

## A Patient Record Integration Service for Worcestershire

CSW Health has worked together with Worcestershire NHS Health Services and Worcestershire County Council Social Services Department to develop and implement a Patient Record Integration Service for health and social care across Worcestershire.

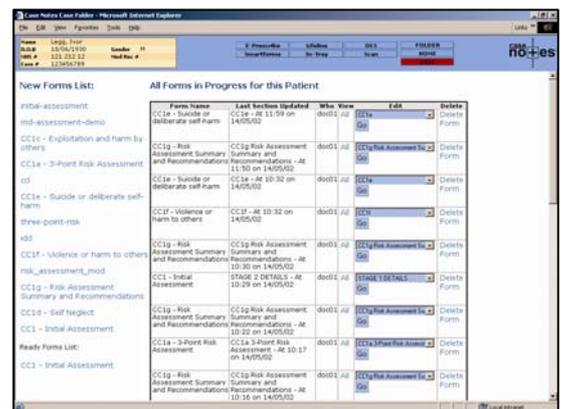
### Objectives

The Worcestershire ICT Programme set aside funding in 2003/04 to undertake pilot work towards a Patient Record Integration Service linking health and social care organisations in the Worcestershire region. This service would initially need to link to Acute, Community, Mental Health and Social Care organisations - providing care to the population of Worcestershire. The objectives of this new system were to:

- Improve sharing of clinical information between health sectors and social care
- Act as a pilot for a Care Records Service (CRS) by developing clinical enthusiasm for, and understanding, of the CRS concept
- Link data and to learn lessons from the data quality and patient identification issues identified
- Deliver a technical and application environment consistent with CRS standards, which LSPs may choose to build on

### The Solution

The solution, developed by CSW, provides a modular approach to integrating data from existing legacy systems. That patient data is then viewable by the whole range of professionals. This brings immediate benefits to professionals and the patients they are treating. Moreover, it provides a safe and secure development path to build up and integrate with new ICRS products as they become available.



The Patient Record Integration Service has been developed using Case Notes™ - CSW's XML-based, e-GIF compliant product suite for health records management. Case Notes™ provides structured access to all clinical care events, medication, patient history, order entry and test results - in fact all the clinical information required in the cradle-to-grave health record.



The Patient Record Integration Service for Worcestershire includes:

- **Exeter Population Index** - to link and uniquely identify all patient records stored in the repository
- **Clinical Correspondence** - to achieve electronic production of outpatient letters, electronic discharge summaries and incorporate this correspondence in an integrated patient record
- **Laboratory and Xray results** – so that Acute Trust Pathology and Radiology results are incorporated into the integrated patient record
- **Single Assessment Process (SAP)** – to extract data relevant to SAP from three patient management systems (Social Care, Community and Mental Health, Acute) and make data available as a single patient view
- **Patient/Client Information** - from PAS's & Social Services
- **Single portal access to Knowledge Systems** - to support Evidence Based Medicine

## Benefits

The new Patient Record Integration Service has brought immediate benefits to both the care professionals and patients of Worcestershire:

- The web-based solution is accessible from any work-based computer in Worcestershire NHS or Social Services
- It provides the ability to share information, where authorised, across the health community of Worcestershire
- It provides a proof of concept for an Integrated Care Record Service
- Technical and organisational barriers are overcome
- More efficient patient care – the electronic Single Assessment forms are pre-populated with known data

## The Future

The Patient Record Integration Service will improve sharing of clinical information between health sectors and social care in Worcestershire – improving quality and delivery of care to the patient. Worcestershire ICT Programme also hope to learn lessons from the data quality and patient identification issues identified in this pilot so that they can deliver a technical and application environment consistent with ICRS standards.

**For further information on CSW's case studies, please contact:**

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The screenshot shows a web browser window displaying a patient record. The patient's name is Ivor Legg, born 18/06/1930. The record includes a list of alerts on the left, a 'Discharge Letter' section, and a 'Discharge Drugs' table. The discharge letter is addressed to Dr Slaney and discusses back pain and chronic headaches. The drugs table lists Co-Pramol prescribed on 31/10/2000.

| Date       | Prescription | prescrib'd by | days supply | pharmacy to dispense | GP to continue | controlled drug |
|------------|--------------|---------------|-------------|----------------------|----------------|-----------------|
| 31/10/2000 | Co-Pramol    | Dr VL Brown   | 7           |                      |                |                 |