# hello my name is…

Richard Corbridge

Chief Digital & Information Officer, Yorkshire & Humber Care Record (LHCRE) - SRO
Leeds Teaching Hospitals NHS Trust
LTHT in numbers*

2,000 beds
10,000 babies born
130,000 inpatients
almost 17,000 staff
1,150,000 outpatients
106,000 day case patients
205,000 patients attending A&E
1.5 million patients every year

7 hospitals

*Numbers approximate at time
Of the 10 largest cities in the UK, 3 are home to 5.5 million people, generating £88bn in economic output. Leeds is the largest City region economy outside of London, home to £88bn economic output, generating 22% of the UK’s Digital Health Sector. Leeds is the largest City region economy outside of London, accounting for around 7% of UK GDP. Leeds is the largest City region economy outside of London, accounting for around 22% of UK GDP.

- 12 Universities including University of the Year 2017
  - Attract 88,565 students from other parts of the UK
  - Provide 27,375 jobs
  - Generate £1.7BN in other industries in the region
  - Contribute £1.5BN to the local economy

- 20 Acute Trusts
- 6 Teaching Hospitals
- 3 Sustainability and Transformation Partnerships
- 5 Mental Health Trusts
- 22 Clinical Commissioning Groups
- 1 Academic Health Science Network
- 1 Local Clinical Research Network
- 4 Local Enterprise Partnerships
- 1 Collaboration for Leadership in Applied Health Research and Care

- Generation of 22% of the UK’s Digital Health Sector employed in Leeds
- Generation of 7% of UK GDP

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Frustrated clinical and care staff

Different places, different systems
Some areas have shared care records, while others don’t.

Telephone conversations
Time-consuming phone calls to understand current situation.

Lost smartcards
Forgotten passwords
Chasing results
Using fax machines
Clunky system

Using paper filing systems
Patient information is kept on paper, which is hard to manage.

Information unavailable
Patient information isn’t accessible for some care staff.
What can the future offer?

- More time to spend with patients/service users
- Improved connectivity and integration
- Better decision making
- Reduction in tests
- Shared care and crisis plans
- Access to better information, faster
- Patient’s access and contribute to own record

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- 05/01/2019 Blood test results View
- 13/01/2019 Consultation View

Get involved and make your mark
Help shape the future of the Yorkshire & Humber Care Record

Information for urgent care
Key information will be available to urgent and emergency care staff to ensure the patients information is there when they need it.

Secure messaging between clinical and care staff

Patient data available on the move

Informed, connected, and collaborative care
<table>
<thead>
<tr>
<th>Resource</th>
<th>Doncaster Acute</th>
<th>Humber Teaching NHS FT</th>
<th>Leeds Teaching Hospitals</th>
<th>Rotherham Acute</th>
<th>Rotherham Council</th>
<th>Yorkshire Ambulance Service</th>
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</thead>
<tbody>
<tr>
<td>Data types</td>
<td>Acute</td>
<td>Mental Health, Primary Care, Community</td>
<td>Acute</td>
<td>Acute, Community</td>
<td>Local Government</td>
<td>Urgent Care</td>
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<tr>
<td>Patient</td>
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<tr>
<td>Care Plan</td>
<td>MDT Meetings</td>
<td>Crisis Care Plan</td>
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<tr>
<td>Condition</td>
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<td>Yes</td>
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<td>Procedures</td>
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<td>Allergy Intolerances</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Diagnostic Report / Clinical Impression</td>
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<td>Questionnaire</td>
<td>End of life preferences</td>
<td>End of life preferences</td>
<td>End of life preferences</td>
<td>End of life preferences</td>
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</table>

Systems of Systems Proof of Concept Sites
<table>
<thead>
<tr>
<th>Generic Tasks</th>
<th>2018/19</th>
<th>2019/20</th>
<th>2020/21</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Complete bid and agree MOU</td>
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<tr>
<td>2. Mobilisation of YHC Programme and Team to deliver YHCR</td>
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<tr>
<td>3. Public engagement with process to link YHCR data</td>
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<tr>
<td>4. IG review, ensure processes are GDPR compliant and privacy impact assessment</td>
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**The YH Care Record – Rapidly Improving Care**

- Extend the functionality of YHCR & Helm portal and integration capability to access all GP data (plus LHHT/Leeds data) across 50% of settings in the region.
- Carry out necessary clinical/business change and adoption work learning from exemplar pockets.
- Extend existing IG arrangements and get necessary sign ups (PIAs, DSAs).
- Extend the PPM cancer record platform across YH as a whole.

**The YH Care Record – “System of Systems”**

- Provision of regional YHCR and integration infrastructure.
- YH GP systems data linked using FHIR into YHCR.
- Link YHCR with national services SCR, NRS, CG IS.
- New YH Cancer pathway delivered within the YHCR.
- Carry out necessary clinical/business change and adoption work learning from exemplar pockets.
- Learning from pockets develop new regional IG agreements and get necessary sign ups.

**Helm (Patient Held Record)**

- Helm available for patients in Leeds.
- Helm available for other areas outside of YH to take.
- Helm available for cancer pathway patients.
- Helm available for 50% of YH patients.
- Helm available for 80% of YH patient.
- Helm digital consent management project.
- Work with citizens/patients, families and professionals to design and develop necessary process changes and models to be applied across the region.

**Yorkshire and Humber Care Record**

- **Rapidly Improving Care**, extend the established practice and integrated capabilities in Leeds and Rotherham

- **System of Systems**, We will fulfil the potential of exemplar solutions and practice deployed within Y&H over 10+ years, through building one federated integration architecture.

**Yorkshire and Humber Patient Held Record**, We will link professionals and integrate citizens as active participants in their own care through the region-wide adoption of Helm. Building on the existing £1.8m investment.

**Yorkshire and Humber Data Ark**, We will extend linked datasets to the entire Y&H population, supporting the triple aim of improving health, care and cost-efficiency, and targeting health inequalities. We will extend coverage of IG-approved (LDM) data flows for three distinct purposes: Research-ready, Commissioning (PHM), and Operational (Direct Care real time).