HL7 Offers Free Ambassador Webinar—HL7 Clinical Decision Support Standards

Webinar will provide an overview of the Infobutton, Decision Support Service and Virtual Medical Records Standards

Ann Arbor, Michigan, USA – August 7, 2012 – Health Level Seven® International (HL7®), the global authority for interoperability and standards in healthcare information technology with members in 55 countries, will present a complimentary Ambassador webinar on HL7 clinical decision support standards next Tuesday, August 14, 2012, from 2:00 – 3:00 pm EDT.

This webinar will provide an overview of three of the HL7 Clinical Decision Support (CDS) Work Group’s standards. The webinar will be divided into two sections—Dr. Guilherme Del Fiol will first provide an overview of the HL7 Infobutton standard followed by a review of the HL7 Decision Support Service and Virtual Medical Record standards presented by Dr. Kensaku Kawamoto.

Part I: HL7 Infobutton standard

Clinicians raise several medical knowledge questions in the course of care and most of these questions are left unanswered. These knowledge gaps may compromise patient care decisions, leading to lower health care quality, and are missed opportunities for just-in-time learning. An increasingly popular approach to help clinicians meet their knowledge needs is to enable seamless access to online knowledge resources within electronic health record (EHR) systems via context-sensitive “infobuttons.” Based on contextual attributes that include information about the patient, clinician, care setting, and the clinical task at hand, infobuttons anticipate clinicians’ knowledge needs and automatically retrieve relevant content from online knowledge resources into EHR systems.
Infobutton capabilities are now being quickly disseminated among knowledge publishers and EHR vendors, enabled by the HL7 Context-Aware Knowledge Retrieval standard, also known as the Infobutton standard. The Infobutton standard is one of the requirements in the proposed Stage 2 Meaningful Use standards certification criteria for EHR systems. Dr. Del Fiol will 1) provide an overview of the Infobutton Standard specifications; 2) demonstrate infobutton implementations; 3) summarize research results showing the impact of infobuttons on clinicians’ decision-making; and 4) discuss the Meaningful Use requirements related to the Infobutton standard.

Guilherme Del Fiol, MD, PhD, an Assistant Professor in the Department of Biomedical Informatics at the University of Utah, has over 15 years of experience in healthcare informatics. He is the lead author of the HL7 Infobutton standard and is a co-chair of the HL7 Clinical Decision Support Work Group.

**Part II: HL7 Decision Support Service and Virtual Medical Record standards**

A decision support service (DSS) enables a service-oriented approach to clinical decision support (CDS), in which patient data are received by a DSS as the input, and patient-specific conclusions are returned as the output. The HL7 DSS specification provides a standard interface for the provision and consumption of such services. Moreover, the HL7 Virtual Medical Record (vMR) provides a standard data model for representing the data that are analyzed and/or produced by CDS systems, including CDS services. Both the HL7 DSS and vMR standards are being considered for inclusion as Stage 3 Meaningful Use standards certification criteria for EHR systems. Together, these standards support an interoperable and scalable approach to delivering CDS as software service. In his talk, Dr. Kawamoto will provide an overview of the HL7 DSS and vMR standards. He will also describe OpenCDS (www.opencds.org), which provides a freely available, open-source implementation of the HL7 DSS and vMR standards.

Kensaku Kawamoto, MD, PhD, is the Director of Knowledge Management and Mobilization for University of Utah Health Care and an Assistant Professor in the Department of Biomedical Informatics at the University of Utah. Dr. Kawamoto is the lead author of the HL7 DSS and vMR standards and serves as a co-chair of the HL7 Clinical Decision Support Work Group.

To register for this free webinar, please visit [http://www.hl7.org/events/ambassador201208/](http://www.hl7.org/events/ambassador201208/).

HL7 Ambassadors present standardized presentations about HL7 as volunteer speakers. They are available to present at local, regional or national conferences. Please contact HL7 at +1 (734) 677-7777 if you would like to schedule an HL7 Ambassador for an upcoming event.

**About Health Level Seven International (HL7)**
Founded in 1987, Health Level Seven International is the global authority for healthcare information interoperability and standards with affiliates established in more than 30 countries. HL7 is a non-profit, ANSI accredited standards development organization dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services. HL7’s more than 2,300 members represent approximately 500 corporate members, which include more than 90 percent of the information systems vendors serving healthcare. HL7 collaborates with other standards developers and provider, payer, philanthropic and government agencies at the highest levels to ensure the development of comprehensive and reliable standards and successful interoperability efforts.

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For more information, please visit: www.HL7.org

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