

XDS in the UK

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Use of slides supplied by
IHE-Europe

Ed Conley & Ian Taylor, Cardiff University,
Richard Harries & Stephen Trowell, Northern Lincolnshire and Goole NHS Hospital Trust
is acknowledged



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XDS in the UK – what is going on?

- Talking about it
- Healthcare IT users beginning to ask for it
- 2009 Projects in the pipeline
- IHE-UK is working on metadata guidance notes

- 2006 IHE-UK Meeting at the British Institute of Radiology
 - **Sharing Healthcare Documents within and between Trusts**
- 2007 IHE XDS Document & Image sharing in UK Healthcare
- 2008 Sharing Clinical Documents and Integrating Workflow
- 2009 XDS afternoon session in HL7 UK Roadshow

www.IHE-UK.org look under events/archived events

Healthcare IT users asking for XDS

Royal College of Radiologists Report (RCR) March 2009
“National Strategy for Radiology Image and Report Sharing”
Prepared by the RCR IT Sub-committee

Recommendations include:

- Data sharing strategy should adhere to a number of principles including:
 - Use of open standards and in particular XDS and XDS-I
 - A National Image Registry

http://www.rcr.ac.uk/docs/newsroom/pdf/National_Image_and_Report_Sharing_Strategy_Mar_2009.pdf

2009 Projects in the pipeline

- Ed Conley / Ian Taylor - distributed servers project
 - XDS in support of document sharing for research
- Richard Harries / Stephen Trowell
Multi-Disciplinary Team Project
 - Evaluation of the implementation on XDS in an clinical team setting
- Nick Brown XDS metadata guidance notes project
- Dave Harvey XDS-I in Wales (next presentation)



Humber Current MDT facilities

- Joint team meetings implemented using video conferencing facilities linking Hull and Grimsby
- Two large flat panel screens for image display
 - PC linked microscope
 - PACS workstation
 - Laptop
- Presentations by Radiologist, Pathologist etc referring to images shared on video screens
- Patient records other than images in paper form
(some recent records are available in electronic form, some only in hardcopy form)



Humber MDT meeting XDS enhancement

- Two objectives
 - Proof of concept of XDS implementation in the UK environment
 - Enhancement of MDT meeting facilities by access to selected text documents during and after meetings
- Initial project: added functionality
 - Rapid selection and display of Discharge Summaries, Outpatient Clinic Notes and Operation Notes
 - Availability of these documents following the meeting

Further information: Stephen.Trowell@nlg.nhs.uk

XDS Metadata guidance notes

- A submission to an XDS Document repository must have two parts
 - 1 the document itself
 - 2 a set of descriptive information about the document
- XDS supports document searches through the use of the descriptive data belonging to each stored document – metadata
- Each document has 7 mandatory items of metadata
- The XDS metadata items have been chosen from among items that are usually available

XDS Document Search Example

Search Items	Documents found
Patient Identifier	All Documents for this patient
Date range	All documents created within date range
Document Class	All documents within date range of a selected class e.g. reports
Practice Setting	All documents within date range and class created within a selected Practice Setting

XDS Metadata Guidance notes

- Keep it simple and support at least what is current practice
- Guidance notes project regarding key metadata items
 - Focus on Document class first
 - Overview of basic sorts of generic document
 - Review current use of paper notes dividers e.g. correspondence, lab results, reports, clinical notes etc
 - Seek consensus/feedback
 - Future work - perhaps incorporate headings within the document in the metadata
- More information: nbrown.mimic@btinternet.com.

For this and other presentations:

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Contacts

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