



Case Study

Walsall Teaching PCT deploys CDRIntell - A Web-based GP Practice Data Export, Hosting and Reporting solution delivered over NHSnet/N3

This case study details how Walsall Teaching PCT has secured the delivery of a web-based primary care register for its 63 Practices.

Challenges

In early 2006, Walsall Teaching PCT (WtPCT) recognised the need for a service to:

- Export data from GP Practice Clinical System
- Host the patient data
- Report on that data.

One of the initial driving forces was the provision of Local Delivery Plan (LDP) Reporting, which required data from each Practice to be collated each quarter and within a very limited timescale.

Solution

WtPCT considered a number of options before commissioning Health Intelligence Ltd to deliver its web-based patient data export, hosting and reporting service, known as **CDRIntell**, delivered as a Managed Service. The initial focus was on the provision of a sophisticated LDP Dashboard Report, which not only reports on the key statistics required by the tPCT, but also provides tools for General Practice to deliver performance improvements.

Solid Benefits

WtPCT has established a population based register for all of its residents who are registered with General Practices. Currently, over 37 million items of diagnostic data are loaded for Walsall's 259,179 patients.

The CDRIntell Reporting service ensures the tPCT's Primary Care Informatics Team do not have to attend Practices to undertake specific extractions/run reports, they simply access CDRIntell via NHSnet/N3 from their PC and access all Practice data with ease.

Practice Based Commissioning Groups now use CDRIntell to administer a Local Enhanced Service re CVD Primary Risk Assessment and payments are made based on the assessments completed (for those patients identified on CDRIntell).

Key Business Benefits

Barbara Yates, Primary Care Informatics Manager, Walsall tPCT, said *“The prospect of all patient data being available within a secure and patient consent compliant register with advanced reporting capabilities, has enabled us to identify a range of business and clinical benefits.”*

These include:

- Efficiency in data and information provision
- Improved Security and Management of Patient Consent Arrangements
- Benchmarking and Performance Support
- Transforming the data into information
- Reporting Services

Current Benefits

By using disease specific CDRIntell dashboards, Walsall tPCT envisage that their healthcare business will significantly improve. Their services will become more targeted with clinical governance reviews undertaken and interventions evaluated much more effectively. The number of dashboards currently in use and supporting the provision of care are:

- Diabetes NSF
- CHD NSF
- Population Risk Stratification
- Medicines Management (CVD only)
- CVD Primary and Secondary Prevention
- Childhood Vaccination & Immunisation
- Influenza and Pneumococcal Dashboard

The Future

Walsall tPCT are now in the process of rapidly expanding their use of CDRIntell to include a range of new clinical areas and they have recently commissioned the delivery of a range of additional dashboard reports and believe that these too will provide additional benefits to drive forward improvements in performance of the NHS in Walsall. These reports include:

- Osteoporosis Dashboard
- Renal NSF
- COPD Dashboard
- Medicines Management (All)
- Wellbeing Promotion and Prevention
- Enhanced Services to include GSF (Gold Standard Framework)
- Data Quality

Conclusion

Recognising the wealth of data and the opportunity to transform and generate business and clinical intelligence in support of the delivery of healthcare, Walsall tPCT has been one of the first to capitalise. A willingness of General Practice to engage in the process has been achieved and was a prerequisite to the solution now being deployed to all Practices and Walsall tPCT.

There is now significant interest in supporting the development of a combined electronic patient record and reporting on the population, their needs and risks, and mapping this to the resources and costs of the healthcare delivered. Furthermore, there are moves to a more systematic approach to assessment and risk management, for example identifying patients who are not yet stabilised or receiving an appropriate package of care.

Health Intelligence Ltd

Health Intelligence has supported the NHS for over twelve years and was one of the first companies to establish population based registers and a systematic approach to assessing patient needs, risks and reporting against NSF and NICE recommended interventions. The reporting solutions take into account what is both clinically and managerially relevant and therefore all NHS organisations benefit from the web-based cross-sector approach taken by its flagship service (CDRIntell).