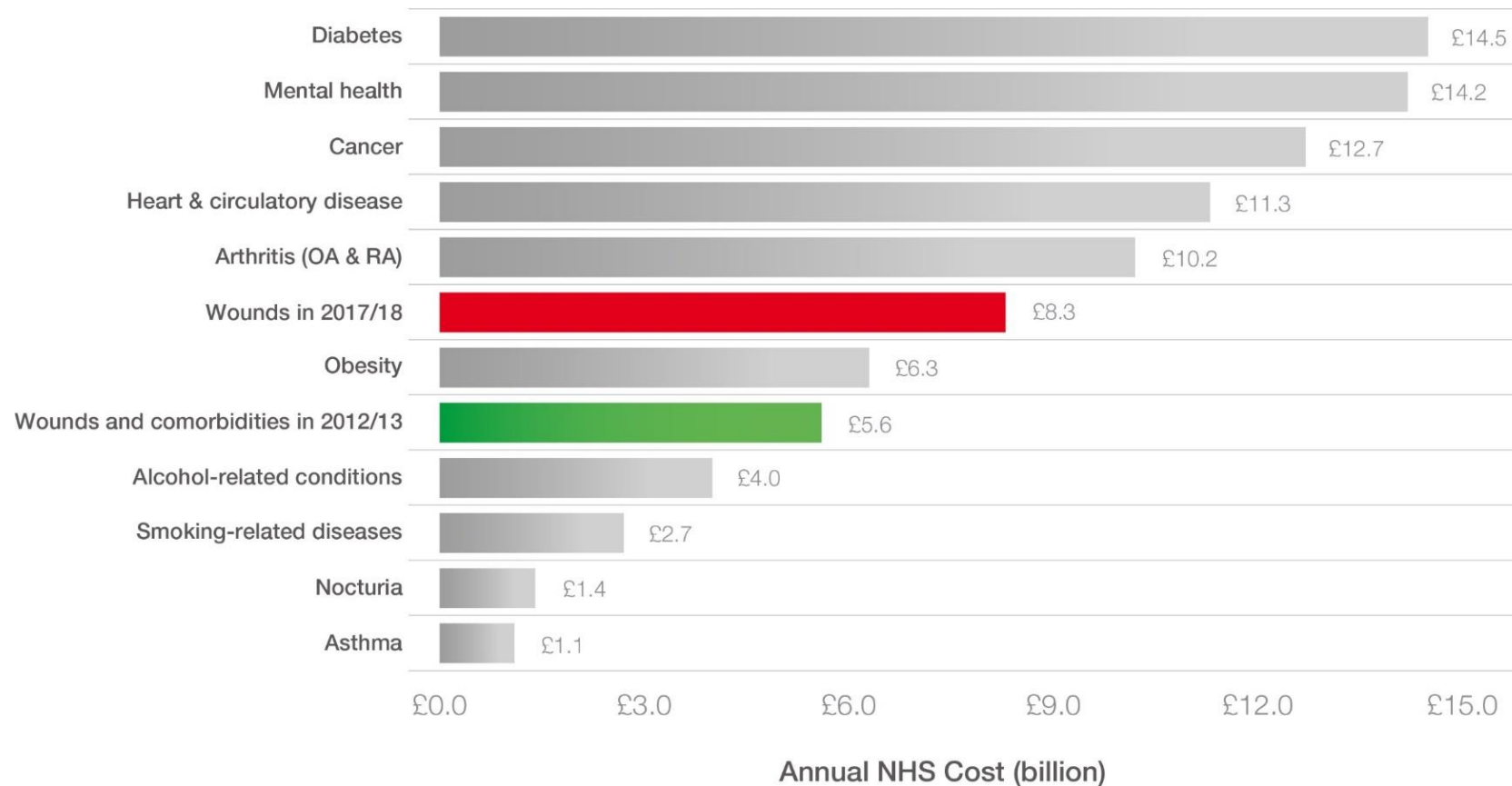
Increase in the
prevalence of
wounds

1. Guest et al. 2020
2. NWCSP, 2020

The burden of wound care is escalating

Figure 1

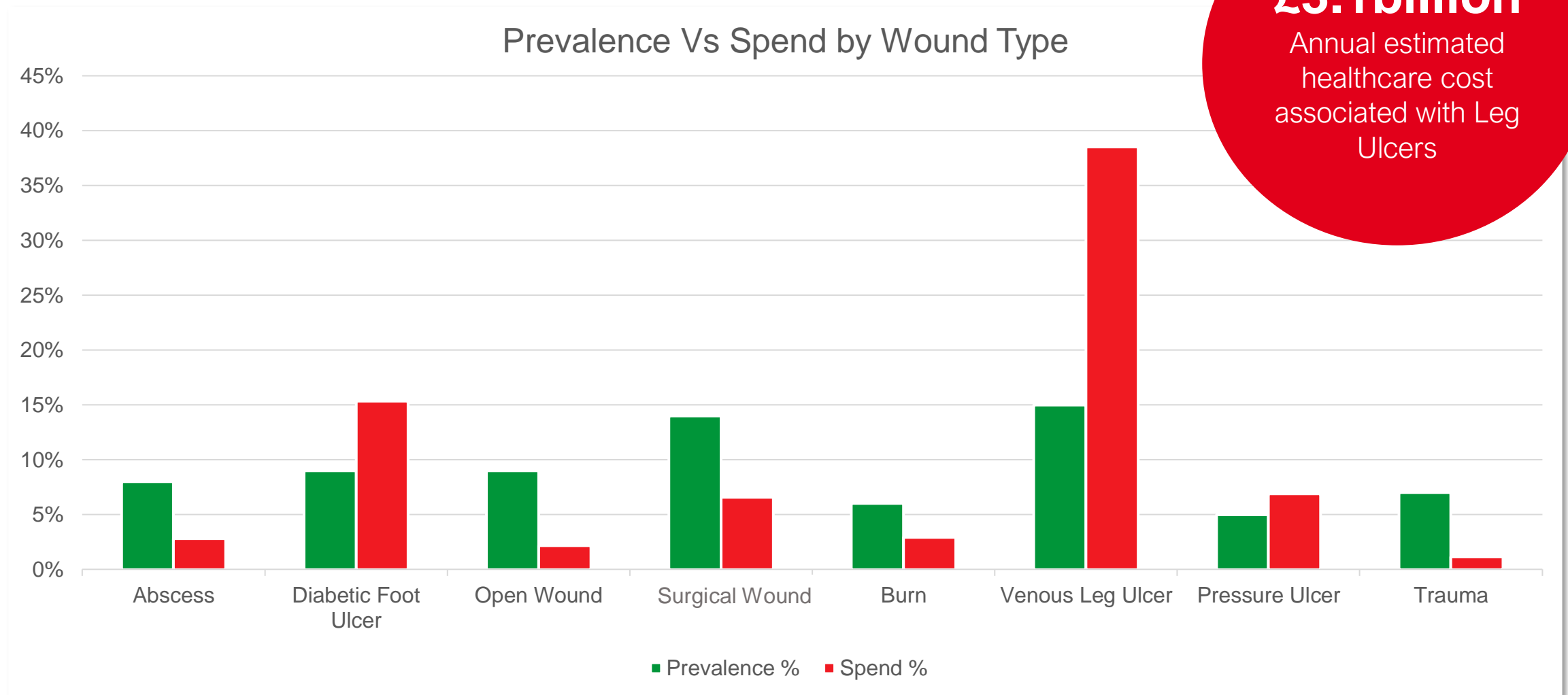
Burden of illness league table Guest et al 2015



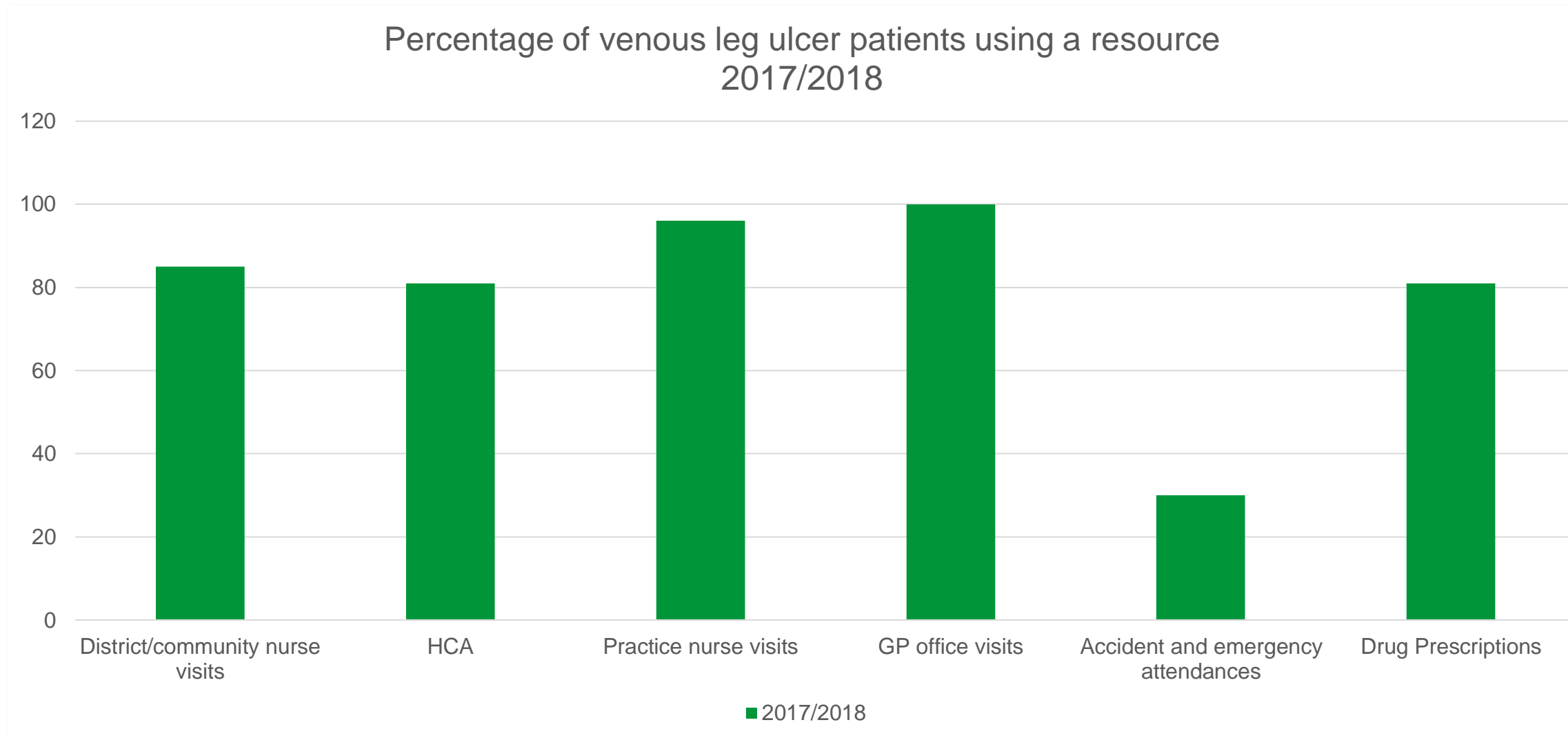
The burden of wound care is escalating

£3.1 billion

Annual estimated healthcare cost associated with Leg Ulcers



The burden of wound care is escalating



Betty's Story

January 2017



NHS RightCare scenario: The variation between standard and optimal pathways



Betty's story: Wound care

January 2017

<https://www.england.nhs.uk/rightcare/wp-content/uploads/sites/40/2017/02/nhs-rightcare-bettys-story-app1.pdf>

Financial information

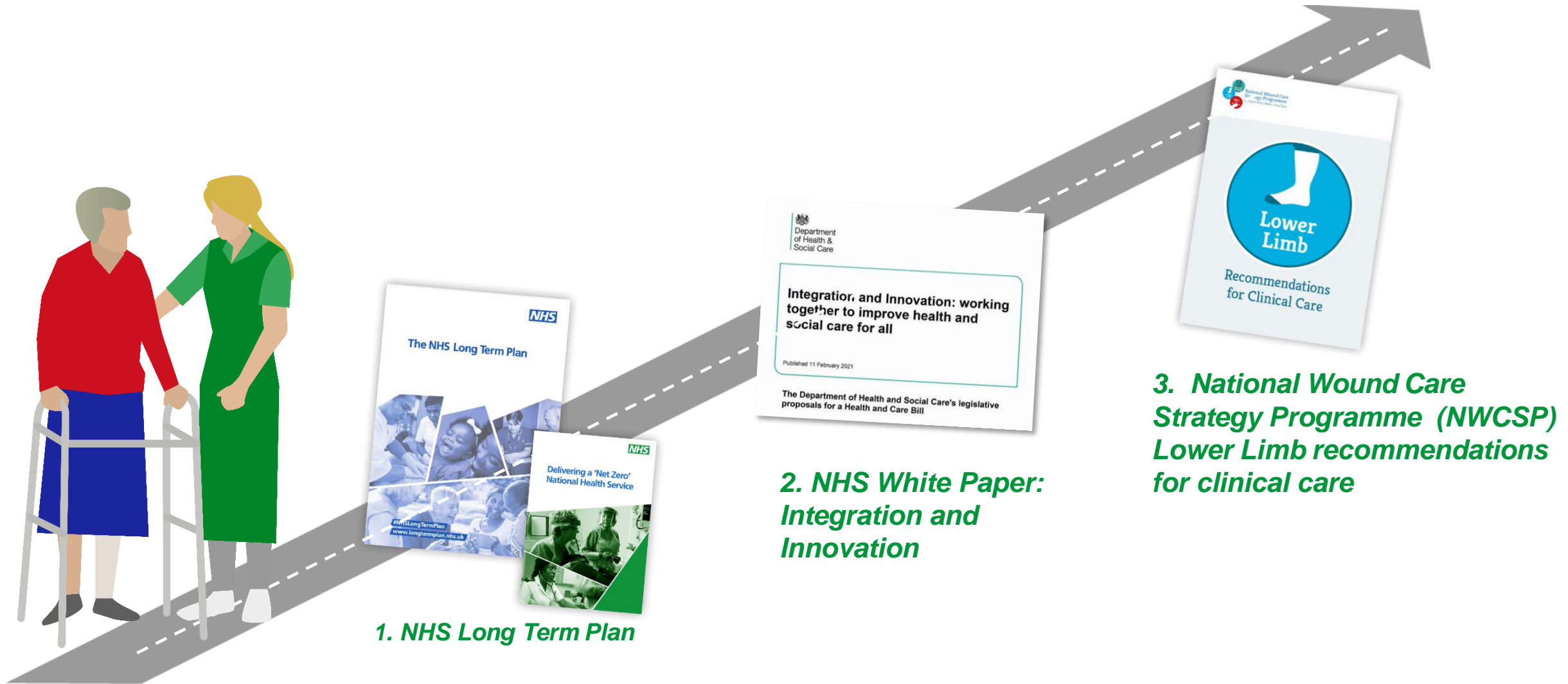


Analysis by provider	Sub-optimal	Optimal
Acute	£1,703	£0
Ambulance service	£466	£0
Community teams	£2,167	£12
Primary care	£1,334	£346
Pharmacist	£3	£3
Leg ulcer pathway	£0	£144
Grand total	£5,673	£505

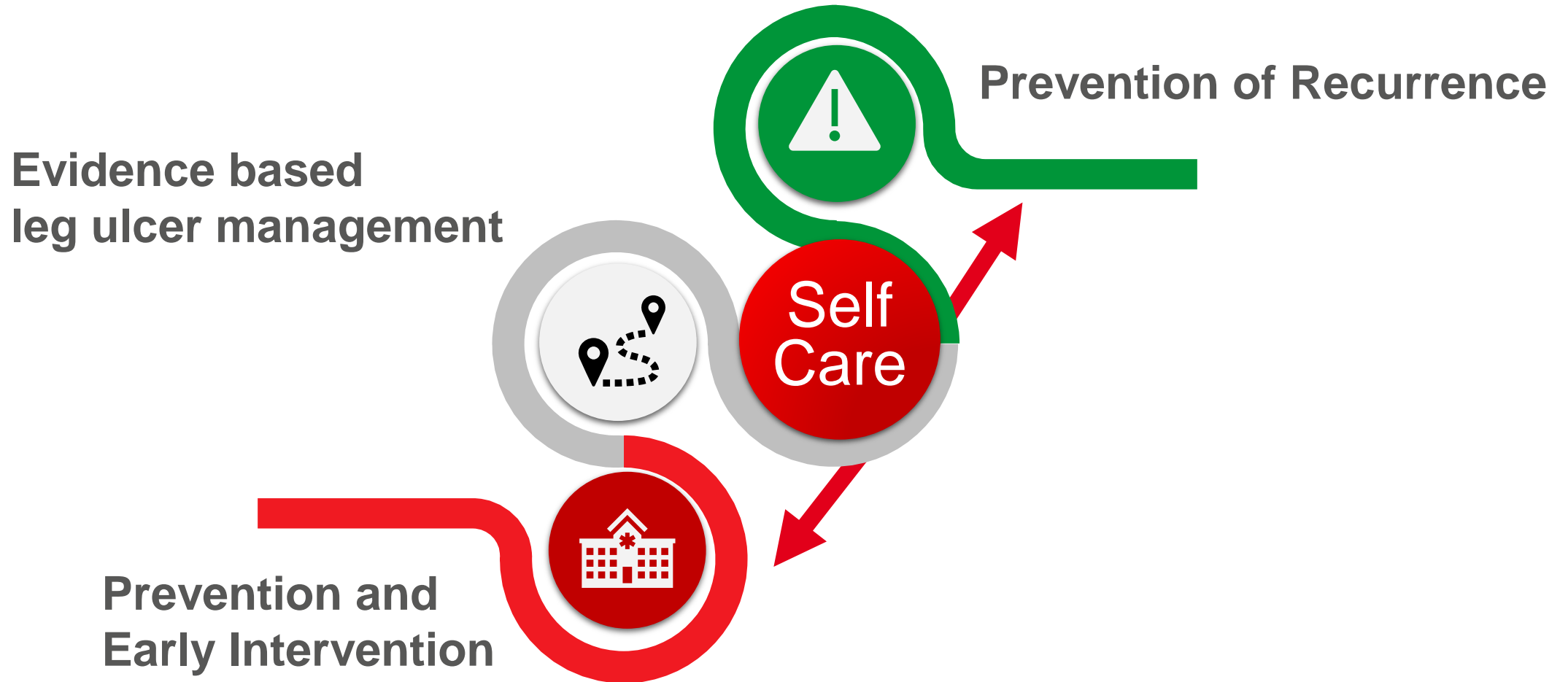
In the suboptimal scenario:

- Dressings represent £1,353 (24%) of the total costs versus £88 in the optimal pathway.
- Clinical time represents £2,139 (38%) of the total costs versus £195 in the optimal pathway.

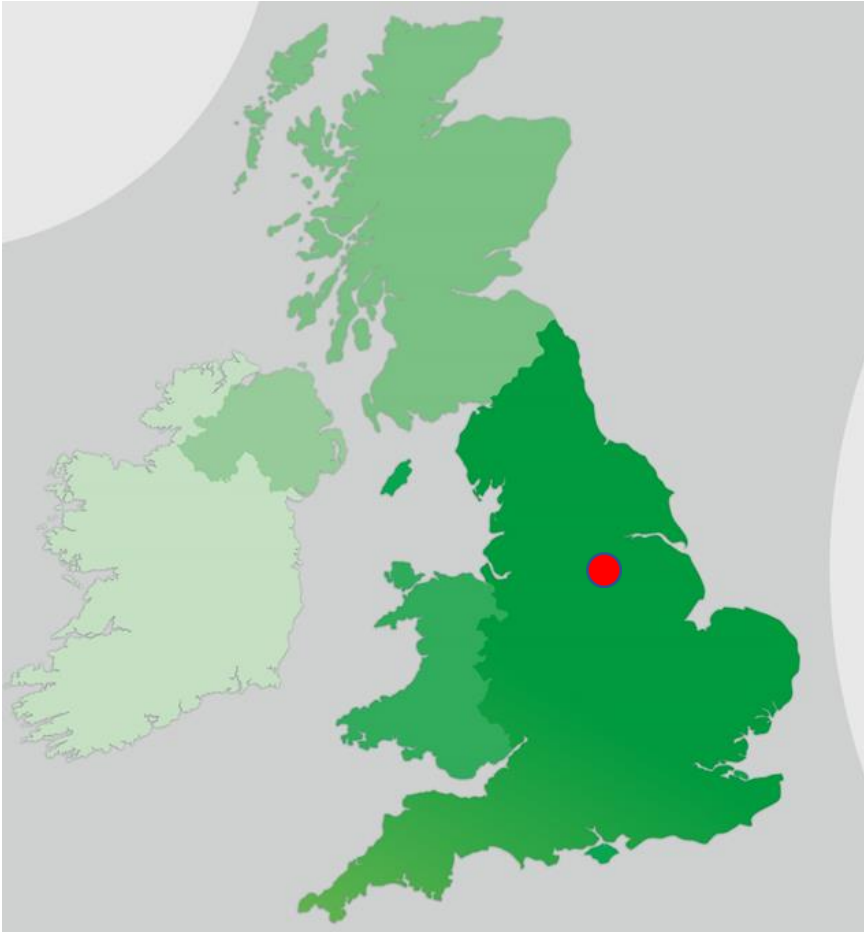
The need to optimise the patient pathway is evident:



A solution for the whole patient journey



South West Yorkshire Partnership Trust



2,000

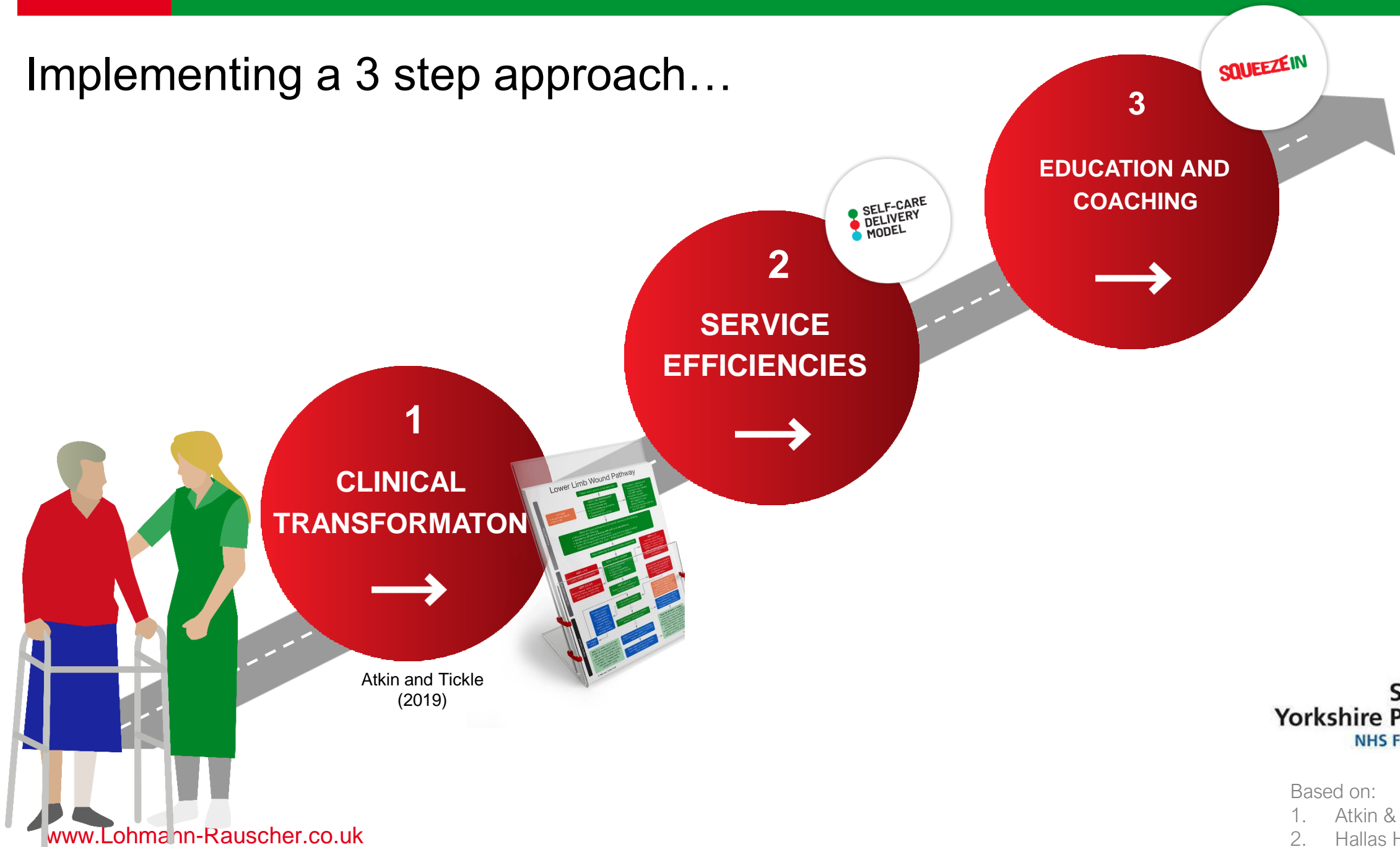
The approximate number of new patients presenting with leg ulcers at South West Yorkshire Partnership Foundation Trust in a 12-month period (2019)

Up to **1,380** may re-present to South West Yorkshire Partnership Foundation Trust with a recurring leg ulcer annually

£4.3 million

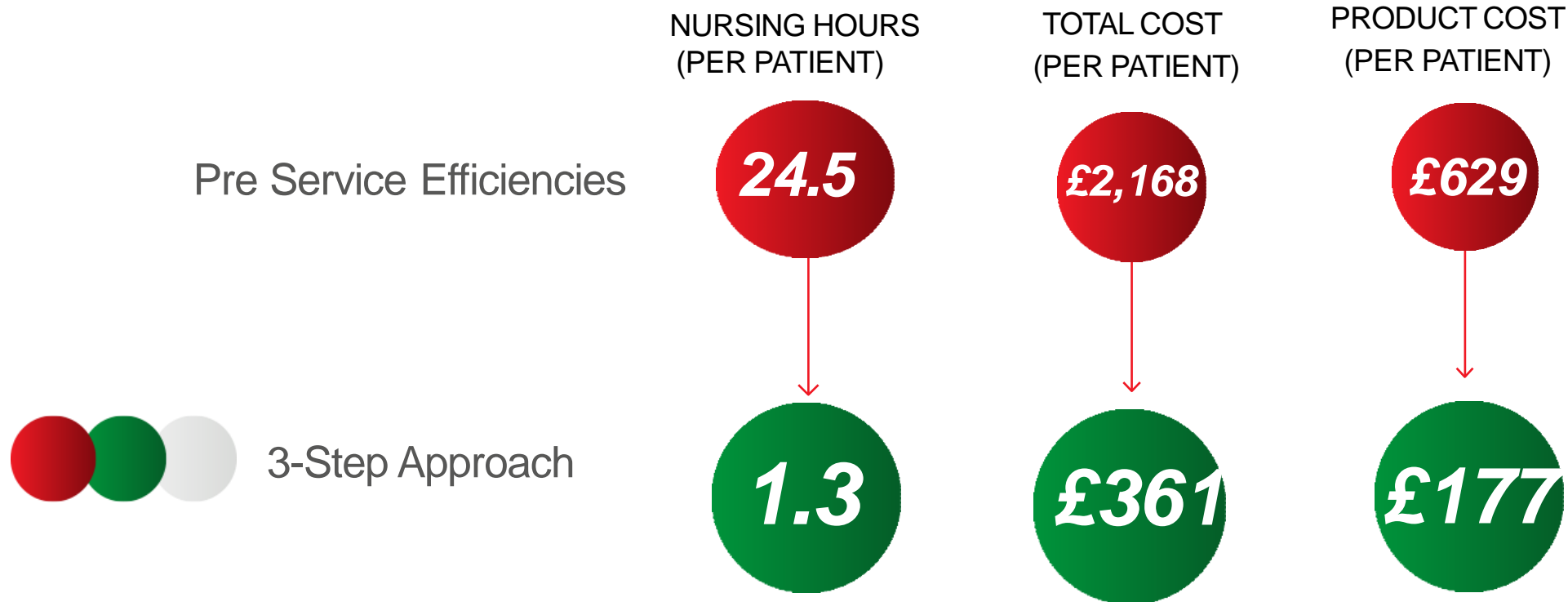
The annual approximated cost associated with treating patients with leg ulcers in South West Yorkshire Partnership Foundation Trust

Implementing a 3 step approach...



Atkin and Tickle
(2019)

The results from service model transformation



**Achieved along with 72% healing at 18 weeks and
99% healing at 42 weeks**

National Scalability

Per 100,000 population:
(total cost release or cost avoidance)

£903,500

If up to 25% of patients with leg ulcers were supported by the self care delivery model nationally

Per 100,000 population:
(product cost release or cost avoidance)

£226,000

If up to 25% of patients with leg ulcers were supported by the self care delivery model nationally

Per 100,000 population:
(nursing hours)

6 FTE

If up to 25% of patients with leg ulcers were supported by the self care delivery model nationally

System wide improvements:

Staff Health and Wellbeing Improvements:

100% of staff reported an **increased level of motivation** to support patients to self-care

80% of staff said they could **spend more time** with patients who cannot self-care and on other care duties

67% of staff believe that using a self care model has **reduced their workplace stress levels**

Sustainability:

60% reduction in miles driven (where patients are treated on the Self Care Model)

£535 saving in fuel costs per 100 patients

1,471kg saving in CO2 per 100 patients

Improved patient outcomes

- Enabling patients to stay in employment while receiving treatment
- Patients preferred not being confined to set appointments
- Reduced financial impact due to travel
- Increased empowerment to take ownership of their care
- **Friends and Family Test: 100% rated the Leg Ulcer Service outstanding with no negative comments (1,481 respondents)**

100%
Outstanding
friends and
family test



Comments from patients on the self care delivery model in
South West Yorkshire Partnership Trust

Award winning approach

HSJ Partnership Award March 2022
Most effective contribution to clinical redesign L&R Medical and SWYPT

“The project achieved impressive results with regards to the impact on workforce utilisation and patient empowerment while ensuring high standards of clinical outcomes. There is considerable potential for the approach to be rolled out rapidly and at scale across the country which is likely to result in significant savings of care hours needed as well as costs, while allowing patients to have more flexibility with regards to their care.”



Summary

- The burden of wounds is growing, placing a significant impact on the patient population and the NHS
- This is compounded by the community workforce challenge that is more prevalent than ever before
- Working together we can achieve workforce transformation by implementing a self care programme, reducing the demand on workforce capacity, improve service efficiencies and deliver wider benefits for both patients and the clinical team.



References

1. Guest JF, Fuller GW, Vowden P. Cohort study evaluating the burden of wounds to the UK's National Health Service in 2017/2018: update from 2012/2013. *BMJ Open* 2020;10:e045253. doi:10.1136/bmjopen-2020-045253
2. NWCSP, National Wound Care Strategy Programme (2020) Lower Limb Recommendations. Available online at: <https://www.ahsnnetwork.com/app/uploads/2020/10/@NWCSP-Lower-Limb-Recommendations-13.10.20.pdf>
3. NHS Right Care 2017. NHS RightCare scenario: The variation between sub-optimal and optimal pathways. Betty's at: <https://www.england.nhs.uk/rightcare/wp-content/uploads/sites/40/2017/01/nhs-rightcare-bettys-story-narrative-full.pdf>
4. Hallas-Hoyes et al. (2021). An advanced self-care delivery model for leg ulcer management: a service evaluation. *JWC*
5. Atkin, L. et al. (2019) Updated leg ulcer pathway: improving healing times and reducing costs. *British Journal of Nursing*, Vol 28. (20) Suppl.
6. COVID 19 - Advice in relation to Wound Care in Community Services.
7. HSJ Partnership Award 2022
Most effective contribution to clinical redesign
L&R Medical and South West Yorkshire Partnership NHS Trust, Tissue Viability Service

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How would you like to follow up with Rhonda post-event?

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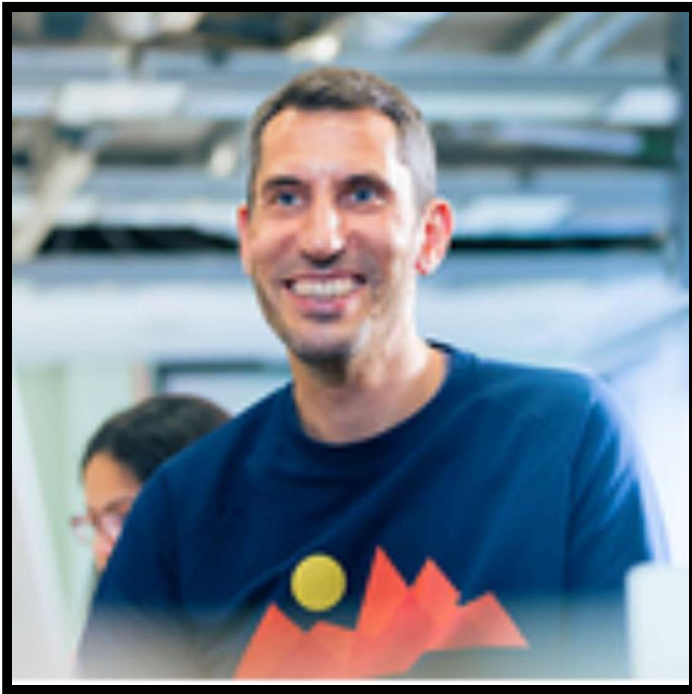
TPXimpact



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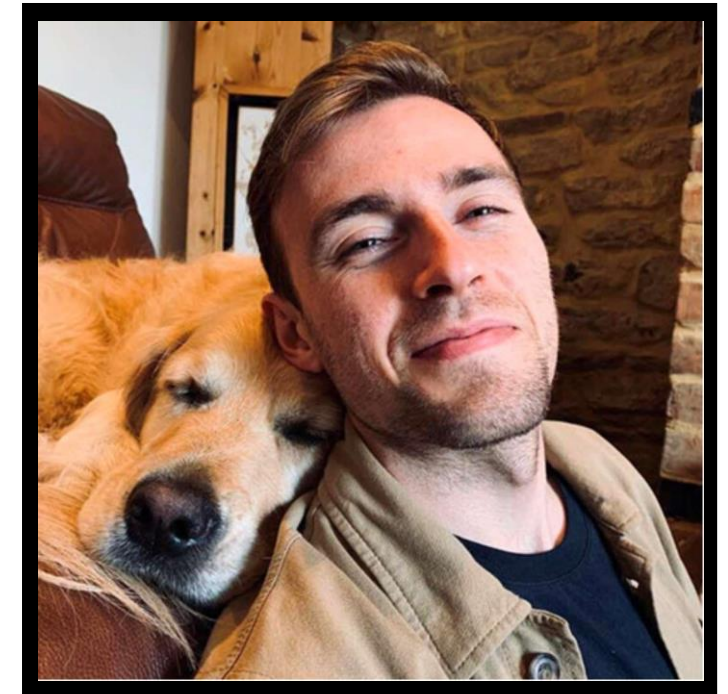


Ben Showers

Partner - TPXimpact

We will be discussing...

"Improving Patient Pathways"



David Robson

Senior Service Designer - TPXimpact



Improving patient pathways

**Creating a simple, consistent and
integrated experience for all**



Hello! We are Dave and Ben



Ben Showers

Health partner
@benshowers



Dave Robson

Service designer
@daybydayv

We worked with wonderful people

The incredible patients and staff within Bucks who made this project possible



Ian Roddis
Interim chief
digital &
information officer



Julia Fish
Digital project
manager



Hannah Z
Design researcher



Mo A
Technology lead

Buckinghamshire Healthcare Trust (BHT) wanted to understand the patient experience across gynae and cancer pathways - from a communications and information provision perspective.

We took a human-centred design approach

Agile and iterative.

Open and transparent.

Digitally collaborative.



What we discovered for patients



Information that patients receive can be confusing. They experience challenges with appointments, don't have visibility of their journey, and feel they are discharged without direction - not knowing risks, what to expect, or who to contact

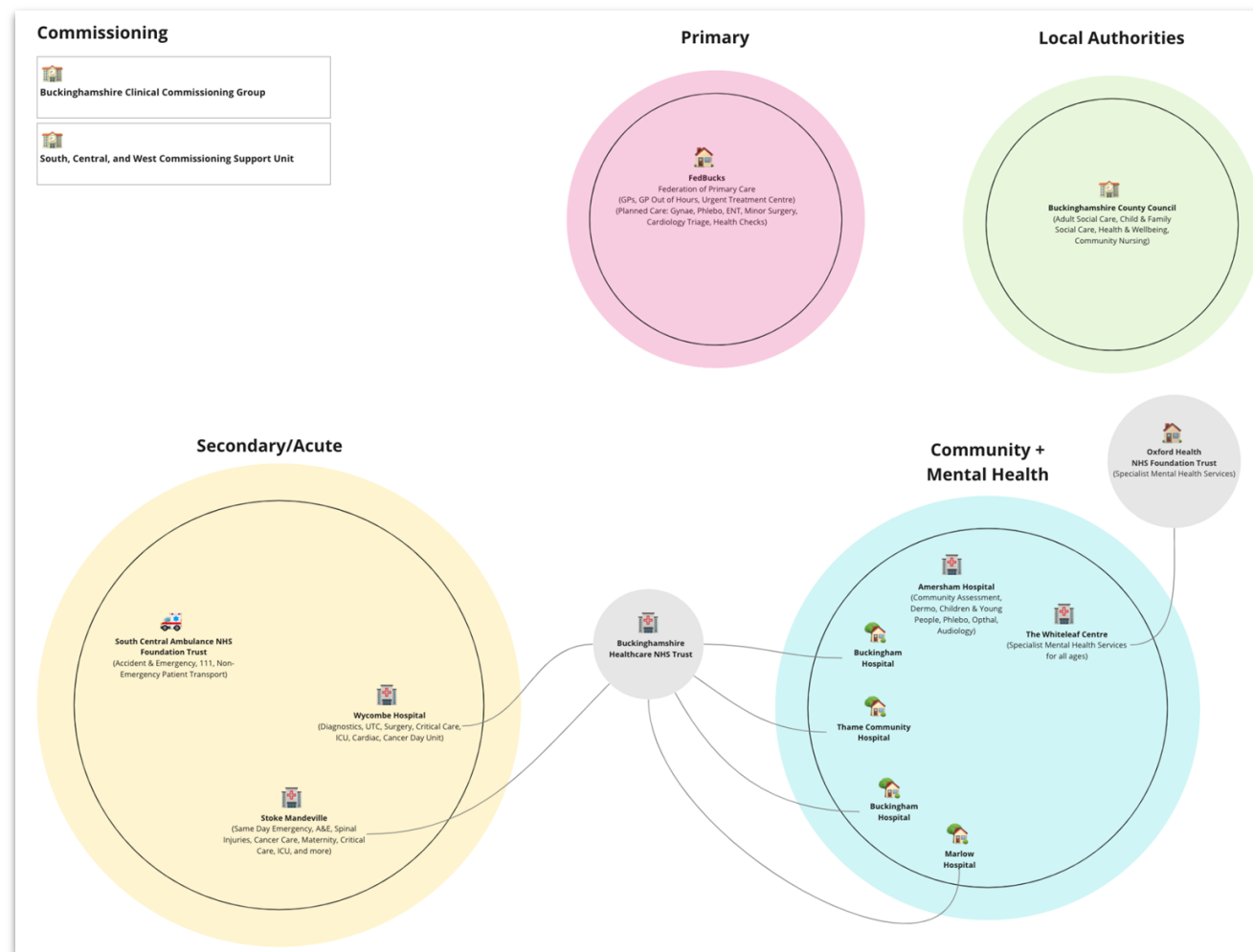
What we discovered for staff



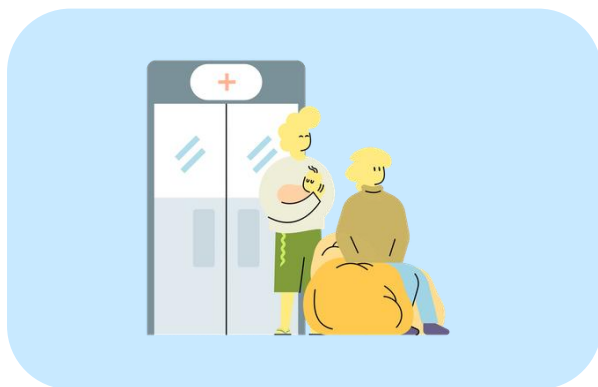
Staff time is precious. Too much time is spent traversing a complicated tech landscape. They can't access reports, don't have a full picture of the patient's journey, and have difficulty communicating between departments and sites.

How did we get there?

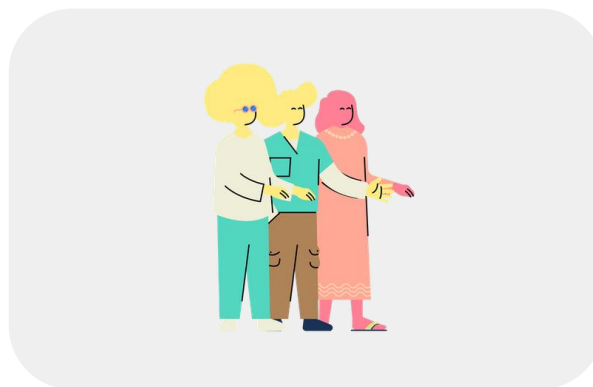
We knew this would involve more than one organisation across the system



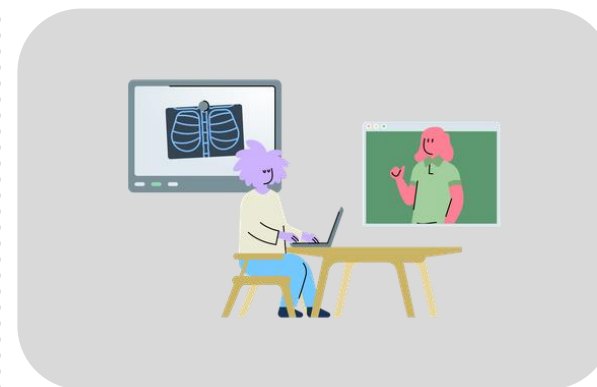
We took a full-service approach...



Patients
Cancer, Gynae,
Community Groups



Clinical & Admin Staff
GPs, Consultants,
Nurses, Healthcare
Assistants, PX



Digital Back Office
Product Managers,
Digital Team



...and used a range of methods

Patients

Friends and family data

Hospital pop-up

Desk research

Survey

Interviews

Staff

Tech workshops

Clinical staff workshops

Survey

Interviews



Hospital pop-up



Friends & Family Test Qualitative Data



Pap+V

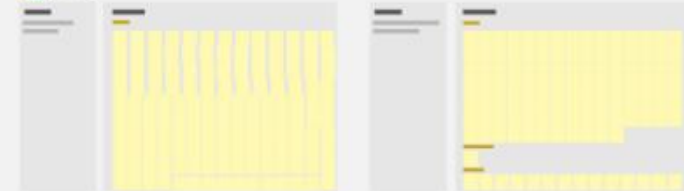


Pap+V



Interviews

Patients



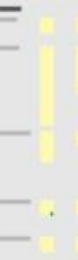
Carex



Medx



Staff Survey



Staff Survey



Our research wall

Cancer Patient Journey

Our journey map

Summary
Buckinghamshire Healthcare NHS Trust (BHT) and TPXImpact have delivered a patient pathway discovery project to understand more about the patient experience. This journey map is the synthesis of our discovery, across the cancer pathway.

Key Context
This journey map is to help BHT understand where there are opportunities for improving the patient experience across all pathways. We have used the Cancer pathway as just one area for our overall research.
We are fortunate to have worked with the Cancer team, who have been willing to engage, to better understand where there are opportunities to improve the patient experience across BHT.

Meet Rhonda
Rhonda is 49 years old. She lives in Bucks with her partner and dog. She enjoys being active and countryside walks.

Journey Map Scenario
Rhonda lives a healthy lifestyle. She has not had much engagement with healthcare services up until this moment in time and does not have a deep knowledge of medical terminology. Recently, she hasn't been feeling herself and following inspection discovers a lump on her body.

- How to use it**
- Focus on understanding and addressing both patient and staff pain points
 - Look through the pain points on this map and consider how we can address them
 - This map should be an evolving document. Add more insight to it over time
 - Consider testing and adopting the ideas shared by patients in the successes swimlane

Research considerations
This journey map is not intended to be representative of all cancer patient experiences. All healthcare journeys are unique and cancer journeys, especially, can be episodic and complex in nature.



Sharing symptoms with a doctor

Step.
The key activities that Rhonda is involved in throughout the journey.

Rhonda has been feeling fatigued for a while and finds a lump on her body. She's worried

Rhonda calls her GP and attends an appointment later that day

Rhonda's GP refers her for tests at the hospital. She is told to expect to hear from the hospital within 3 weeks

Feelings and needs.
What Rhonda is feeling as she progresses throughout the journey.

"It's uncomfortable to verbally say to someone that I have a lump. My go-to would always be digital."

Includes real quotes from patients.

Positives.
Interactions or parts of the patient experience that are good.

Patients have expressed difficulty in accessing GP services in the first place

Pain points.
Challenges the patient experiences on their journey.

Information on referral letters - when to contact, who to contact - is not always accurate, causing patients to be distressed and contact the hospital. Letters can be late, too

"I can't communicate with my GP unless I go through Patient Access. It's a nonsense, I just want a consultation."

"I was not given a date. I had to call them and follow up to say I haven't heard. It felt like a blur." "Sent late. Appointment nearly missed."

Staff.
Which staff roles are involved at different stages.



Activities.
The main activities staff are delivering at this stage of the service.

Booking appointments, holding initial appointments, and sending referrals

System pain points.
Challenges the staff experience while

Lack of system understanding, speed, and reliability
eRS and triage software runs slowly for GPs and Admin teams. Systems can sometimes crash.

Lack of systems management & consistency
Multiple different systems require logging into separately. Multiple different systems sequence multiple hospitals.



Referral and testing

Rhonda waits more than three weeks to hear from the hospital, so chases via email and phone before receiving a letter confirming details of her appointment

Rhonda isn't sure what the various tests are and how to prepare for them. She looks for information online and tries to contact the hospital for more information

Rhonda attends the hospital for her appointment. She's not sure where to go or what is going to happen. She's come alone

Rhonda spends the next few hours undergoing various diagnostic tests at the hospital. It's a long day

At the end of the day, Rhonda has an appointment with the consultant and a Macmillan nurse where she is given an initial diagnosis

"I never received communication for today's appointment, only word of mouth."

"It feels like you're wetting yourself (MRI) - nobody told me this."

Patients have found setting realistic expectations in advance helpful - such as the number and type of diagnostic tests to expect on a given visit

Patients have found setting realistic expectations in advance helpful - such as actual waiting times

"After they said you have cancer, I didn't really hear the rest of the words."

Appointments aren't working for patients - there are double bookings, lack of available times, bookings with short notice, poor communications, and inefficient locations

Language and information in communications is confusing and unhelpful for patients. It doesn't always make sense and they can misinterpret it

From the information provided, it's difficult for patients to prepare emotionally and logistically for diagnostic testing

Waiting for expected communications, such as diagnostic results, is distressing. Patients feel left in the dark and contact the hospital

Receiving upsetting news of a cancer diagnosis is a tough moment and patients have found anything other than face-to-face to be upsetting

"Expected to be in two places at once."
"I couldn't make appointments because letters came late."

"I had an appointment come through for radiotherapy. I saw the word radio and thought I have cancer, but it was for an MRI scan."

"I was not prepared for the biopsy. I had no idea. It was much more invasive than I had expected."

"During the wait I felt nervous, scared."
"The waiting is the biggest thing. Would have liked regular check-ins."

"Telephone consultation - poor delivery of upsetting messages."
"Due to nature of treatment I feel results should be face to face."



Receiving referrals, triaging referrals, booking appointments, and conducting diagnostic tests

It's difficult to get information about the patient #1
The general feeling amongst admin teams are that they are expending huge effort doing "detective work" across multiple systems to understand all information on the

DocGen referral can cause delays
Consultant letters often remain on DocGen unapproved. This prevents them from advancing the patient journey. Multiple

Cross-pathway insights

Patients don't have clear visibility whilst waiting. They find this - and timelines not being met - distressing

Patients feel they are discharged without direction: not knowing risks, what to expect, or who to contact

The lack of integration between primary and secondary care causes challenges for patients and staff alike

Clinical teams can't access patient results across departments, services, and geographical boundaries

**Journey maps should not be the end
outcome.**

It should be driving change.

We created an opportunity backlog to help drive delivery against the insights

Insight is...

Once treatment is finished, patients feel they are discharged without direction. They do their best but feel unguided and don't know what to keep an eye on

We believe...

Providing better guidance for post-treatment life, recovery, and what to look out for

Will...

Help patients to safely manage their health following discharge and reduce their demand on healthcare services

Outcomes...

Reduced avoidable admissions
Increased patient safety
Reduce patient calls
Increased admin capacity
Increased clinical capacity

Workshop board with sections: Sharing symptoms with a doctor, Referral and testing, Making a diagnosis and finding treatment, and Implementation. Includes printed content and numerous yellow sticky notes.

Sharing symptoms with a doctor	Referral and testing	Making a diagnosis and finding treatment	Implementation
<p>What have the COVID-19 experiments told us about the virus?</p> <p>What have we learned about the virus's spread and how it behaves?</p> <p>What have we learned about the virus's impact on the immune system?</p>	<p>What are the different ways to test for COVID-19?</p> <p>What are the different types of tests?</p> <p>What are the different ways to use the tests?</p>	<p>What are the different ways to treat COVID-19?</p> <p>What are the different types of treatments?</p> <p>What are the different ways to use the treatments?</p>	<p>What are the different ways to implement COVID-19 measures?</p> <p>What are the different types of measures?</p> <p>What are the different ways to use the measures?</p>

Sticky notes:

- What have the COVID-19 experiments told us about the virus?
- What have we learned about the virus's spread and how it behaves?
- What have we learned about the virus's impact on the immune system?
- What are the different ways to test for COVID-19?
- What are the different types of tests?
- What are the different ways to use the tests?
- What are the different ways to treat COVID-19?
- What are the different types of treatments?
- What are the different ways to use the treatments?
- What are the different ways to implement COVID-19 measures?
- What are the different types of measures?
- What are the different ways to use the measures?



Workshop table with a yellow mug, a red notebook, a black keyboard, a black mouse, and a red and blue water bottle.

We thought these things went well

1 - WHAT WENT WELL

Using mixed research methods

2 - WHAT WENT WELL

Taking a universal synthesis approach

3 - WHAT WENT WELL

Including patients beyond research

4 - WHAT WENT WELL

Setting up teams to deliver

**If we could go back, we would
change our approach**

1 - WHAT WE WOULD CHANGE

Taken a systems-convening approach

2 - WHAT WE WOULD CHANGE

Engage even more clinical teams

3 - WHAT WE WOULD CHANGE

Setup long-term relationships and participation

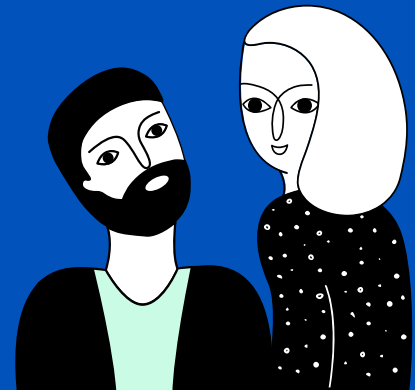
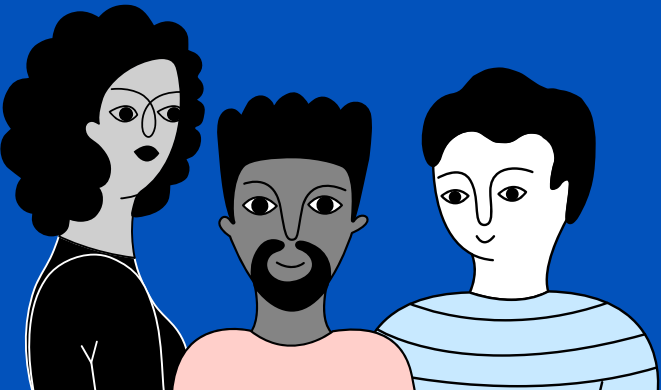
All the project outputs are open to the public.

Speak to us if you would like to hear more, ask questions, or seek advice!



THANK YOU

TPXimpact



slido



How would you like to follow up with Ben and Dave post-event?

ⓘ Start presenting to display the poll results on this slide.



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SPEAKING NOW



Martina Lagu Yanga

Head of Medical Education and Training -
Epsom and St Helier University Hospitals
NHS Trust

I will be discussing...

"Delivering education and training for whole systems integrated frailty care pathways"

Developing evidence based education framework for frailty practitioners within Sutton integrated care system

Martina Lagu Yanga
Dr Mohamed Elokl

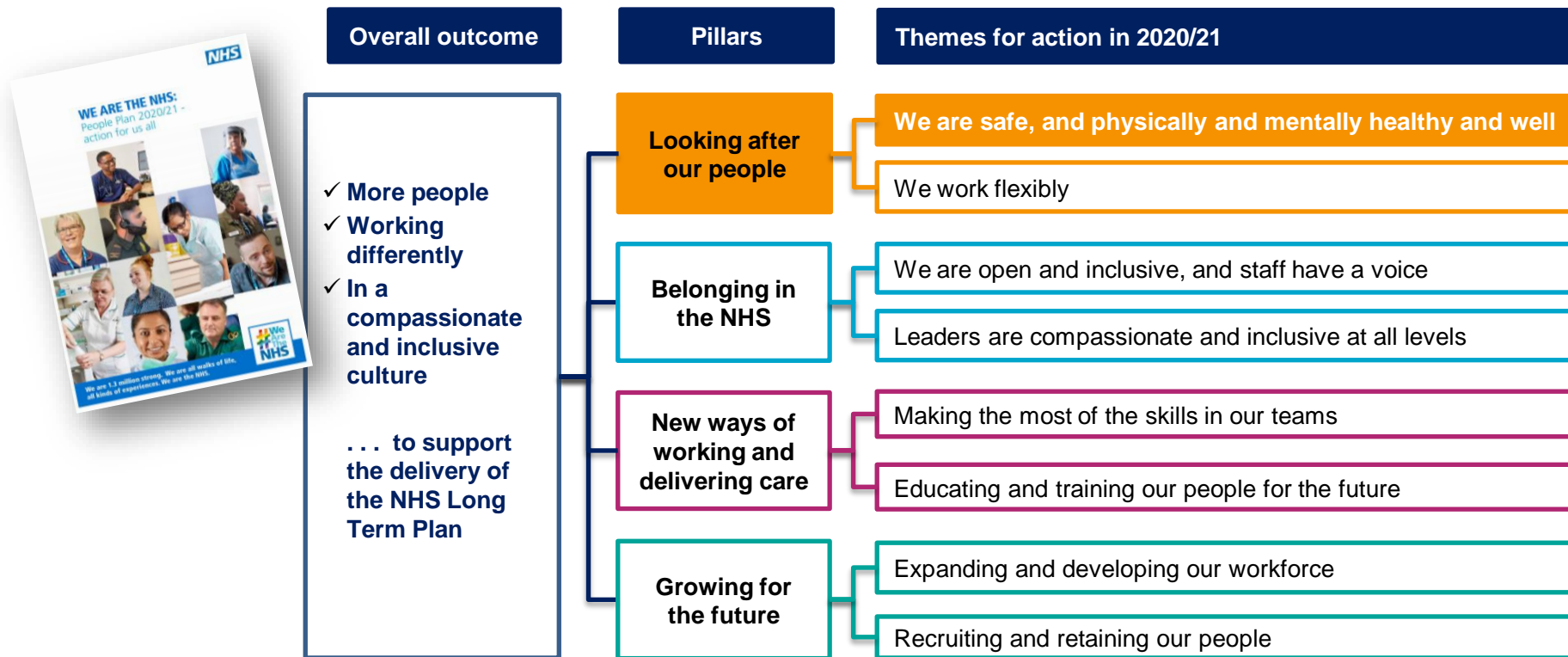
Outline

- Innovation in evidence-based education for frailty practitioners within Sutton integrated care system
- Frailty awareness and management
- The frailty framework core capabilities
- Soft skills, simulation training and focused study days
- Whole system stakeholder engagement
- Developing and supporting learners and educators

The need for frailty education and training in Sutton

- Changing demographics and healthcare landscape
- Actions from Sutton whole system frailty stakeholder engagement and launch Sept 2022
- To support the NHS People Plan
- Integral to new approaches to workforce design/planning - from profession focus to skills and competency focus
- To develop and support multi-disciplinary and inter-professional learning throughout the patient journey
- To develop and support healthcare educators to ensure sustainable future workforce supply

The People Plan

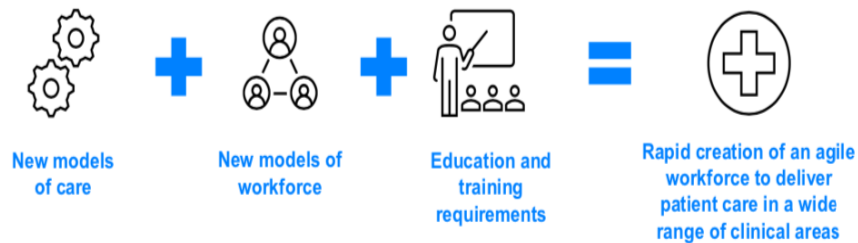


Source: Prof Sheona McLeod (HEE): Epsom and St Helier Medical Education Away Day 29 Sep 2022

A new approach to workforce design/planning



Health Education England



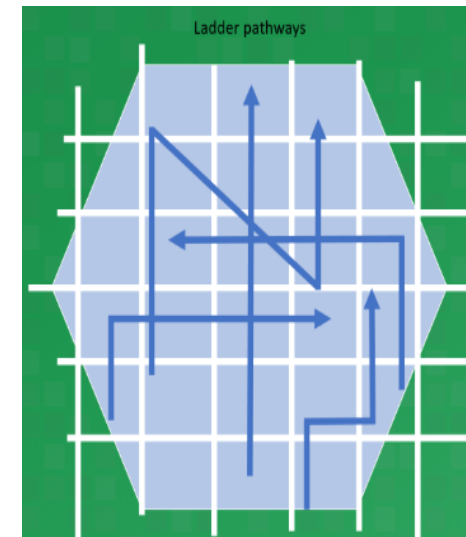
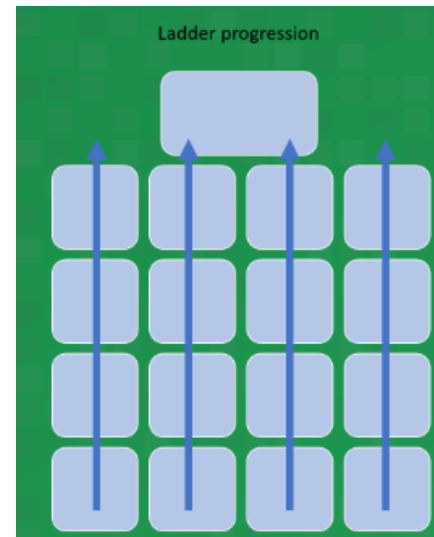
From PROFESSION FOCUSED to linear models of training and professional progression.

SKILLS AND COMPETENCY FOCUS lateral and flexible modules of training and professional pathways

A clinically led workforce planning approach, using activity to determine capability requirement and shape skill mix redesign..

Enables a **skills and competency based, rather than professional role and title** based approach to planning and deployment.

During COVID, early integration of the E&T workstream into the service planning for the clinical workforce led to planned training of staff.



Strategic priorities that underpin the Educator Workforce Strategy



Source: NHS Educator Workforce Strategy 2023

Strategic
priorities for
education in
integrated
care systems

Priority 1

Key consideration in integrated workforce and service planning

Priority 2

Support the implementation of Integrated Care Board workforce plans

Priority 3

Introducing career frameworks for educators of all professions

What is frailty?

- *Frailty is a distinctive health state related to the ageing process in which multiple body systems gradually lose their in-built reserves (British Geriatric Society, 2014)*
- Manifests in loss of resilience: people don't bounce back quickly after a physical or mental illness, an accident or other stressful event (NHS England)
- A dynamic state of reduced resilience and increased vulnerability.
- Impact: increased risk of mortality, increased risk of institutionalisation, prolonged hospital stay, increased hospital readmission rate.

Common
presentations of
frailty

Delirium

Falls

Immobility

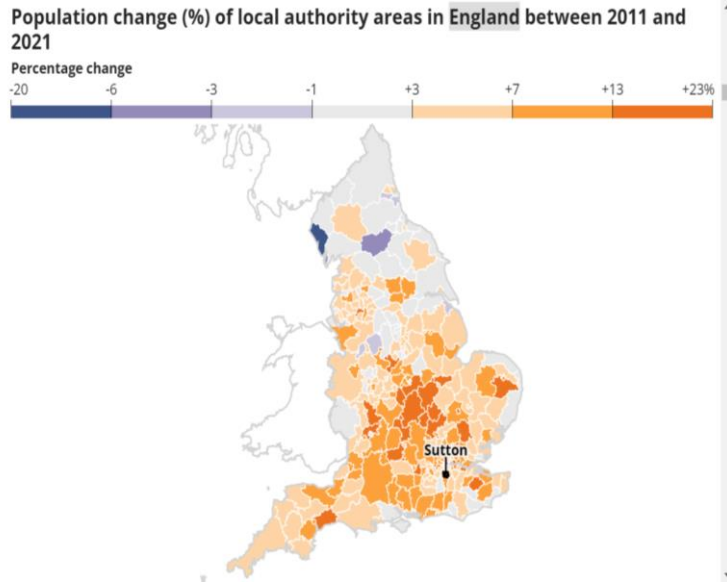
Incontinence

Polypharmacy

I
A
M
Frailty
aware

- Identify : CFS
- Assess : 5M
- Manage : MDT

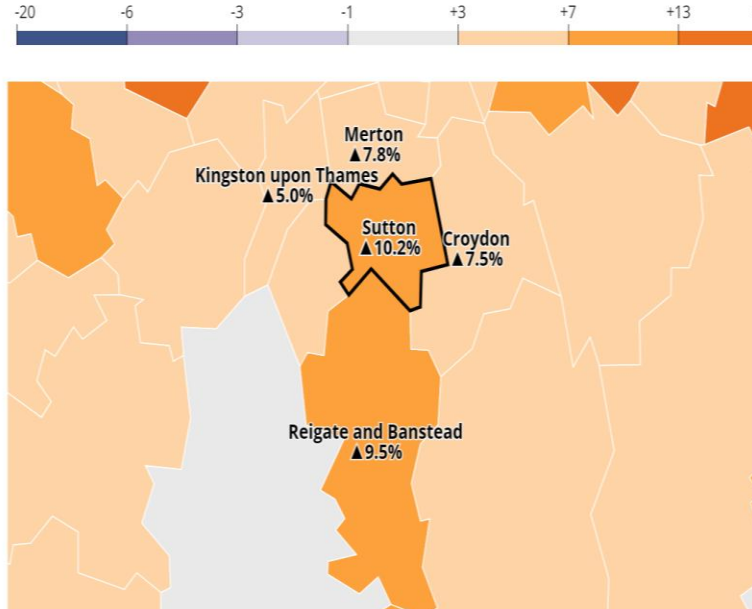
- Awareness
- Skills
- Knowledge



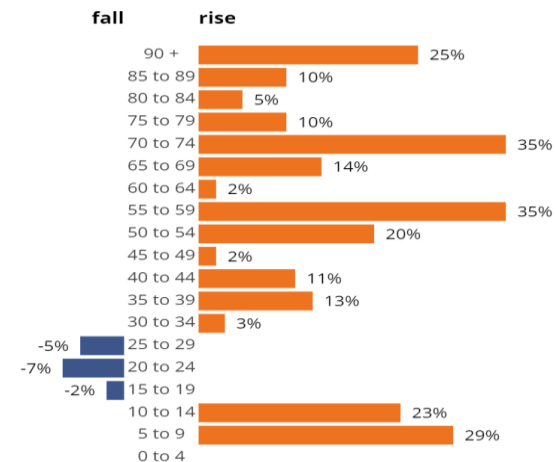
- England and wales **59,597,300**
- **Sutton** 209,600
- Over age 65 represent 18 % of total population in England
- Frailty :
- $10\% \geq 65$ years
- $Up\ to\ 50\% \geq 85$ years.

Population change in local authority areas near Sutton between 2011 and 2021

Percentage change



Population change (%) by age group in Sutton, 2011 to 2021



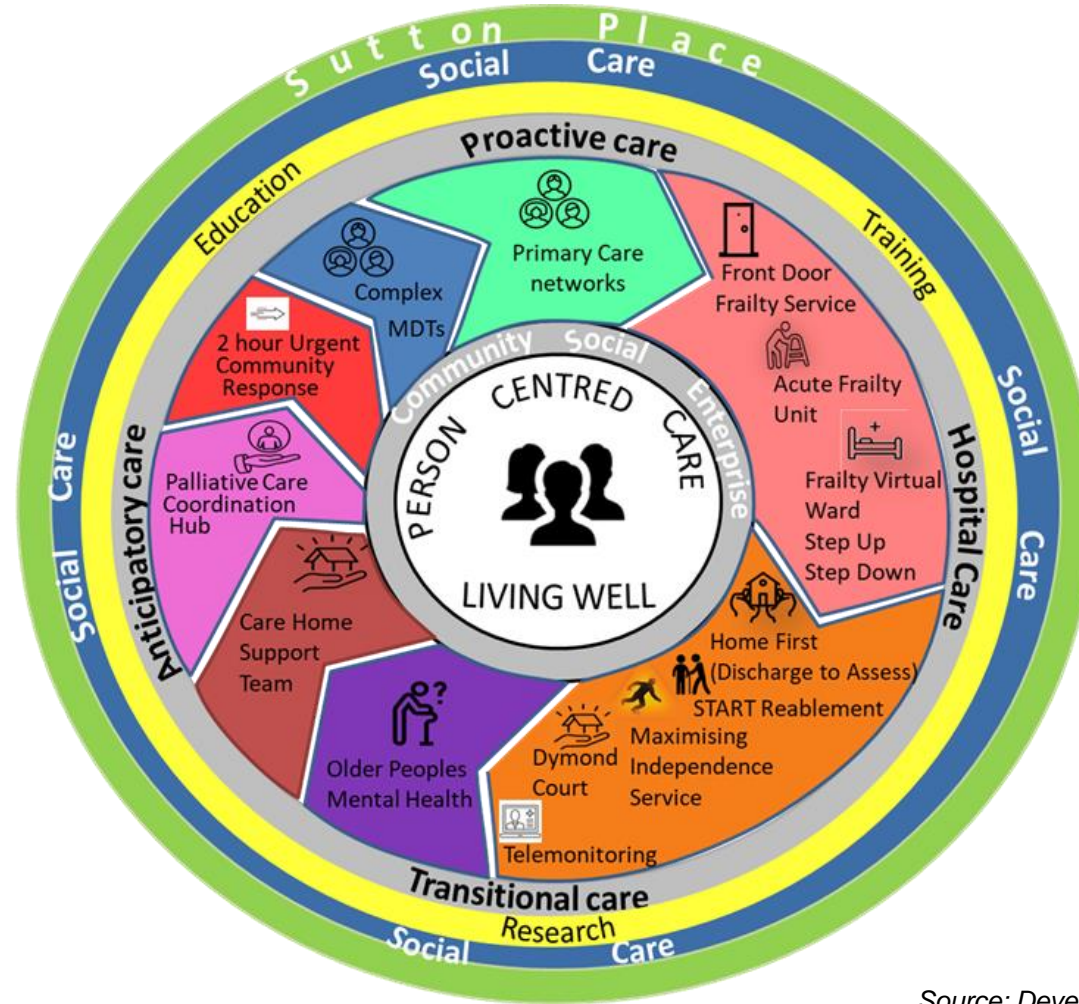
**Don't
call
me
frail...**

By focusing on the important things to improve older people's care and wellbeing we can help to make **the term 'frailty'**

- **A passport to the kind of support that makes a real difference to persons' health and lives.**
- **Signpost multidisciplinary services to deliver better health for older people.**
 - **Age UK Published on 24 July 2015**
 - ***Baroness Sally Greengross : Frailty framework***

Frailty Wheel

Innovation in evidence-based frailty awareness, practice and education



Source: Developed by Sutton Health and Care, St Helier Hospital and Sutton ICB - Sutton Whole Systems Frailty Stakeholder Engagement Sept 2022

Education Framework

1. E-learning on core capabilities

2. Hybrid lectures and workshops on
topical issues, cases and soft skills

3. Simulation training for handover

4. Focused study days



E-learning

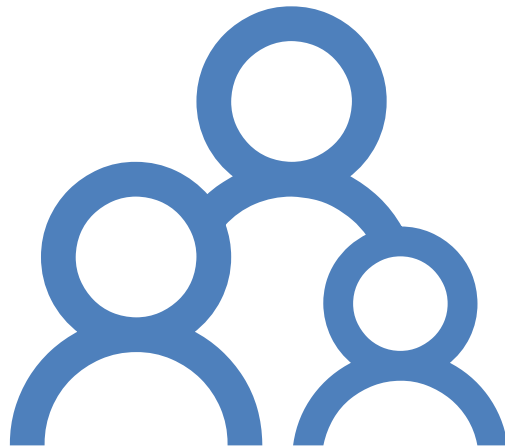
Core curriculum grid

In line with the Frailty framework of core capabilities

Tier 1: Those that require general awareness of frailty.

Tier 2: Health and social care staff and others who regularly work with people living with frailty but who would seek support from others for complex management or decision-making.

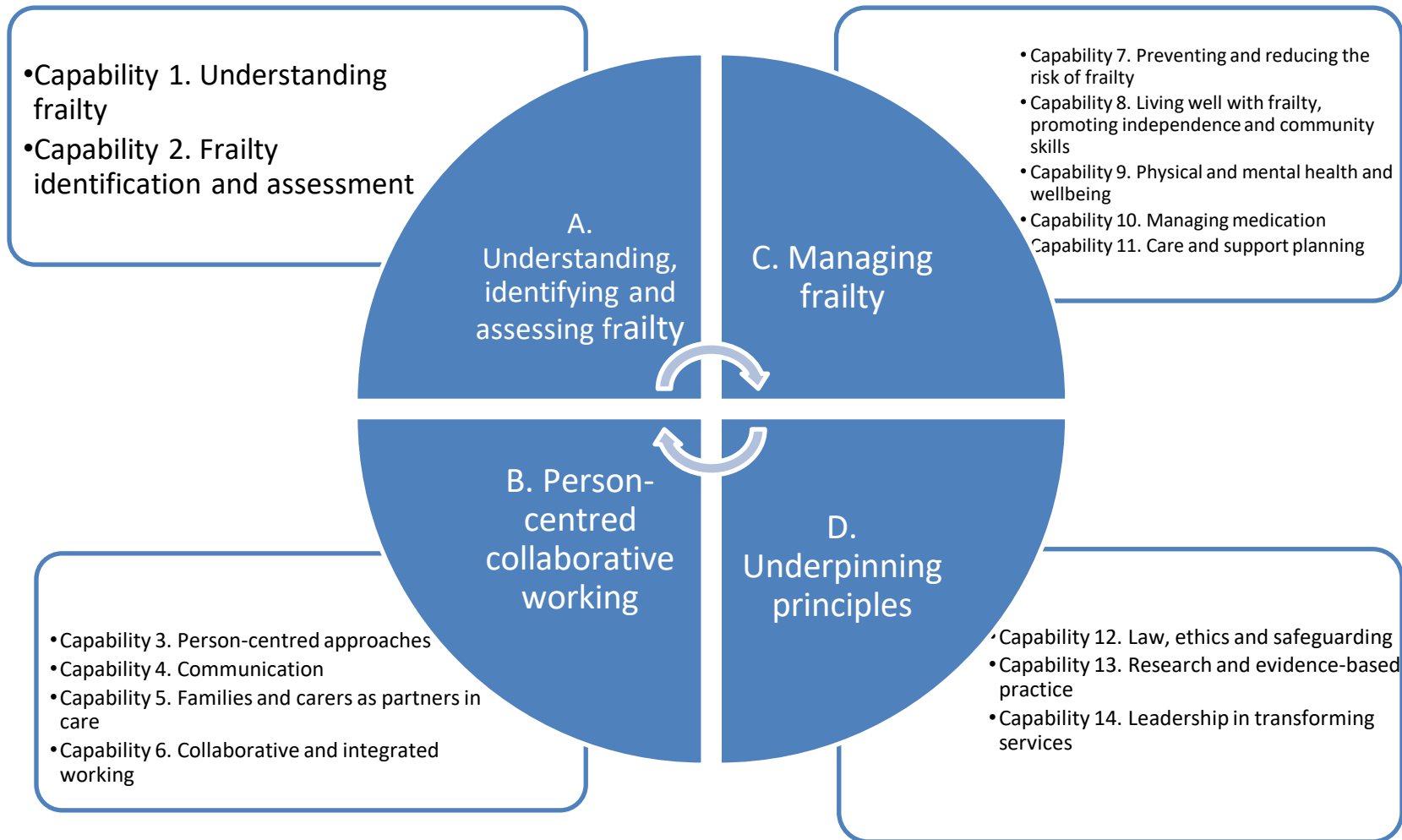
Tier 3: Health, social care and other professionals with a high degree of autonomy, able to provide care in complex situations and who may also lead services for people living with frailty



Domains

- A. Understanding, identifying and assessing frailty
- B. Person-centred collaborative working
- C. Managing frailty
- D. Underpinning principles

<https://www.skillsforhealth.org.uk/info-hub/frailty-2018/>



Simulation training

in collaboration with Ambulance Service



Focused study days

Disease State



Arthritis



Atrial Fibrillation



Chronic Kidney Disease



Coronary Heart Disease



Diabetes



Foot Problems



Fragility Fracture



Heart Failure



Heart Valve Disease



Hypertension



Hypotension /Syncope



Osteoporosis



Parkinson's Disease



Peptic Ulcer



Peripheral Vascular Disease



Respiratory Disease



Skin Ulcer



Stroke and TIA



Thyroid Disorders



Urinary System Disease

Challenges

Non homogenous groups of frailty practitioners with variable training needs

Lack of integrated education board across ICS to drive development of education and training

Digital literacy, cognitive capacity of patients and ability to access/upload digital information.

Stakeholder engagement

- Sutton whole system stakeholder engagement
- Survey of frailty practitioners and stakeholders
- Educator sessions to help develop curriculum
- Train the trainer workshops
- Leadership training
- Blended advanced communications skills workshops

Training needs assessment survey

- 77 individuals surveyed within Sutton ICS including physicians, GPs, nurses, carers, social care
- 35 respondents
- 22 have completed Tier 1-3 training
- 18 would like to become frailty champions
- 24 would like to become frailty trainers



Frailty Champions and Trainers programme

Overall goals

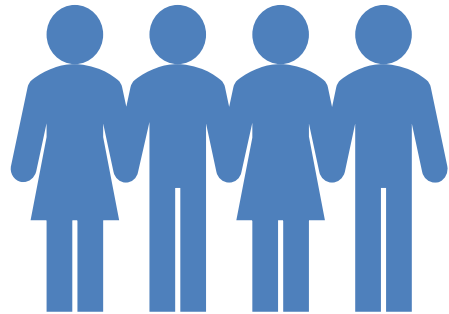
1. Provide general awareness of frailty
2. Equip Health and social care staff with the knowledge, skills and support needed for MDT management and decision making when they deal with older people living with frailty in different care settings.

Learning outcomes



1. Understand the concept of frailty
2. The ability to confidently identify and assess Frailty
3. Actively participate in MDT management for frailty.
4. Work with older people living with frailty, families and carers in a collaborative way in an integrated care system.
5. Develop the necessary knowledge and skills to deal with the Frailty syndromes
 1. Delirium
 2. Falls
 3. Polypharmacy
 4. Reduced Mobility
 5. Recent Incontinence

What happens next?



Frailty champion

1. 4 (full day) face to face training workshops
2. E.learning Tier 1 and Tier 2

Frailty Trainer

1. The frailty champion
2. Train the Trainer
3. Ongoing CPD

Developing evidence based education framework for frailty practitioners within Sutton integrated care system

Contacts:

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m.elokl@nhs.net



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UP NEXT...

publicis
sapient



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SPEAKING NOW



Jack Chilcott

Healthcare Transformation Director,
Customer Experience & Innovation - **Publicis
Sapient**

**Case Study -
Publicis Sapient**

Patient engagement for improved outcomes at the heart of long-term conditions care.

How might we integrate to deliver this at scale?



The needs of the patient come first

“The best interest of the patient is the only interest to be considered.”

Integrated, multi-specialty group practice

“So that the sick may have the benefit of advancing knowledge, a union of forces is necessary.”

Systems and process engineering

*Early adopters of germ theory in practice.
Designed one of the first holistic medical records.*

Not for profit, for the betterment of human care

“The success of the Clinic, past, present and future, must be measured by its contributions to the general good of humanity.”



2005



2013

£7 in every £10

of total health
and social care
expenditure

50%

of all GP
appointments

41%

of A&E visits that
could be prevented

70%

of all hospital
bed stays

Poor mental
health and quality
of life.

The system wasn't created with LTC needs in mind...
"every system is perfectly designed to get the results it gets".

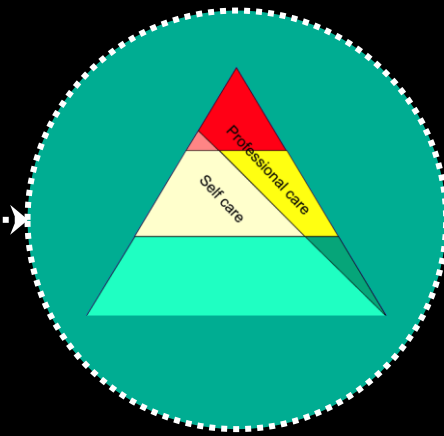
Past



Present



Future



How?

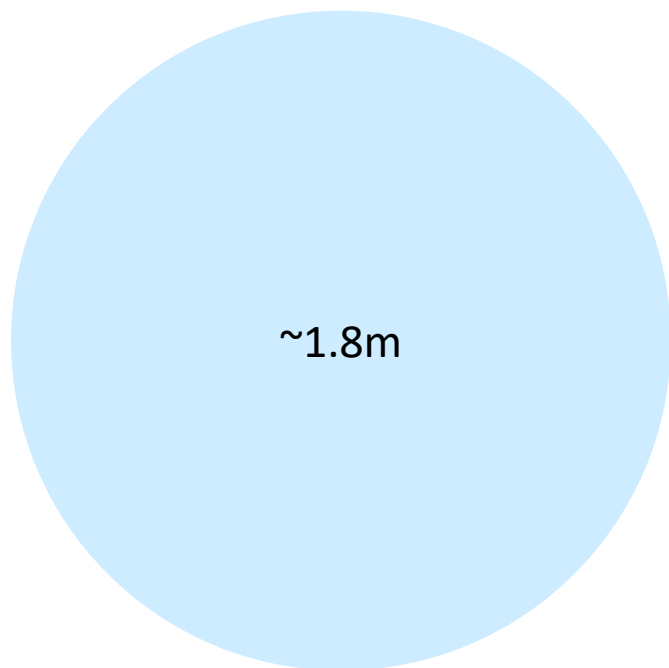
HDRUK
Health Data Research UK

Discover-NOW
Health Data Research Hub for Real World Evidence

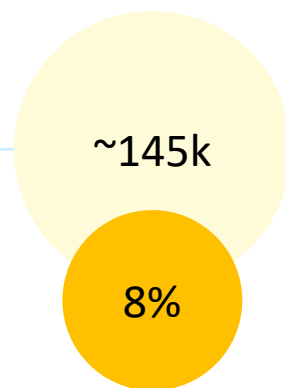


A remote 12-week
enhanced PCN delivered
service for people with type-
2 diabetes

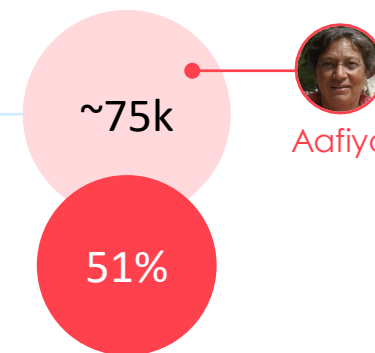
Population of
North West London



People with
type-2 diabetes



People at high-risk
of CV complications



What **do** we know about Aafiya?

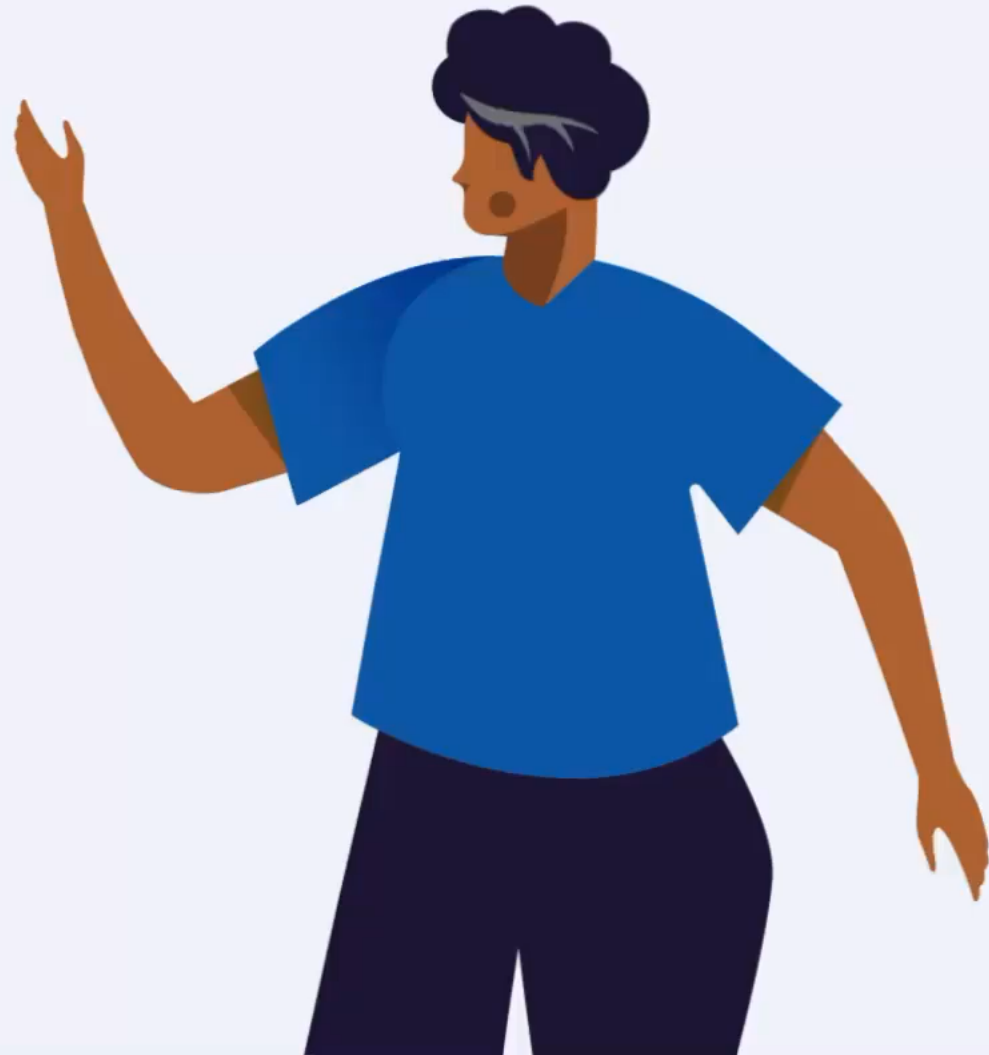
- 45 year old
- T2DM diagnosis 7 years ago
- Speaks relatively little English
- Little engagement with her diabetes due to work

-
- metformin, gliclazide, empagliflozin
 - HbA1c **77**
 - BP **141/95**
 - Urine ACR **130**



What **don't** we know about Aafiya?

- Her family and social situation
- How food plays a role in her life
- Her mental wellbeing
- Her true clinical understanding of her diabetes risks





Building Aafiya's health engagement over 12 weeks

3 x



Receives an invitation text from her GP about the service and a follow-up call from one of the practice staff to enroll her



Enrolls into service, is supported through onboarding and collects devices from her local GP



Downloads and signs into patient remote reporting app with unique code



Uses devices and app to capture

- Blood pressure
- Blood glucose levels
- Weight
- Diabetes Distress Scale scores
- Photos of food
- Step count



Attends 3 x virtual group consultations (VGCs), discusses her progress and remote reporting data with other patients and her care



Attends follow-up with her GP to discuss best next steps



Receives twice weekly emails related to the VGCs



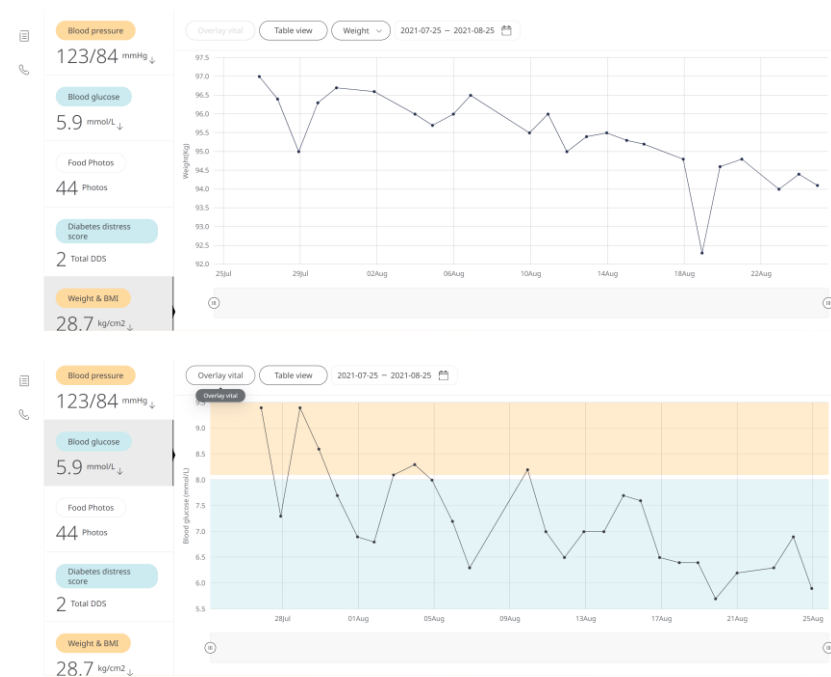
In-app digital education also available on-demand

How is Aafiya doing now?

- Entering remote data daily
- Attended VGCs with her husband, happy to share remote data on screen, highly motivating for other attendees
- Feels more confident to self-manage, understands her diabetes for the first time
- 130,000 steps per week
- Weight improving
- Blood glucose improving
- Blood pressure improving



7 week snapshot



5

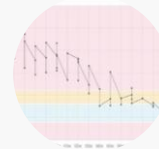
PCNs delivering all, or partial, enhanced service components

118

patients enrolled as part of real-world delivery model matched control feasibility study (publication submission stage)

**Imperial College
London**

Empower patients



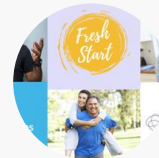
“Seeing my sugar levels in the app made me realise how what I eat affects them.”

Improve care relationships



“It’s good to hear how other patients are doing, and what we can do to improve our health.”

Build trust



“I don’t normally think these kinds of things work, but now I think differently.”

1 Identify



2 Contact



3 Onboard



4 Listen

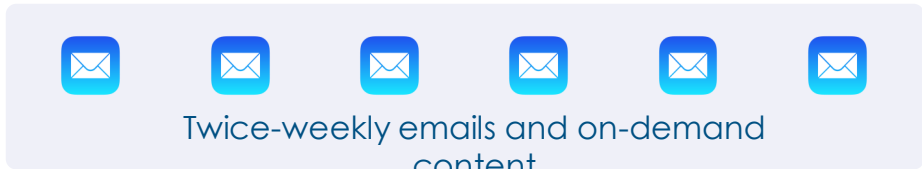
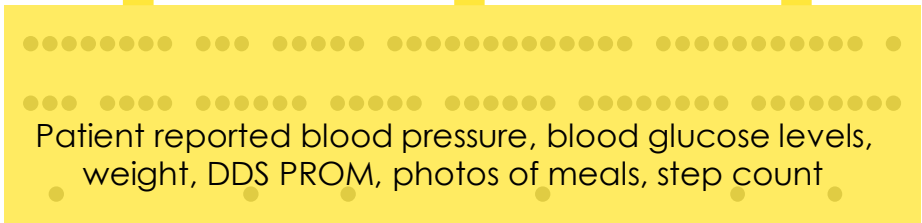
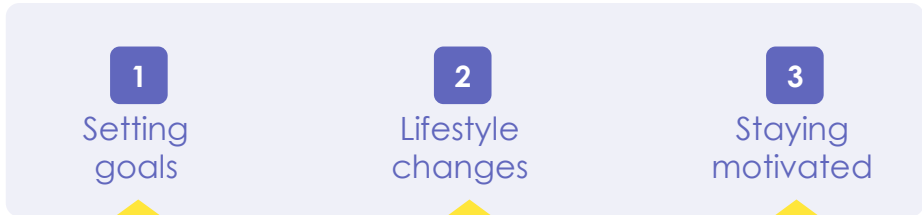
1 Setting goals

5 Support

2 Lifestyle changes

6 Empower

3 Staying motivated



7 Re-assess

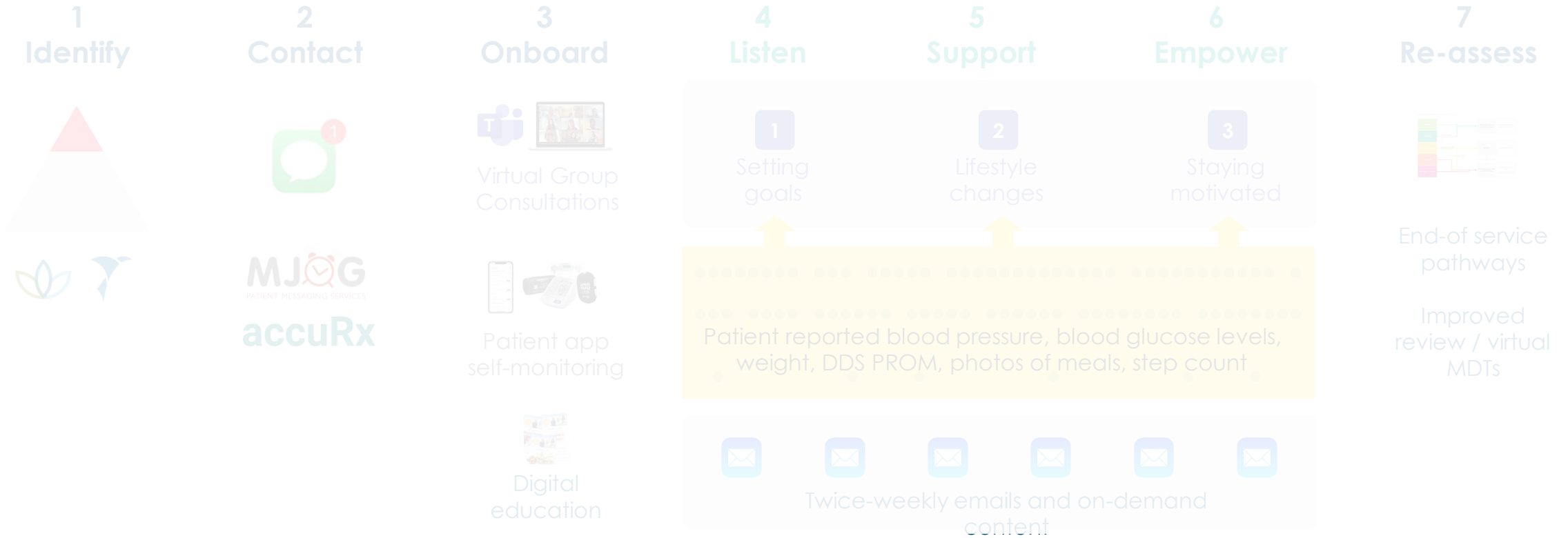


End-of service pathways

Improved review / virtual MDTs

Cohort: Type-2 Diabetes at high risk of CV complications

12 weeks



PCN remote LTC care operating model

People

PCN skill-mix delivery model with aligned purpose, flexible service roles, rotas and targets



Processes & finances

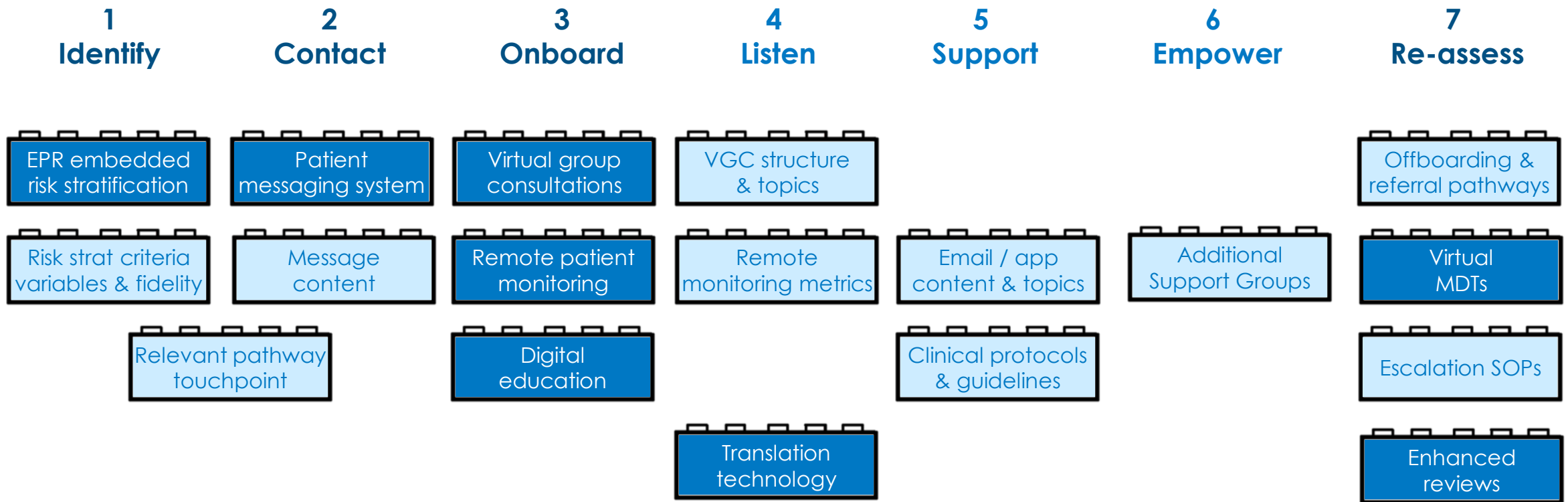
Training and implementation funding, enhanced services specification, Standard Operating Procedures, and EPR embedded protocols



Technology & data

Iteration of existing T2D S1 and EMIS templates, remote monitoring dashboard, PCN shared instance IT infrastructure and licensing





PCN remote LTC care operating model

People
 PCN skill-mix delivery model with aligned purpose, flexible service roles, rotas and targets

Processes
 Training, presentation funding, enhanced services specification, Standard Operating Procedures, and EPR embedded protocols

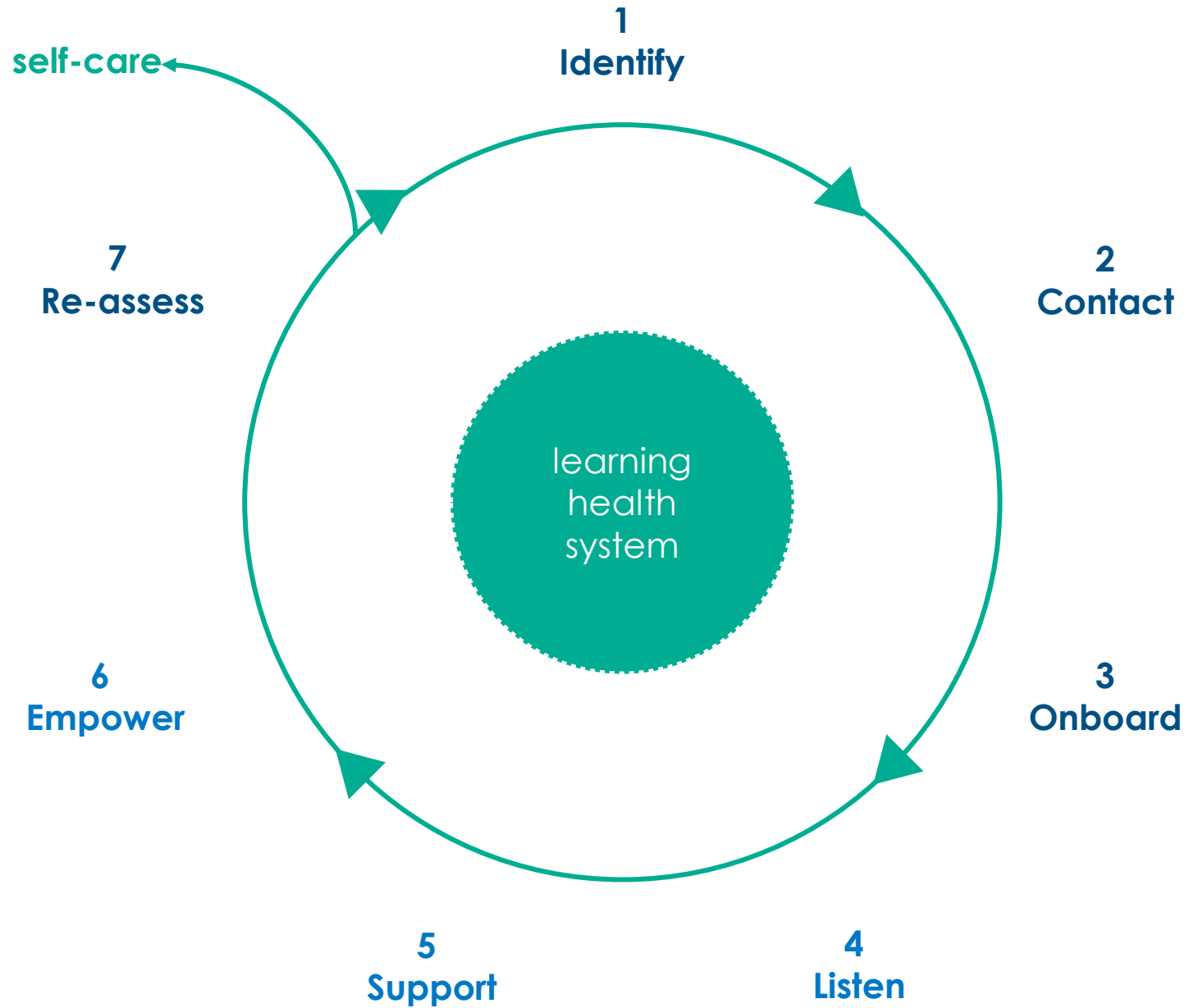
Technology & data
 Iteration of existing T2D S1 and EMIS templates, remote monitoring dashboard, PCN shared instance IT infrastructure and licensing

New capabilities to re-configure according to population health needs...





...that use real-world data and the latest guidelines to define what those are.



1 Identify

2 Contact

3 Onboard

4 Listen

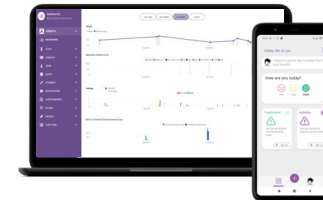
5 Support

6 Empower

7 Re-assess



We applied this model and thinking to secondary care heart failure re-admission in Italy.



What worked well

- Shared objectives aligned early
- Environment and data access
- Skill-mix and co-creation approach
- Agile, iterative ways of working with CRG check-points



What we could have done better

- Involve secondary care specialists earlier in the process
- PR and comms – communicate the process continuously

Continuous improvement...

- Continue to scale / share this kind of thinking and work at an ICS level?
- Automate (for a model):
 - Patient booking
 - EPR embedded guideline updates
 - Patient onboarding
 - Suggested VGC groupings?
- Integrate (for a model):
 - remote monitoring data into EPRs
 - with secondary care
 - more deeply with mental health
 - co-morbid conditions? e.g. T2D & HF
 - translation technology
- Shift to upstream prevention (e.g. pre-diabetes)

thank you.

slido



How would you like to follow up with Jack post-event?

ⓘ Start presenting to display the poll results on this slide.



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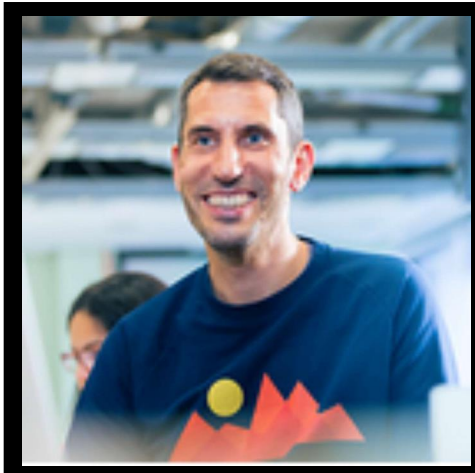


Q&A PANEL



Rhonda Bradder

Regional Commercial Manager -
L&R Medical UK



Ben Showers

Partner - **TPXimpact**



David Robson

Senior Service Designer -
TPXimpact



Martina Lagu Yanga

Head of Medical Education and
Training - **Epsom and St Helier
University Hospitals NHS Trust**



Jack Chilcott

Healthcare Transformation Director,
Customer Experience & Innovation -
Publicis Sapient



PRIMARY CARE TRANSFORMATION
CONFERENCE

The Primary Care Transformation Conference



Networking and Lunch



The Integrated Care Summit North



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Chairs Afternoon Address



Dr Gurnak Singh Dosanjh
GP and ICB Clinical Lead for Home First
Leicester, Leicestershire and Rutland ICB



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SPEAKING NOW



Neil Baker

Specialist Neighbourhood Practitioner -
Lincolnshire Community Health Services
NHS Trust

We will be discussing...

"Boston Neighbourhood Team:
Empowering our community to
drive change through grass roots
integration"



Jenny Streather

Primary Care Network OT - Boston
Primary Care Network



BOSTON NEIGHBOURHOOD TEAM

EMPOWERING OUR COMMUNITY TO
DRIVE CHANGE THROUGH GRASS
ROOTS INTEGRATION

NEIL BAKER
SPECIALIST
NEIGHBOURHOOD
PRACTITIONER

JENNY STREATHER
LEAD PCN OCCUPATIONAL
THERAPIST



Neighbourhood Working Lincolnshire

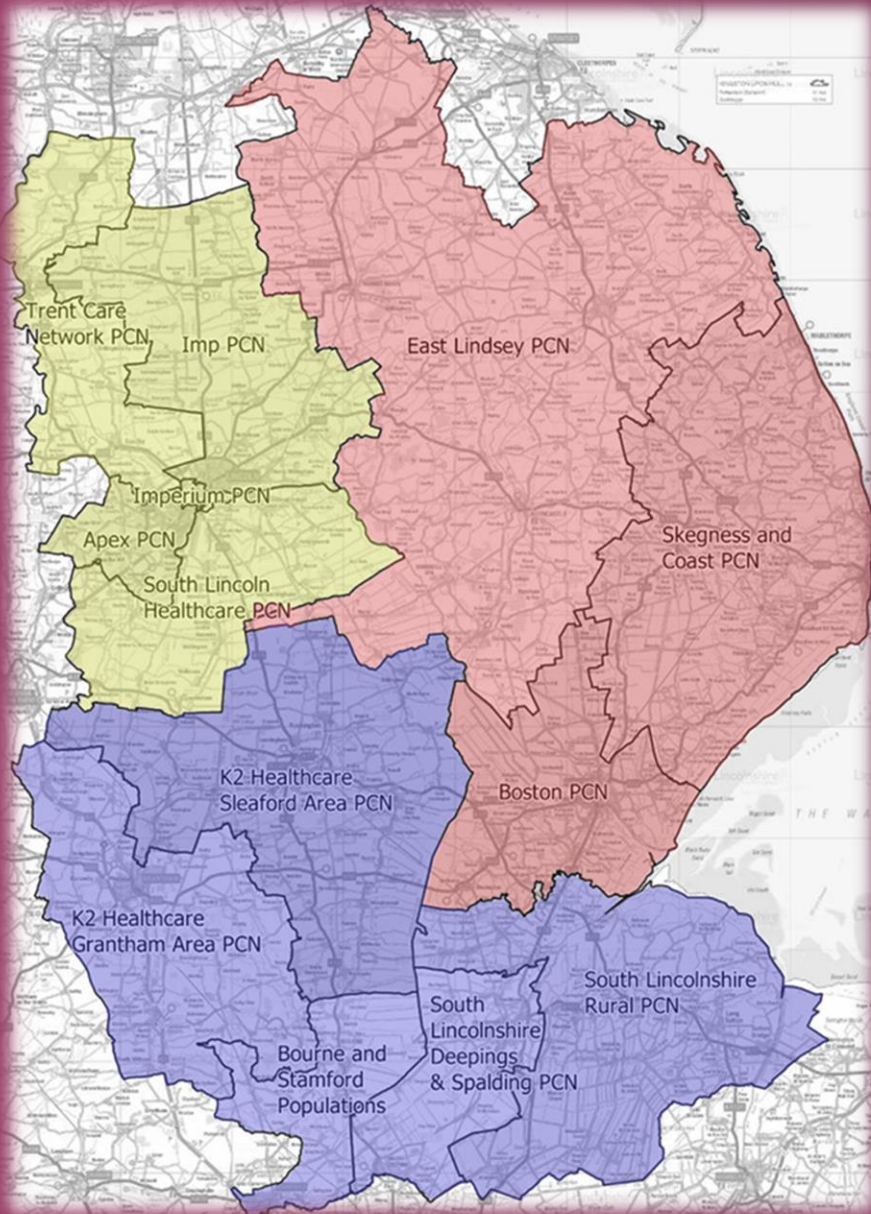
East Lincolnshire – Late 2018 – 100 day challenge

- Looking at a reduction in A&E admissions
 - High intensity users
- Supporting patients 'falling' through services

Healthcare and Adult social care sat together with housing in a central shared space

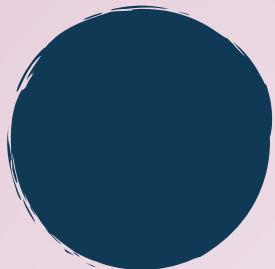
Concept proved to be effective

Specialist Neighbourhood Practitioners recruited to create a core Neighbourhood team

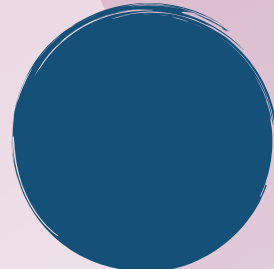




Neighbourhood
Lead
Strategic



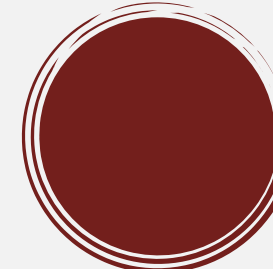
Specialist
Neighbourhood
Practitioner
Clinical



Neighbourhood
Project Manager
Strategic



Neighbourhood
Coordinator
Clinical admin



Community
Stakeholders





To tackle repeat admissions to A&E / Secondary care



High intensity users of Services



To Join services together

Original Team Aims





And then.....

Covid



NATIONAL DRIVERS FOR NEIGHBOURHOOD WORKING

- Clinical treatment and access represent only 25 per cent of a population's health
 - £7 out of every £10 of health and care spending in England is spent on long term conditions. Prevention needs to be a priority!
 - Loneliness increases someone's likelihood of mortality by 26 per cent, equivalent to smoking 15 cigarettes a day.
 - The Marmot Review and Marmot Review 10 Years On have shown the impact of health inequality with the higher levels of deprivation lower life expectancy.
 - The 2018 Care Quality Commission Local System Reviews - voluntary, community and social enterprise (VCSE) sector is underutilised in the planning and delivery of care and are often not included as full partners .
 - Moving out of COVID provide opportunities not barriers to improve integration
- Whole communities are key to integration!



- Boston Population 75,757
- Boston has the highest proportion of males/females aged 30-34 in Lincolnshire
- 5.4% unemployment
- Lower rates of salaried and hourly pay compared to locally and nationally
- 5.9% of the population are in the least deprived quintile. 23.5% of the population are in the most deprived quintile. Highest ranking deprivation domain, education, skills and training.
- There is a significantly high population growth of the European population over the past 10 years
- Boston has lower life expectancy (80.7 years) than Lincolnshire (81.6 years). Premature mortality is higher in Boston than Lincolnshire
- 54% of Boston residents have a disability or long-term health condition (MSK and Mental Health)
- Higher rates of Depression and Dementia Diagnosis



Recognition of the wider determinants of health and social inequality in Boston





So What ?



NEIGHBORHOOD CORE STRUCTURE

ORGANISATIONAL AGNOSTIC

NEIGHBORHOOD LEAD (LCHS)

SPECIALIST NEIGHBORHOOD PRACTITIONER (LCHS)

NEIGHBORHOOD COORDINATOR (ICB)

INTEGRATED PLACE BASED TEAM (LPFT)

SENIOR MENTAL HEALTH PRACTITIONER

2 X MENTAL HEALTH PRACTITIONERS

SENIOR MENTAL HEALTH SUPPORT WORKER

MENTAL HEALTH PEER SUPPORT WORKER

WELLBEING PRACTITIONER

NEIGHBORHOOD TEAM ADMIN

PRIMARY CARE NETWORK

LEAD OCCUPATIONAL THERAPIST

CARE HOME CARE COORDINATORS

LEAD PHARMACIST

2 X MENTAL HEALTH PRACTITIONER (ARSS)

SOCIAL PRESCRIBERS (PCN/LCVS)

HEALTH INCLUSION OFFICER

OLDER ADULTS SERVICE (GP BASED)

CANCER CARE COORDINATORS

COMMUNITY CONNECTOR (ST BARNABAS/THE
PARISH OF BOSTON)

PROJECT SUPPORT OFFICER



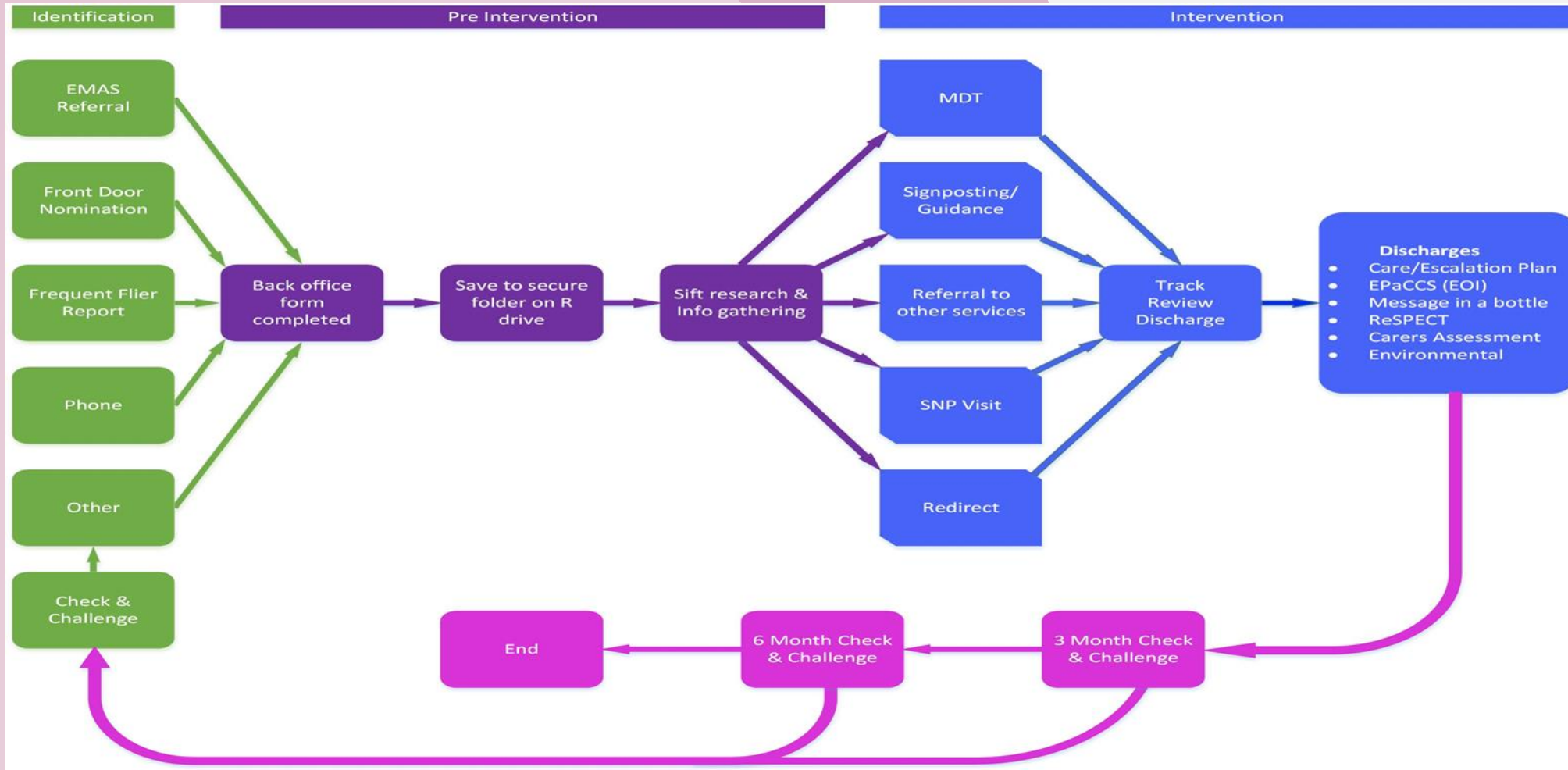


LCC Adult Social Care
 Lincolnshire Housing Partnership
 Lincolnshire Partnership NHS Foundation Trust
 Longhurst Housing
 Lincolnshire Police
 Centrepoint
 Framework
 Community Nurses (LCHS)
 Specialist Community Services (LCHS)
 Lincolnshire Fire & Rescue
 East Midlands Ambulance Service
 Age UK
 Wellbeing
 East Lindsey District Council
 Lincolnshire Integrated Care Board
 Shine
 United Lincolnshire Hospitals NHS Trust
 Macmillan
 St Barnabas
 GP surgeries
 Restore Church
 Lincolnshire Rural Support Network
 We are With You
 Steps 2 Change (LPFT)
 Carers First



The team process

How we get nominations



TOP TIPS FOR REFERRALS

You have exhausted all options and need help with an issue/problem and there are still unmet needs

A person is complex in terms of their circumstances: physical/mental health, social & financial

The person may be at risk of admission/readmission to hospital

The person is a frequent user of services

The person has had significant deterioration in their health and wellbeing



59 YEAR OLD MALE

MENTAL & PHYSICAL HEALTH CONCERNS

SOCIAL NEEDS

RECENT BEREAVEMENT

12 MONTHS PRIOR TO INTERVENTION

125 X PHONE CALLS TO OOH / 111

59 X AMBULANCE ATTENDANCES

5 X ATTENDANCES TO A&E

**5 X ADMISSIONS TO HOSPITALS OF STAYS
LONGER THEN 5 DAYS**

Services working independently

GP

MH
Service

EMAS



**INITIAL HOLISTIC ASSESSMENT
WHAT'S IMPORTANT TO AND FOR**

PH ASSESSMENT

MH ASSESSMENT

SOCIAL NEEDS ASSESSMENT

JOINING UP SERVICES

BEREAVEMENT SUPPORT

ADULT SOCIAL CARE

HOUSING

WELLBEING

CARE PLAN CREATION WITH EMAS

FOLLOW UP AND THROUGH



12 MONTHS POST INTERVENTION

10 X OOH /111 CALLS
3 X AMBULANCES ATTENDED
2 X ATTENDANCES TO A&E
2 DAY STAY IN HOSPITAL

24 MONTHS POST INTERVENTION

5 X CALLS TO OOH/111
1 X AMBULANCE ATTENDED
1 X A&E ATTENDANCE
1 X DAY STAY IN HOSPITAL



81 YEAR OLD MALE

LIVES ALONE

HOUSING ASSOCIATION PROPERTY

MODERATE FRAILTY - ALZHEIMER'S DEMENTIA AND MULTIPLE CO MORBIDITIES, HOARDING.

MULTIPLE DNA APPOINTMENTS AT GP, 5 ADMISSIONS /ATTENDANCES TO A&E IN 1 YEAR, VISITS FROM PROFESSIONALS TO HOME WHO RECOGNISED LEVEL OF HOARDING (STAGE 9)

AUGUST 2022 RADIOGRAPHER AT HOSPITAL RAISED A CONCERN TO GP SURGERY "NOT CONFUSED" CONCERNED ABOUT SOILED CLOTHING. VISITS FROM SURGERY CLINICIAN.

EMAS SAFEGUARDING CONCERN RECEIVED DIRECT TO NEIGHBOURHOOD TEAM. ADMITTED TO HOSPITAL FOLLOWING LONG LIE ON FLOOR OF PROPERTY (3 DAYS).

HOUSING OFFICER AND GP SURGERY BROUGHT A CONCERN TO MDT AROUND HOARDING AND RISKS



**INITIAL JOINT VISITS WITH SPECIALIST NURSE,
SOCIAL WORKER AND OT.**

**IDENTIFIED COGNITIVE IMPAIRMENT AND
LIMITATIONS IN CAPACITY WHEN MAKING
DECISIONS ABOUT SAFETY.**

REFERRAL TO HORDING 1:1 WORKER.

**LIAISED WITH SECONDARY CARE RE PREVIOUS
CAPACITY ASSESSMENTS – VERY GOOD AT
MASKING.**

**REFERRAL TO OLDER ADULTS MENTAL HEALTH –
JOINT VISIT WITH OLDER ADULTS MENTAL HEALTH
NURSE.**

**PROVISION OF FOOD PARCELS FROM LOCAL
ORGANISATIONS.**

MEETING WITH HOUSING TO ASCERTAIN A PLAN .

**JOINT VISIT WITH HOUSING AND HOARDING
SUPPORT WORKER FOLLOWED.**

**PLAN MADE WITH PATIENT TO BEGIN CLEARING
PROPERTY.**





ADMISSION TO HOSPITAL FOLLOWING FURTHER LONG LIE ON THE FLOOR (3 DAYS). DID NOT USE CARE LINE ALARM OR MOBILE PHONE.

NHT CONTACTED SECONDARY CARE OT AND ADVISED NOT TO DISCHARGE UNTIL ALTERNATIVE ACCOMMODATION SOURCED (SOURCED WITHIN 24 HOURS).

FAMILY MOVED BASIC FURNITURE FOR LIVING.

USED LOCAL SUPPORT MONIES TO PURCHASE FOOD, MICROWAVE, KETTLE.

FURTHER FOLLOW UPS TO SUPPORT INTEGRATION INTO COMMUNITY AND EQUIPMENT NEEDS IDENTIFIED.

OUTCOME

CONTINUES TO ENGAGE IN ACTIVITIES THAT ARE IMPORTANT TO HIM.

NO DESIRE TO RETURN TO OLD PROPERTY.

NO FURTHER HOARDING.

NO FURTHER ADMISSIONS TO HOSPITAL (5MONTHS).



**DIRECT REREFERRALS – HOWEVER NO WRONG
DOOR LEADS TO SIGNPOSTING = NO REFERRAL**

2019 (OCT- DEC) - 25

2020 – 430

2021 – 483

2022 – 555

2023 - 208

NOMINATIONS



2021 – Fydell House Boston

35 x Organisations

160 x professionals



2022 – Boston Gliderdrome

75 x Organisations

300 x professionals



Boston Networking Event





BOSTON NEIGHBOURHOOD TEAM

EMPOWERING OUR COMMUNITY TO
DRIVE CHANGE THROUGH GRASS
ROOTS INTEGRATION

THANK YOU

Neil.Baker4@nhs.net

Jenny.Streather@nhs.net

<https://vimeo.com/825093134>





The Integrated Care Summit North



Headlined by:  **CONTENT GURU**
Engagement Made Easy®



Neil Baker

Specialist Neighbourhood Practitioner -
Lincolnshire Community Health Services
NHS Trust

Q&A PANEL



Jenny Streather

Primary Care Network OT - Boston Primary
Care Network



The Integrated Care Summit North



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Engagement Made Easy®



Dr Hatim Abdulhussein

National Clinical Lead for AI and Digital Workforce and Medical Director
NHS England and Kent Surrey Sussex Academic Health Science Network

Panel Discussion



Abigail Knight

Strategic Programme Lead – Integrated Child & Family Health Consultant in Public Health
MFPH - Barnardo's

slido



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① Start presenting to display the poll results on this slide.



Headlined by:  **CONTENT GURU**
Engagement Made Easy®

The Integrated Care Summit North



Drinks Reception, Networking and End of Day



THANKS FOR ATTENDING



The Integrated Care Summit North



**REGISTER FOR THE
NEXT INTEGRATED
CARE SUMMIT
HERE!**

