

Tutorial 1

Document management & document - based EHRs based on IHE XDS

Wednesday October 8, 2008, 15:30 - 17:30

Conference Room: KALIA

Instructors: Charles Parisot, IHE Europe, IT Infrastructure

Planning Committee Co-Chair Manager Standards and Testing, GE Healthcare

Rene Spronk, Ringholm GmbH, NL

Summary:

This tutorial covers the generic principles underlying the use and exchange of electronic documents (e.g. CDA). It also covers the management of the document lifecycle and the metadata associated with a document. The final part of the tutorial focuses on IHE XDS: the management and exchange of documents and document metadata as the basis for a document based regional/national EHR.

Prerequisites:

***Knowledge of general workflows
in healthcare.***

Tutorial 2

The Electronic Medication Record in the Netherlands: Challenges and Solutions

Wednesday October 8, 2008, 15:30 - 17:30

Conference Room: ERATO

Instructors: Tom de Jong, MD, Nova Pro management & consultancy
Dr med. Kai Heitmann, Director HL7 International Affiliates

Summary:

In 2004 the Dutch National Institute for IT in Healthcare (NICTIZ) has started a program to create a national Electronic Healthcare Record, based on an infrastructure where all data stays at the source. The initial focus has been on the Electronic Medication Record, aiming to achieve transparent real-time access to every patient's medication history. The tutorial will describe the context of Dutch healthcare and pharmacy-related IT, including the way NICTIZ lets all stakeholders participate in the (virtual) medication record. There will be special focus on the technical challenges, and the methodology used to overcome them. This will include a description of the HL7 version 3 (XML) interfaces, the tools used to implement and test them, and the pitfalls encountered. We will finish with the ambitions for the near future.

Required Knowledge:

Some basic knowledge of XML is expected.

Knowledge of HL7 v3 is useful, but certainly not required.

Tutorial 3

CDA Implementation Guides for the Electronic Health Record

Thursday October 9, 2008, 09:00 - 12:00

Conference Room: ERATO

Instructors: Bob Yench, Alschuler Associates, USA

Summary:

This tutorial will provide a brief introduction to CDA, including its relationship to the RIM and use of XML. It reviews types of CDA documents and information and pattern re-use across document types. It covers several aspects of the relationship of CDA to the EHR for security, portability and longevity.

The second part of the tutorial will focus on CDA Implementation Guides, their function and contents including localization and common topics such as identifiers, templates, terminology and conformance. The session concludes with a discussion of Implementation Guides as a whole product supporting development of CDA-compliant environments.

Required Knowledge:

***Some basic knowledge of XML
is recommended but not required.***