

Briefing for Health & Well Being Boards

Yorkshire & Humber Local Health and Care Record Exemplar bid

One Vision – One Voice

NHS England recently invited regions across the country to bid to become a Local Health and Care Record exemplar site. Over the last few weeks, a collaboration of NHS, care and local government organisations in Yorkshire and Humber has worked to put together a strong bid and this has now been submitted to NHS England.

The bid sets out our combined ambition to create a Yorkshire and Humber Care Record (YHCR) and a Patient Held Record (PHR). Our aim is to build an information sharing environment that helps health and care services continually improve the treatments we use, ensures that care is tailored to the needs of each individual and empowers people to look after themselves better and make informed choices about their own health and care.

Our programme will:

- Ensure all health and care professionals involved in a person's care have real time access to a comprehensive care record when and where they need it
- Empower citizens and carers to manage their own care by giving them access to their own healthcare records
- Provide a rich, secure information base of de-personalised and anonymous information to support research into conditions, the development of new treatments and improved and innovative pathways for care and prevention
- Provide an insight into general population health issues and supporting better management of health and care resources
- Enables delivery of the 'left shift' towards early intervention, prevention and community based approaches

These principles are at the heart of Joint Health & Well Being Strategies and this initiative will be of particular interest to members of Health & Well Being Boards.

For a more detailed background to the bid and YHCR, please see the following pages where we have attempted to answer some of the common questions raised during the work done to date.

Seven collaborations across the country have been invited to bid for LHCRE status, of which five will be chosen as pilot sites. Each LHCRE will receive grant funding of £7.5m, which will need to be matched with local investment and support. NHS England is expected to announce the winning bids in mid-May 2018.

What are Local Health and Care Records?

Local Health and Care Records are programmes of work that aim to interconnect the record systems of different NHS and partner organisations and share information safely and securely.

They will align to a recognised locality defined by factors such as major patient flows and existing collaborative organisational arrangements. The size of the population covered by a Local Health and Care Record will vary. Many existing shared care record initiatives cover populations in the order of 1m-3m but it is envisaged that future Local Health and Care Record solutions may cover populations in the order of 2m-5m

While different localities may implement solutions from different suppliers, the aim of this initiative is to ensure that there are common consistent national standards – technical, clinical, cybersecurity and information governance – that enable information to be shared between Local Health and Care Record solutions.

Why is this important?

Safe and effective use of information protects people when they are most vulnerable. Joining up IT systems so that doctors, nurses and other care professionals can see vital information about your health and care history immediately means they can determine the right treatment, or escalate you to the right specialist, as quickly as possible.

How will the Yorkshire and Humber Care Record be delivered?

A Yorkshire & Humber Care Record (YHCR) will build on established digital solutions delivered within Yorkshire and Humber over the last 10 years. It will respect and enhance exemplar implementations of Lorenzo in Hull and Sheffield and Cerner in Bradford, Calderdale and Huddersfield and a strong regional implementation of SystmOne and EMIS in primary care across the whole region. It will be delivered through a programme of development to ensure information within agreed, clear standardised models, flows between different information systems ensuring clinicians can use their local systems of choice to benefit from the shared data.

Yorkshire and Humber's priorities are closely aligned in developing New Models of Care to transform cancer, urgent & emergency care, mental health, maternity, primary and community care to achieve the aims of the Five Year Forward View. 80 organisations have united as the Yorkshire and Humber Collaborative (YHC), with a commitment to build on proven regional exemplars to deliver truly integrated care for our 5.4m population.

YHC recognises the work its partners have put into record sharing via local solutions and national primary care/community systems. We will build upon this through integration, supporting the move to place-based care within each locality, without disrupting those delivering care.

What will this mean for citizens/patients?

We know that people expect their information to be available to the health and care professionals that they are involved with and find it frustrating to keep answering the same questions when dealing with different care providers. By making information more easily available, we will reduce the number of times that people are asked the same questions and ensure that health and care professionals have ready access to information at the right time and in the right place.

We also want to empower patients to be active participants in their own care through the adoption of person held records (PHRs). Building on a £1.8M investment in the Helm PHR, we will work with NHS Digital to deliver secure access to key elements of the care record including problems/diagnoses, medication/allergies and key information on community-based support. This will empower patients to contribute to their health record both actively, through digital interaction, and passively, capturing data from medical and consumer devices. Through the open platform approach and established innovation hubs across the region, we will engage the wider market to develop new capabilities/innovations to address citizen needs.

What will this mean for care professionals?

As well as the inconvenience for individuals, there is also a serious safety issue associated with not sharing information, as having access to information from other parts of the health and care system helps inform professionals when they are discussing treatments with individuals and their carers.

The best information is captured at the point of care in systems that support the professional's workflow. Open platforms will allow high quality information to be shared securely in real time, supporting multi-professional teams working in New Models of Care. This will improve safety and efficiency around transfers of care, support hospital avoidance, shorter lengths of stay and quicker discharge.

We will ensure that the YHCR improves the quality of care offered to our patients, by delivering new models of care via effective use of digital solutions. We will extend the benefits of this approach across the depth and breadth of health and social care, initially we will focus on two key clinical exemplars (cancer, urgent and unplanned care). With cancer we will aim to deliver enhanced access to diagnostic services through region-wide electronic referrals, enhanced communication between all members of the complex care teams required, new models of follow-up for patients on active treatment and most importantly for cancer survivors in long-term follow-up. In urgent and unplanned care, we will ensure that access to high quality information allows clinicians to place patients in the most appropriate service for the delivery of high-quality, cost-effective care.

How will this improve population health?

We will extend linked datasets to the entire Yorkshire & Humber population, supporting the triple aim of improving health, care and cost-efficiency, and targeting health inequalities. We will extend coverage of IG-approved (Leeds Data Model) data flows for three distinct purposes: Research-ready, Commissioning (Population Health Management), and Operational (Direct Care real time). As well as providing a richer dataset we will simplify and standardise capability to avoid cost and duplicated effort.

Improving knowledge about our population and linking these records with our understanding about new treatments, community services and 'extended primary care' models will enable us to intervene earlier with at-risk groups to prevent disease. It will also enable us to work more creatively in the poorest area and pilot/develop new interventions that seek to narrow the outcome gap between vulnerable groups and the wider population. Ultimately, it will help us meet our objectives to reduce premature mortality and increase the time people live free of disease.

Why is the YHCR different to existing shared care records?

We recognise the work partners have put into record sharing via local solutions and national primary care/community systems. We will build upon this through integration, supporting the move to place-based care within each locality, without disrupting those delivering care.

The level and maturity of system integration varies across Yorkshire and Humber. There are pockets of excellence e.g. Rotherham and Leeds, where whole system integration including third sector is mature and embedded (1.25m+ population), and there are areas where integration is limited. We will take the learning and best practice from our exemplars and adopt and extend these across Yorkshire and Humber.

We are already supporting the national development of digital discharge standards between health and social care which will be adopted across Yorkshire and Humber. The Rotherham Health Record team has secured funding from NHS Digital to develop this connectivity with Liquid Logic, which is used by 80 per cent of Yorkshire and Humber local authorities.

We recognise the need to better support multi-agency treatment areas e.g. maternity, mental health, stroke care, and people with long term conditions in community settings. A YHCR will provide an integrated record supporting a holistic approach to multi-agency care and ensuring citizens only have to tell their story once.

The PHR will be adopted across Yorkshire and Humber. It will develop the capability for citizens to register and authenticate to securely access and contribute information to their health and care record. It will also provide the opportunity for citizens to access and utilise trusted and validated directories of services, psychoeducational material and digital tools to optimise their recovery, improve their wellbeing and enable them to source 'self-help' information. There is a vibrant and growing Yorkshire and Humber digital health and care ecosystem, which will develop many new capabilities to address the varied use cases of individuals/groups.

Additionally, we will grow established informatics international exemplars, including Born in Bradford, the secure "Data Ark" and the Connected Health Cities Programme (Leeds, Sheffield, Bradford, York).

Who is involved/leading this?

We set up a small core team (representatives listed below) with regional and organisational representation from across primary, secondary, mental health, social care etc. to progress the bid. Chief Executives from both the Sustainability and Transformation Partnerships and the Integrated Care System within the Yorkshire and Humber region also signed an initial "Charter for Collaborative Success" further endorsing the strength of the Yorkshire and Humber bid.

Members of the Yorkshire & Humber Care Record Delivery Board:

Lee Rickles Programme Director
Dylan Roberts CDIO Place Based Lead
Neil Bartram Local Authority Lead
Richard Corbridge CDIO LTHT
John Mitchell CIO HCV STP
Dex Hannon Health Watch - Citizen Lead
Nicola Haywood-Alexander - SYB ISC
Alastair Cartwright Informatics Programme Director WYH STP
Cindy Fedell BTHT Architecture Lead
Dr Neville Young Y&HAHSN Research Lead
Dr Paul Rice PhD NHS England
Esme Crabtree Comms Lead
Mandy Griffin Technical Lead

Ola Zahran Urgent Care Lead
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Dr Jason I Broch CCIO WYH STP
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The Senior Responsible Owner is responsible for establishing membership of the Yorkshire and the Humber Care Record Delivery Board.