



i.Clinical Manager Case Study



Product overview

Clinical Information is the key to effective patient care. On a ward or in a clinic, effective access to a patient's medical history and current medication is essential to ensure safe and appropriate treatment. Up-to-date results from the laboratory and images from radiology help to support clinical decisions, while clinically approved pathways of care, combined with clinically relevant alerts and reminders, help to ensure consistent best practice. i.Clinical Manager is a powerful information solution that will deliver this information, and more, to the care-provider.

Salford Royal ends its paper round

Real live EPR gives clinical staff immediate access to patient records

As a result of the continuing roll-out of the iSOFT EPR, many consultations at the Salford Royal Hospitals Trust are now virtually paper record-free.

"By using the capability of iSOFT's i.Clinical Manager to support discipline-specific information requirements, we can call up virtually all the results and background information we need instantaneously from one integrated record. In some specialties around 95% of consultations are now entirely based on results, notes and correspondence called up from the EPR on screen, and not dependent on the access to the patients' written records.

"We are using i.Clinical Manager to support our ward rounds by accessing the latest patient information immediately before we start," adds Dr Young, who is also the Lead for Informatics at the trust. "Furthermore, we can create discharge summaries in i.Clinical Manager and write the accompanying out-patient prescriptions, thereby streamlining procedures, saving valuable staff administration time and ensuring prompt, accurate communications for GPs and patients."

Dr Bob Young

Consultant Physician and Medical Director,
Clinical Effectiveness

The i.Clinical Manager-based EPR is also proving to be a vital tool in emergency medicine and surgery.

Dr Young continues:

"Being able to gain immediate answers to key clinical questions, without the inevitable delay entailed in retrieving case notes, makes a real difference to how we assess and treat our patients."

To maximise its effectiveness, everyone within the trust, from support assistants to consultants, has access to i.Clinical Manager, with appropriately graded access rights to protect patient confidentiality. From its inception, the system has been designed to support over 600 concurrent users without any reduction in its response speed.

Part of the success of i.Clinical Manager has been the ease with which the functionality of previous 'stand alone' clinical systems (e.g. diabetes and obstetrics) has been re-provided and enhanced within the generic EPR platform. Plans are also well advanced to scan dermatological, retinal and endoscopic images into i.Clinical Manager, and to introduce in-patient electronic prescribing and order communications.

About iSOFT

iSOFT is one of the world's leading suppliers of advanced software applications for the healthcare sector. With our core application set – LORENZO – we are at the forefront of the technology revolution taking place in healthcare.

Our products are used by more than 8,000 organisations in 27 countries for managing patient information and driving improvements in healthcare services.

We continue to focus on developing innovative application solutions for all our target markets, with 1,400 technology specialists engaged in software design, development and solution delivery.

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In the medium term, Dr Young is keen to explore accessing information at the patient's bedside, possibly using tablet PCs communicating with a wireless network. This approach can be accommodated using forthcoming versions of i.Clinical Manager, which have been written to exploit the benefits of Microsoft Windows XP and its digital ink capabilities.

"This exemplifies the key development criteria for i.Clinical Manager, that of putting clinical information at the fingertips of clinicians not only where and when they need it, but also in a format to which they can easily relate. This has been achieved by working closely with clinicians to ascertain what they really need, and how they want it presented on screen."

Dr Chris Tackaberry
iSOFT Clinical Director

"We look forward to working together with the trust to further develop the breadth of function that our product offers to clinicians and patients alike in Salford, through extension of the project in which GPs and hospital based practitioners access and contribute to a community-wide diabetic record created using i.Clinical Manager. It is this approach to using modern technology to support integrated working which underpins the government's strategic agenda, and iSOFT is proud to be associated with the work being undertaken in Salford."

Nick Harte
iSOFT Product Development Director