Integrated Surveillance Seminar Series

Hosted by
Division of Integrated Surveillance Systems and Services
National Center for Public Health Informatics, CDC

Title: **The Implementation of Clinical Document Architecture (CDA) for the Electronic Submission of Healthcare-Associated Infection (HAI) Data to the National Healthcare and Safety Network (NHSN)**

Speaker: **Marla Albitz, NHSN IT and CDA Project Manager**

Moderator: **GB Kesarinath, MS, Assoc. Dir. Tech. (NCPHI/DISS)**

Objectives

- *To introduce concepts of Health Level 7 (HL7) Clinical Document Architecture Release 2 (CDA R2). CDA R2 is an XML-based, HL7 standard for storage and exchange of structured documents in electronic form, such as continuity of care records for clinical use and disease case reports for public health use*
- *To explain the use, challenges, and evolution of CDA for Healthcare-Associated Infections (HAI) for the CDC's NHSN*
- *To discuss the implications of CDA for HAI reporting in terms of lessons learned for other public health surveillance systems*

Date: Wednesday, Sept. 10th, 2008

Time: 11:00 am—12:30 pm ET

Location: Roybal, Bldg. 19, Aud. A

Also available via Envision & webinar. Presentation will be archived on Integrated Surveillance Seminar Series website.
Visit: http://www2.cdc.gov/ncphi/disss/seminars/

Presentation Synopsis

The Division of Healthcare Quality Promotion (DHQP) has been partnering with HL7, the Association of Professionals in Infection Control and Epidemiology (APIC), and the Hospital Software Vendor community to bring electronic data submission capability to the National Health Safety Network (NHSN). Through coordinated efforts of many, Clinical Document Architecture (CDA) is being implemented to allow for electronic submission clinical documents for Healthcare Associated Infection (HAI) reporting. In this presentation, we will explore the challenges, lessons learned and successes of bringing the new emerging standard of CDA to the public health domain. Challenges presented vary from standardizing vocabulary, translating public health terms into clinical statements and preparing an application to receive CDA records.

About the Speaker

Marla Albitz serves as the NHSN information technology project manager and project manager for the NHSN CDA for HAI reporting project in the Surveillance Branch, Division of Healthcare Quality Promotion, NCPDCID, CCID. Marla's information technology career spans over 20 years with the last nine years at the CDC. Marla is employed by Lockheed Martin Information Technology and holds an undergraduate degree in Management Information Systems from the University of Georgia. She is a certified HL7 CDA Specialist and a Project Management Professional (PMP).

About the Moderator

GB Kesarinath has been Associate Director of Technology for NCPHI Division of Informatics Shared Services since fall 2007. He also serves as the program manager for the PHIN VADS and PHIN MS. The Division overall spans Vocabulary, Messaging standards, content and transport, Data Warehouse, Interface Engines, Security Infrastructure and Geographic Information Systems.

Participant Access Procedures

If you are unable to attend in person, you may access the event through one of the alternate methods below.

Webinar (see website for overflow webinar information—URL below)

Audio Portion (866) 718-2139 Passcode: 7288034

Web Portion https://www303.livemeeting.com/cc/cdc/join
Meeting ID: ISSS20080910
Password: attendee

Envision (for CDC facilities only)
Your location may be able to receive this event via ENVISION. Please contact your local ENVISION facilitator or the Envision Office at (404) 639-3404 if interested.

Presentations and recordings may be accessed through the seminar series website at http://www2.cdc.gov/ncphi/disss/seminars/index.asp

About the Integrated Surveillance Seminar Series

Purpose: Public health professionals must make decisions based upon information residing in multiple informational silos. Many challenges exist for taking data from separate systems and combining it, providing information to inform critical decision making. This series is intended to provide: an interactive forum for discussion of issues and approaches to integrated surveillance; a mechanism for discussing best practices; education on integrated surveillance; a means to solicit feedback on issues and approaches from critical stakeholders.

Target Audience: Public health professionals and information technology support staff involved in health monitoring (surveillance) and epidemiological response activities.

Prerequisite Skills or Knowledge: Participants should have a basic understanding of surveillance and epidemiology. Previous knowledge of informatics or information technology is not required.

Objectives: (1) Present information on the identified topic; (2) identify unresolved issues or challenges related to the topic; (3) discuss potential approaches or solutions to identified issues/challenges; (4) document any action items for follow-up.

Contacts: This seminar series is hosted by CDC's National Center for Public Health Informatics, Division of Integrated Surveillance Systems and Services. For more information about the seminar series, please send an email to integratedsurveillance@cdc.gov. You may also visit our website at http://www2.cdc.gov/ncphi/disss/seminars/index.asp.