



Image Sharing Demonstration – RSNA 2007

IHE Workshop 2007

Chris Carr

RSNA



Goals

- Showcase power of Cross-enterprise Document Sharing for Imaging (XDS-I) and Teaching File and Clinical Trial Export (TCE) profiles to create networks of care sites capable of sharing images and related information for clinical care, education and research

Key benefits:

- 1) access to priors and***
- 2) easy teaching file authoring***

What are XDS-I and TCE?

- **Cross-enterprise Document Sharing for Imaging (XDS-I):** specifies standards for sharing DICOM images, diagnostic reports and related information across networked care sites.
- **Teaching File and Clinical Trial Export (TCE):** specifies standards for selecting DICOM images and related information and exporting them to teaching file authoring or clinical trials management systems.

2006 Demo Overview

IHE **Image Sharing** **Demonstration**

***The Connected Health
System is Here Now***

- *Quick network access to prior imaging studies*
- *The image-enabled electronic health record*
- *Seamless links between clinical radiology and research and education*

iHE *changing the way healthcare*
www.ihe.net **connects**



- Acuo Technologies
- Agfa Healthcare
- Aspyra, Inc.
- Eastman Kodak Company
- Emageon
- Fuji
- GE Healthcare
- Hx Technologies Inc.
- IBM
- Initiate
- McKesson
- Medical Informatics Engineering, Inc.
- **Philadelphia Exchange**
- Siemens Medical Solution
- SOFTMEDICAL
- Vital Images



2006 Image Sharing Demo

- **269 attendees completed centralized component of the demonstration**
- **236 attendees visited at least three vendor booths to see distributed element performed**
- **Attendees overwhelmingly stated that demonstration addressed issues of importance and provided new information**

Demonstration Process

● Centralized Demo

- View introductory video presentation
- Accompanied by docent to walk through one or two scenarios
- Each scenario based on plausible clinical case, supported by appropriate set of images and other records
- Each cycle addresses both XDS-I and TCE
- At end of demo, receive token premium for participation

Key Messages

- **XDS-I will enable sharing of medical images and reports across a network of care sites.**
- **TCE defines a linkage between the diagnostic workstation and systems for teaching file authoring and clinical trials management.**
- **IHE will play an important role in implementation of a nationwide health information network.**
- **Attendees encouraged to ask vendors about their support of IHE integration profiles.**

New for 2007

- **Product showcase on commercial exhibit floor for products incorporating TCE capabilities**
- **RSNA-hosted MyMIRC files Web-based teaching file authoring and management service**

Key Dates

- **Organizational meeting: tomorrow (Tues., 6/12) 3:15-4:45 (York 1&2)**
- **Application due: Aug. 15**
- **Rehearsal event: Oct. 8-10, RSNA HQ**
- **Demonstration: Nov. 25-30 at RSNA Annual Meeting, McCormick Place, Chicago**

Questions and Comments?

- www.ihe.net
- ihe@rsna.org



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