



Intelligent use of data

OBJECTIVE

The “Big Data” project – to work with the local CSU to exploit linked data in partnership with relevant academics and commercial partners for research purposes.

The “Interoperability” project – to enable an interoperable IT system across North West London through a Care Information Exchange (CIE) to facilitate appropriate information sharing between different care settings to improve care, and with patients.

ISSUE BEING ADDRESSED

The electronic records of patients’ clinical care are held in separate systems which do not communicate. Clinicians do not have the full information about the patient available to them at the point of care. Patients are not able to see and contribute to their own clinical records. Researchers and planners cannot link episodes of care across different clinical environments to improve services.

KEY OUTPUTS

1. A patient controlled cross-system portal (Patients Know Best) to allow exchange of care information between primary, acute, mental health and social care providers
2. A strategic business case for the continuation of interoperable care records in NWL beyond initial CIE initiative funding
3. A ‘roadmap’ to achieve paperless working and interoperability across NWL by 2020

Developing people across the NHS

- Increase number of partners (and other stakeholders) trained, and projects signed up to Patients Know Best (PKB)
- Improve ability of stakeholders to use linked data to evaluate and plan services

Achieving better health outcomes

- Improve care co-ordination between clinicians and care professionals for the benefit of patients through patient data visibility, to deliver safer care and management of long term conditions, and to reduce unexpected deterioration and urgent care

Building social capital

- Improve attitudes, cooperation and understanding between data custodians, database holders (CSU), and data users (researchers; operational analysts) to co-develop analytical frameworks, applications and algorithms

Generating and spreading knowledge

- Align common definitions of data sets for integrated clinical records
- Improve understanding of patient flows across health care settings
- Improve knowledge of risks and barriers across healthcare pathways

Contributing to economic prosperity

- Develop commercial products to improve patient outcomes
- Improve efficiency of care for people with complex and chronic conditions

DIRECT BENEFITS TO MEMBER ORGANISATIONS

Patients	100,000
Staff	tbc
NHS organisations participating in collaborations	21
Non-NHS organisations participating in collaborations	2
Sites implementing and spreading innovation	56
Other AHSNs implementing project / programme	2

TIMELINE

Sep 2013 – Sep 2017