**Project Code:** NHS CFHEP 003

**Title:** Evaluation of the pilot implementation of an IT specification for a blood tracking system

**Principal Investigator:** Professor Jonathan Kay & Professor Abdul Roudsari, City University

**Research Team:**
- Ms Rachel Goddard, City University
- Professor Denis Protti, City University
- Dr Susan Clamp, University of Leeds

**Start Date:** 1st February 2008

**Duration:** 2 years, 8 months

**Final Report Due:** 2nd November 2010

**Cost:** £240,535

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**Research abstract:**

Evaluation is an integral ingredient of system planning, design and implementation. Hence effective evaluation methodologies must address all aspects of the IT system lifecycle in a proper systemic fashion.

We will produce a clear, comprehensive valuation of the implementation of the National Specification in its first site of implementation (Mayday NHS Trust). We will bring to this our experience in implementation and evaluation of autoidentification in blood transfusion and other clinical areas and our wider experience in implementation of innovative clinical information management.

We will use “before” and “after’ data from clinical areas that migrate and also comparison with areas that are not migrating. Where possible the evaluation will use the same methodology and criteria as in the Oxford project (see References). We will use both summative and formative evaluation. The major sources of information will be:

- The Trust’s own implementation reports
- Objective data on rates of uptake and factors controlling this
- A register of technical issues
- A register of stakeholder issues
- Interviews and focus group work with all the stakeholders including practitioners using the system, affected patients and the implementation team.

We are very aware of the pressures on the implementation team and the affected practitioners and our approach will minimise the requirements for additional meetings.

The report will include an evaluation of compliance with the relevant guidance from NHS CFH, NPSA and the EU Blood Directive.
References:

