



Health Level Seven® International

Unlocking the Power of Health Information

MAY 2016 Working Group Meeting

MAY 8–13, 2016

Le Centre Sheraton Montreal Hotel
Montreal, Quebec, Canada

Register Today!

Early Bird & Hotel Registration Cutoff:
April 15, 2016

Online Registration Cutoff:
April 22, 2016



New Initiatives

Look inside for this icon to discover the latest initiatives from HL7 International, such as:

- BRIDG
- CIMI
- Consolidated CDA®
- Healthcare Standards Integration
- HL7 FHIR®
- Learning Health Systems



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Thank You to Our Sponsors

LODGING ROOM KEYS



A E G I S

WEDNESDAY PM NETWORKING RECEPTION



WEDNESDAY PM NETWORKING RECEPTION



WEDNESDAY PM COOKIE BREAK



Letter from the Chair

To all:

Welcome to Montreal! Such a lovely and vibrant location for the May Working Group Meeting!



I recently attended the HIMSS16 conference—and though located in Las Vegas, Nevada, I did have an opportunity to talk with individuals from other countries including Canada as well as the Netherlands. The excitement around FHIR was amazing. The HL7 International booth was ‘standing room only’ whenever there was a presentation on this new standard. And, from what I hear, anywhere else FHIR was mentioned, the presentation had an amazing turnout.

Some of the key themes from this meeting:

- High visibility on the concept and need for interoperability
- The desire to implement applications that work---supporting the need to test during all phases of standards development so that actual implementations might work smoothly
- Assistance with development---provide or define the tooling or toolkits needed in implementation so those working with the HL7 products don't have to sort this out;
- Socialize the work that is occurring---so there might be the opportunity to not re-invent the wheel.
- Interest to ensure that the FHIR work is being done globally because so many organizations are international in their work.

I want to thank all of you in continuing to promote and support the HL7 International organization and standards. And I want to extend a special thank you to our volunteers who give of their own time to make the work of HL7 accessible and applicable.

Have a wonderful time in Montreal. Make sure you take some time to play!

Patricia A. Van Dyke

Patricia A. Van Dyke
Chair, Health Level Seven International
2016-2017

Saturday, May 7

- 9:00 – 5:00pm TSC Meeting
 ★ 9:00 – 5:00pm FHIR® Connectathon

Sunday, May 8

- 8:30 – 5:00pm REGISTRATION
 ★ 9:00 – 12:30pm FHIR Connectathon
 9:00 – 3:00pm International Council Meeting
 ★ 12:30 – 1:30pm FHIR Management Group, FHIR Governance Board Luncheon/Meeting
 1:45 – 5:00pm Application Implementation and Design (AID)
 1:45 – 5:00pm Vocabulary (Voc)
 3:00 – 4:00pm **First-Time Attendees' Orientation – FREE TUTORIAL**
 ★ 3:30 – 5:00pm **FHIR Update and Coordination Session – HL7 Co-Chairs & Facilitators ONLY – FREE TUTORIAL**
 4:00 – 5:00pm **Understanding the HL7 International Organization – From Process to Governance – FREE TUTORIAL**
 5:00 – 6:00pm **Tutorial Development Workshop – FREE TUTORIAL**
 5:15 – 6:15pm TSC Meeting

Monday, May 9

- 7:00 – 8:00am **First-Time Attendees' Orientation – FREE TUTORIAL**
 7:00 – 5:00pm REGISTRATION
 7:30 – 8:30am Continental Breakfast
 8:00 – 8:45am General Session – HL7 CEO and International Council Reports, Announcements
 9:00 – 12:30pm **Introduction to Version 2, Part 1: Control and ADT**
 ★ 9:00 – 12:30pm **XDS and CDA**
 9:00 – 12:30pm **Standards for Interoperability**
 9:00 – 5:00pm Working Group Meetings
 10:00 – 10:30am Morning Break
 12:30 – 1:30pm Lunch – First-Time Attendees' Q & A reserved tables
 12:30 – 1:30pm Lunch – Co-Chair reserved tables
 12:30 – 1:30pm Education Facilitators' Roundtable Luncheon/Meeting
 1:45 – 5:00pm **Introduction to Version 2, Part 2: Orders and Observations**
 ★ 1:45 – 5:00pm **Consolidated CDA**
 ★ 1:45 – 5:00pm **Introduction to HL7 FHIR**
 3:00 – 3:30pm Afternoon Break
 5:15 – 7:00pm Co-Chairs Dinner/Meeting (**Must register**)
 7:00 – 8:30pm Domain Experts Steering Division
 7:00 – 8:30pm Foundation & Technology Steering Division
 7:00 – 8:30pm Structure & Semantic Design Steering Division
 7:00 – 8:30pm Technical & Support Services Steering Division

Tuesday, May 10

- 7:00 – 8:00am **Glossary Management—Defining and Managing the Terms Used by Healthcare SDOs – FREE TUTORIAL**
 7:00 – 8:00am Nurses Breakfast/Meeting
 ★ 7:00 – 8:00am FHIR Governance Board
 7:00 – 5:00pm REGISTRATION
 7:30 – 8:30am Continental Breakfast
 8:00 – 8:45am General Session – HL7 CTO and TSC Reports, Announcements
 9:00 – 12:30pm **Version 2.7 Control Specialist Certification Exam Preparation**
 9:00 – 12:30pm **Introduction to UML: Using UML in Developing HL7 Specifications**
 ★ 9:00 – 12:30pm **FHIR for Architects**
 9:00 – 5:00pm Working Group Meetings
 10:30 – 11:00am Morning Break
 12:30 – 1:30pm Lunch – Board of Directors'/Affiliates
 1:45 – 5:00pm Board of Directors' Meeting
 1:45 – 5:00pm **Vocabulary in HL7 – Foundations (Vocabulary 2)**
 ★ 1:45 – 5:00pm **FHIR for Specifiers**
 3:00 – 3:30pm Afternoon Break

Wednesday, May 11

- 7:00 – 8:00am **How to Design and Deliver an HL7 Tutorial – FREE TUTORIAL**
 7:00 – 8:00am **GS1 Standards for Supply Chain Meets HL7 – FREE TUTORIAL**
 7:00 – 8:00am Physicians Breakfast/Meeting
 7:30 – 8:30am Continental Breakfast
 7:30 – 5:00pm REGISTRATION
 8:00 – 8:45am General Session – HL7 Board Report, Awards Presentations, Announcements
 9:00 – 12:30pm **Introduction to Clinical Document Architecture**
 9:00 – 12:30pm **Authoring Value Set Content**
 ★ 9:00 – 12:30pm **Introduction to FHIR Development**
 9:00 – 5:00pm Working Group Meetings
 10:30 – 11:00am Morning Break
 12:30 – 1:30pm Technical Steering Committee (TSC) Luncheon/Meeting
 ★ 12:30 – 1:30pm Clinicians on FHIR Luncheon/Meeting
 1:45 – 5:00pm **Clinical Document Architecture – Advanced**
 1:45 – 5:00pm **HL7 Hot Topics – Healthcare Challenges, Technological Advances, and HL7's Response**
 1:45 – 5:00pm **Specification Profiles and Conformance**
 3:00 – 3:30pm Afternoon Break
 3:30 – 5:00pm Product Line Architecture Program
 5:15 – 7:15pm Networking Reception

Thursday, May 12

- 7:00 – 8:00am **Newly Elected Co-Chair Training – FREE TUTORIAL**
 7:30 – 8:30am Continental Breakfast
 7:30 – 5:00pm REGISTRATION
 8:00 – 8:45am General Session – Announcements
 9:00 – 12:30pm **CDA Specialist Certification Exam Preparation**
 ★ 9:00 – 12:30pm **Clinical Genomic Apps via FHIR: From Design to Deployment**
 9:00 – 5:00pm Working Group Meetings
 10:30 – 11:00am Morning Break
 12:30 – 1:30pm US Realm Steering Committee Luncheon/Meeting
 12:30 – 5:00pm Affiliate Chair or Designated Rep Luncheon/Meeting (**Must register**)
 2:00 – 4:00pm **HL7 Version 2.7 Control Specialist Certification Exam**
 2:00 – 4:00pm **HL7 CDA Specialist Certification Exam**
 2:00 – 4:00pm **HL7 Version 3 RIM Certification Exam**
 3:00 – 3:30pm Afternoon Break
 5:30 – 8:00pm FHIR-I, MnM & Vocabulary Facilitators' Roundtable

Friday, May 13

- 8:00 – 8:45am No General Session
 8:00 – 9:00am Continental Breakfast
 8:00 – 1:00pm Staff on hand for questions and assistance
 9:00 – 12:30pm HL7 Terminology Authority (HTA)
 9:00 – 12:30pm Working Group Meetings
 ★ 9:00 – 3:00pm Clinicians on FHIR
 10:30 – 11:00am Morning Break
 12:30 – 1:30pm Box Lunch

Note: Tutorials appear in bold

Note: In compliance with our status as an ANSI-accredited standards developing organization, HL7 meetings are open.

HL7 International working group meetings (WGMs) are held three times per year at varying locations. These WGMs serve two important purposes:

- They give the HL7 International work groups a chance to meet face-to-face to work on the standards as well as the opportunity to network with industry leaders from around the world.
- They provide an invaluable educational resource for the healthcare IT community.

Standards Development

More than 40 HL7 work groups are dedicated to specialized areas of interest such as Mobile Health and Electronic Health Records. These work groups are directly responsible for the content of the standards and spend much of their time at the working group meetings hard at work on standards development. Attending a work group

meeting can be a great way to keep up-to-date on what is happening in a particular area, and everyone attending an HL7 working group meeting is invited to attend any of the work group meetings.

Please see pages 19-22 for a complete schedule of meeting times throughout the week.

Educational Sessions

Numerous educational opportunities will be offered at this WGM. Sessions will cover a full range of HL7-specific topics such as Version 2.x Implementation, Version 3, and the Clinical Document Architecture (CDA®), Fast Healthcare Interoperability Standards (FHIR®), among others. Educational sessions also include industry topics such as Electronic Health Records and Vocabulary Terminology. For a full listing of course descriptions, please see pages 5-15.

Education Tracks

HL7 has organized its courses into five tracks to make it easier to choose the educational offerings that are right for you:

Track 1 – Version 2.x Core

HL7 Version 2 is the world's most successful healthcare interoperability standard. Originally developed in the late 1980s, it has been continually enhanced over time. The introductory tutorials familiarize students with the Version 2 messaging standard and its core domain areas, while the implementation classes provide the “how to” basics of implementation. The track also includes courses that cover conformance and profiles and XML for Version 2.

Track 2 – Version 3 and CDA® Core

HL7 Version 3 is HL7's model-driven architecture allowing for better semantic interoperability and has been adopted by major healthcare organizations, such as the NHS in England. This track is designed to give the attendee a thorough introduction to the Version 3 family of standards. It covers Version 3 fundamentals, the Reference Information Model (RIM), messaging, documents (Clinical Document Architecture), messaging infrastructure (wrappers, transport), and the XML Implementation Technology Specification (ITS). It concludes with classes that address strategies for implementation.

Track 3 – Special Topics

The Special Topics track offers a variety of electives that describe important HL7 standards that may not fall into

either the Version 2 or Version 3 family. These include HL7 standards for Electronic Health Records (EHR), Security and TermInfo. The Special Topics track also offers advanced or specialized classes in Version 2 or Version 3 subjects that are not considered part of the basic core offerings. Examples include classes in Version 2 and Version 3 tooling, and domain classes such as Clinical Genomics.

★ Track 4 – FHIR®

This track provides tutorials and other activities focused on HL7's new Fast Healthcare Interoperability Resources standard. It includes a mixture of tutorials, hands-on development at the Connectathon, and interactive presentations to bring implementers and decision makers up to speed and ready to use the standard in their own environments.

Track 5 – Information Forums *FREE*

This track provides tutorials designed to support new member involvement, and help existing members become more effective in their participation in the HL7 standards development process. Tutorials included in this track are first timers' orientation, introduction to HL7 organization and process, the HL7 development framework, and co-chair training.

These tracks are only suggested course groupings. Feel free to choose whatever courses you feel are right for you from among the five tracks.

TRACK 1—VERSION 2.x CORE

M1 – Introduction to Version 2, Part 1: Control and ADT

Monday, May 9 / 9:00 am – 12:30 pm

This tutorial provides students with an overview of the Version 2.7 Standard Chapter 2 – Control and Chapter 3 – Patient Administration. It covers the major concepts and processes for the development and usage of the HL7 Version 2.x messaging standard defined in Chapter 2 – Control and applies this to a number of examples from Chapter 3 – Patient Administration.

This Tutorial Will Benefit:

- Those new to HL7 Version 2.7 with a need to become more familiar with the fundamentals of the HL7 standard, or as a refresher

Upon Completion of This Tutorial, Students Will Know:

- The basic function of HL7 Standard messaging components
- How to explain original and enhanced mode processing

Faculty:

Hans Buitendijk, FHL7: Director, HL7 Board of Directors; Co-Chair, HL7 Clinical Statement Work Group; Co-Chair, HL7 Orders and Observations Work Group; Senior Strategist, Standards & Regulations, Cerner Corporation

M4 – Introduction to Version 2, Part 2: Orders and Observations

Monday, May 9 / 1:45 pm – 5:00 pm

This tutorial provides students with an overview of the Version 2 Orders and Observations messages. It describes the major concepts and provides a sampling of the type of information that can be communicated using these messages.

This Tutorial Will Benefit:

- Those new to HL7 Version 2.7 Orders and Observations with a need to become more familiar with these message types and segments specific to them.



Tutorials at HL7 working group meetings are an additional fee to the daily meeting registration fees.

Please note that tutorials listed as free still require payment of the daily meeting fee. *To register for tutorials, please select each tutorial you would like to take on page 26 of the registration form.*

Upon Completion of This Tutorial, Students Will Know:

- Know most commonly used order and observation message structures
- Analyze sample messages
- Interpret the Version 2 orders and observation standards

Faculty:

Ted Klein, MS, FHL7: Co-Chair, HL7 Vocabulary Work Group; Klein Consulting Informatics LLC

T7 – Version 2.7 Control Specialist Certification Exam Preparation

Tuesday, May 10 / 9:30 – 12:30 pm

This tutorial reviews the message definition and processing rules and data type definitions fundamental to all HL7 Version 2 messages. The material covered in this class is drawn from the Control chapter of the HL7 Version 2.7 standard. Upon completion of this tutorial students will have a deeper understanding of the structure and mechanics behind HL7 Version 2 messages, which is critical knowledge for successful Version 2 implementations. It is designed to assist a potential candidate in preparing for the HL7 Version 2.7 Control Specialist Certification Exam, a rigorous exam certifying a candidate's knowledge of HL7 Version 2 Control.

Note: Taking this tutorial alone will not provide students with sufficient knowledge to pass the exam. Students are expected to prepare for the exam by previous study of Chapter 2 (Control), Chapter 2A (Data Types), and Chapter 2B (Conformance) of the HL7 Version 2.7 standard.

**HL7 MEETINGS ARE GREEN: Bring your laptop to your tutorials!**

To reduce HL7's carbon footprint, its meetings are largely paperless. HL7 no longer provides printed tutorial materials on-site. All materials will be distributed electronically to tutorial participants to either print out themselves or load to their laptops. It is important that you bring your laptop to this meeting for all tutorials. Free WiFi internet access will also be provided. Please note that the materials may be in a zip format. In the event that a tablet is the only accessible device, students should download the appropriate app prior to the course to ensure their tablet can open zip files.

This Tutorial Will Benefit:

- HL7 Version 2 Certification exam candidates
- Interface implementers, designers, and managers

Upon Completion of This Tutorial, Students Will:

- Have a better understanding of the HL7 Version 2.x Control Chapter
- Be able to explain the fundamental HL7 Version 2 protocols used to send and receive messages
- Know which topics require additional study
- Be better prepared for the Version 2 Control Specialist Certification Exam

Prerequisites:

- Introduction to Version 2, Part 1 recommended but not required

Faculty:

Virginia Lorenzi, FHL7: Co-Chair, HL7 Education Work Group; Manager-HIT Standards and Collaborations; New York-Presbyterian Hospital

TH20 – HL7 Version 2.7 Control Specialist Certification Exam (Laptop Required)

Thursday, May 12 / 2:00 pm – 4:00 pm

The testing room opens at 1:30 pm. Please arrive no later than 2:00 pm to begin testing.

Health Level Seven International is pleased to offer certification testing on HL7 Version 2.7, Chapter 2: Control. Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Messaging Standard. Interface analysts, healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates. The knowledge required to pass the exam can be obtained by participation in the HL7 working group meetings, by attending HL7 education sessions, by field work dealing with HL7 interfaces, or simply by self-study of Chapter 2 and 2A of the HL7 Version 2.7 standard (the standard may be obtained on the HL7 website at www.HL7.org).

Note: Simply taking the courses offered at this meeting will most likely not be sufficient to pass the exam. We strongly recommend a combination of the aforementioned to fully prepare yourself for the exam. You will need your laptop for the exam. You will have immediate results once you complete your exam, and a certificate will be emailed to you instantly. Internet Explorer is the recommended browser to take the exam.

TRACK 2—VERSION 3 AND CDA® CORE

M2 – XDS and CDA

Monday, May 9 / 9:00 am – 12:30 pm



The IHE Cross Enterprise Document Sharing Profile and related specifications are often used to exchange Clinical Document Architecture (CDA®) documents between healthcare providers via regional and national EHR programs and Health information exchanges. This tutorial provides an overview of this and related profiles and its relationship with HL7 standards including CDA and HL7's Fast Healthcare Interoperability Resources (FHIR®).

This Tutorial Will Benefit:

- Those involved with the design, development, implementation, deployment and support of a standards based health exchange using clinical documents and the CDA standard

Upon Completion of This Tutorial, Students Will Know:

- The key profiles that support information exchange
- The importance of document metadata management
- How to explain the relationships between XDS and HL7 standards such as CDA, HL7 Version 2 and FHIR

Prerequisites:

- A basic understanding of healthcare workflows
- Familiarity with the core aspects of the CDA standard
- Basic familiarity with the process and with FHIR (introductory videos will be made available online prior to the tutorial)

Faculty:

Keith Boone: Director, HL7 Board of Directors; Interoperability Guru, GE Healthcare

M5 – Consolidated CDA

Monday, May 9 / 1:45 pm – 5:00 pm



The HL7 Consolidated CDA (C-CDA®) specification is the standard for exchange of healthcare information for Meaningful Use in the US. The most recent release, C-CDA 2.1 is designed to optimize compatibility between previously named standards under that program. This tutorial presents the background of CCDA and provides practical advice for moving from C-CDA 1.1 to 2.1 for 2015 ONC Certification.

This Tutorial Will Benefit:

- New implementers, standards developers, and policy makers

Upon Completion of This Tutorial, Students Will Be Able To:

- Navigate the Consolidated CDA standard
- Understand the differences between C-CDA 2.1 and 1.1
- Explain templated CDA and how it streamlines development
- Use online validators to build conformant documents

Prerequisite:

- Introduction to CDA

Faculty:

Keith Boone: Director, HL7 Board of Directors;
Interoperability Guru, GE Healthcare

W12 – Introduction to Clinical Document Architecture

Wednesday, May 11 / 9:00 am – 12:30 pm

The Clinical Document Architecture (CDA®) is HL7's specification for standards-based exchange of clinical documents. CDA is based on the concept of scalable, incremental interoperability and uses Extensible Markup Language (XML), the HL7 Reference Information Model (RIM), and controlled terminology for structure and semantics. This tutorial presents the business case for CDA, its primary design principles, and an overview of the technical specification.

This Tutorial Will Benefit:

- New implementers, standards developers and policy makers

Upon Completion of This Tutorial, Students Will Have:

- Knowledge of the history, and core principles of CDA design
- The ability to explain the core structures of CDA and where they are appropriately used
- Basic skills necessary to understand the CDA standard and existing CDA implementation guides

Prerequisites:

- Introduction to Version 3 (Part 1) recommended

Faculty:

Rick Geimer: Chief Technology Officer, Lantana Consulting Group; Member, HL7 Structured Documents Work Group

W15 – Clinical Document Architecture – Advanced

Wednesday, May 11 / 1:45 pm – 5:00 pm

CDA implementation requires understanding of the CDA refinement of the RIM (the CDA RMIM), the Version 3 data types and how these combine with controlled vocabularies to form “clinical statements.” This tutorial reviews the principles of semantic interoperability with CDA and how these are reflected in the CDA model and implemented in the CDA schema. It reviews the CDA RMIM, schema and data types. In addition, the tutorial gives a detailed walkthrough of samples of CDA documents, coded using clinical statements.

This Tutorial Will Benefit:

- Those needing to learn more about CDA, Release 2—its derivation from the RIM and issues relevant to implementing CDA 2.0 solutions
- Implementers needing to work with CDA, and wanting a review of the details

Upon Completion of This Tutorial, Students Will Have Obtained:

- An overview of CDA's components
- Insight into the XML markup required to implement solutions
- A better understanding of the issues surrounding semantic interoperability using CDA

Prerequisites:

- Completion of the Clinical Document Architecture Introductory Tutorial recommended, but not required
- Basic knowledge of the Version 3 standards (as can be obtained from the Introduction to Version 3 tutorial series)

Faculty:

Calvin Beebe, FHL7: Co-Chair, Structure and Semantic Design Steering Division—HL7 Technical Steering Committee; Co-Chair, HL7 Structured Documents Work Group; Co-Editor, CDA; Technical Specialist, Mayo Clinic - Rochester, MN

TH18 – CDA Specialist Certification Exam Preparation

Thursday, May 12 / 9:00 am – 12:30 pm

Upon Completion of This Tutorial:

- Students will be better prepared to take the CDA Specialist Certification Exam

This Tutorial Will Benefit:

- Anyone preparing for the CDA Specialist Certification Exam
- System analysts or clinical application developers wanting in-depth understanding of the CDA Release 2 standard
- Participants are encouraged to carefully read the CDA Release 2 standard
- Introduction to Version 3 (Part 1) as well as the CDA Introductory and Advanced tutorials are strongly recommended

Faculty:

Calvin Beebe, FHL7: Co-Chair, Structure & Semantic Design Steering Division—HL7 Technical Steering Committee; Co-Chair, HL7 Structured Documents Work Group, Co-Editor, CDA; Technical Specialist, Mayo Clinic - Rochester, MN

TH21 – HL7 CDA Specialist Certification Exam (Laptop Required)

Thursday, May 12 / 2:00 pm – 4:00 pm

The testing room opens at 1:30 pm. Please arrive no later than 2:00 pm to begin testing.

Health Level Seven International is pleased to offer certification testing on HL7 CDA Release 2. Certification testing is offered to those participants who want to demonstrate that they have a working knowledge of the CDA Release 2 standard. Healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam can be obtained by attending HL7 education sessions, by field work dealing with HL7 CDA based applications, or simply by self-study of the HL7 CDA Release 2 standard. Please refer to the Study Guide on the HL7 Training and Certification page of the HL7 website for details on the content covered by the exam.

Note: Simply taking the courses offered at this meeting will most likely not be sufficient to pass the exam. We strongly recommend a combination of the aforementioned to fully prepare yourself for the exam. You will need your

laptop for the exam. You will have immediate results once you complete your exam, and a certificate will be emailed to you instantly. Internet Explorer is the recommended browser to take the exam.

TH22 – HL7 Version 3 RIM Certification Exam (Laptop Required)

Thursday, May 12 / 2:00 pm – 4:00 pm

The testing room opens at 1:30 pm. Please arrive no later than 2:00 pm to begin testing.

Health Level Seven is pleased to offer certification testing on the HL7 Version 3 Reference Information Model (RIM) 2.36. Note that the RIM is the foundational base of all Version 3 artifacts. Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Version 3 RIM or its derived artifacts. Interface analysts, healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam can be obtained by self-study of the RIM and its associated normative structural vocabulary, as well as through participation in the HL7 working group meetings, HL7 education sessions, and field work implementing HL7 Version 3 artifacts. Please refer to the Study Guide on the HL7 Training and Certification page of the HL7 website for details on the content covered by the exam.

Note: Simply taking the courses offered at this meeting will most likely not be sufficient to pass the exam. We strongly recommend a combination of the aforementioned to fully prepare yourself for the exam. You will need your laptop for the exam. You will have immediate results once you complete your exam, and a certificate will be emailed to you instantly. Internet Explorer is the recommended browser to take the exam.

TRACK 3—HL7 SPECIAL TOPICS

M3 – Standards for Interoperability

Monday, May 9 / 9:00 am – 12:30 pm

This tutorial provides a survey of the healthcare interoperability standards landscape, pointing out the main features of the terrain and how they link together to perform useful functions. It consists of three main sections covering:

1. Messaging standards such as HL7 Version 2 and Version 3

2. Clinical document standards such as CDA, Continuity of Care Document (CCD®), Continuity of Care Record (CCR) and IHE XDS
3. Terminology standards, such as SNOMED CT and LOINC

It explains how and why these were developed and their complementary roles, each best suited to particular tasks.

In the time available, the treatment of each standard is necessarily brief, but this tutorial will provide an introduction to other more detailed tutorials.

This Tutorial Will Benefit:

- Relative newcomers to health interoperability, who are still unsure about how everything fits together

Upon Completion of This Tutorial, Students Will Know:

- How the main healthcare interoperability standards relate to each other and which is most suited for particular roles

Faculty:

Diego Kaminker, FHL7: Co-Chair, HL7 Education Work Group; Co-Author and Coordinator, HL7 Fundamentals Course, Argentina; Chief Developer and Manager, Kern-IT SRL

T8 – Introduction to UML: Using UML in Developing HL7 Specifications

Tuesday, May 10 / 9:00 am – 12:30 pm

The Unified Modeling Language (UML) is a standard modeling language with a graphical syntax that is used in various aspects of standards development within HL7. It is also used in projects that implement HL7 specifications. This tutorial provides an overview of the essential UML elements and relationships as they are commonly used within HL7. Attendees will be able to read and understand the UML models being developed and start using the UML as a visual design tool within the HL7 Development Framework (HDF). Examples and exercises are drawn from recent HL7 working group projects.

This Tutorial Will Benefit:

- HL7 members using the UML as part of standards development or in developing solutions based on those standards

Upon Completion of This Tutorial, Students Will:

- Be able to list the UML elements most relevant to HL7 standards development
- Understand how to relate UML structural elements to behavioral elements

Prerequisites:

- A desire to learn more about UML modeling

Faculty:

JD Baker: Sparx Systems Ambassador; Member of the OMG Architecture Board

T10 – Vocabulary in HL7 – Foundations (Vocabulary 2)

Tuesday, May 10 / 1:45 pm – 5:00 pm

This tutorial explains the governance and processes which support vocabulary and its use in HL7 standards. The appropriate use of vocabulary in health software and information exchange is important for safe, effective and unambiguous information exchange. This tutorial identifies how to correctly implement code system content into HL7 messages and content, and how to facilitate the development of code system content in HL7 standards. It covers requirements for HL7 Version 2 and Version 3, CDA and FHIR.

This Tutorial Will Benefit:

- Those involved in the implementation or development of HL7 standards, or health information systems, including:
- Those implementing vocabulary content in IT systems based upon HL7 standards
 - Those participating in the Vocabulary Work Group
 - HL7 Vocabulary facilitators

Upon Completion of This Tutorial, Students Will:

- Understand the HL7 processes for terminology content
- Understand the structures for vocabulary in HL7 Version 2.x
- Understand how coded data is represented in Version 3 messages
- Understand and use value sets and concept domains as they apply in HL7
- Understand the use of OIDs in HL7 vocabulary maintenance
- Be aware of the tools used to maintain and implement code systems

Prerequisites:

- Vocabulary 1 or equivalent
- Basic understanding of Version 2.x message structures

Faculty:

Russ Hamm: Co-Chair, HL7 Vocabulary Work Group; HL7 Liaison to IHTSDO; Interoperability Architect, Lantana Consulting Group

W13 – Authoring Value Set Content

Wednesday, May 11 / 9:00 am – 12:30 pm

If you have been given the task to develop coded content for your system or for a standard, you need to understand the requirements for quality data and representation of meaning in health records or systems. This tutorial does not cover IT technology requirements rather it focuses on quality data specification requirements.

This Tutorial Will Benefit:

- Anyone who needs to specify, collect, implement, design or interpret data in healthcare systems, particularly underpinning the requirements for data specification in HL7 documents

Upon Completion of This Tutorial, Students Will Be Able To:

- Understand the process for including content in the code system for the value set they are developing
- Apply the principles of a good terminology
- Determine what is to be represented (what meaning and use case is intended)
- Specify appropriate use of flavors of null/supplementary classification concepts
- Evaluate different terminological resources to represent content (limited to the knowledge of the group of those resources)
- Explain appropriate governance requirements
- Request additional content from developers of standard terminologies
- Match the semantics of the HL7 element to which the value set will be applied

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group, Convenor ISO WG3-Semantic Content; Member IHTSDO Quality Assurance Committee and Education SIG; Chair, Standards Australia Health Informatics Committee (IT 14), Australia

W16 – HL7 Hot Topics – Healthcare Challenges, Technological Advances, and HL7's Response

Wednesday, May 11 / 1:45 pm – 5:00 pm

Discover how the HL7 community is capitalizing on current and future technology to solve the serious problems of healthcare of today and tomorrow. This tutorial spotlights 10 different trending topics in

technology or healthcare and discusses how HL7 is involved. The May 2016 class will be spotlighting the following topics:

1. Outbreaks
2. Cyber-attacks
3. Treating cancer
4. Personomics
5. The cloud
6. Mobile health
7. Innovation
8. Patient-centered care
9. EHR usability
10. The learning health system

This Tutorial Will Benefit:

- Newcomers to HL7
- Current and new attendees interested in a breadth view of the standards with respect to current events

Upon Completion of This Tutorial, Students Will Be Able To:

- Describe several hot topics in health and technology
- Summarize and evaluate how HL7 is connected to each topic
- Engage in specific HL7 initiatives
- Implement solutions for technologies or problems using HL7
- Explore other ideas of how HL7 can help solve the problems of healthcare

Faculty:

Virginia Lorenzi, FHL7: Co-Chair, HL7 Education Work Group; Manager-HIT Standards and Collaborations; New York-Presbyterian Hospital

W17 – Specification Profiles and Conformance

Wednesday, May 11 / 1:45 pm – 5:00 pm

This course is designed to explore the concept of conformance within HL7 Version 2.7, Version 3, and CDA. Additionally, it will demonstrate how to apply message profiling to interoperability by improving clarity, simplifying implementations and streamlining testing. Participants will be introduced to tools that facilitate analysis and interoperability while, at the same time, fully documenting HL7 conformance.

This Tutorial Will Benefit:

- Anyone interested in HL7 interoperability

Upon Completion of This Tutorial, Students Will Know:

- How to measure conformance
- How vendors can document their applications' implementations
- How providers can improve their RFP results using profiling
- How to use profiles developed for specific domains
- The tools available to facilitate HL7 conformance efforts
- More about HL7 conformance certification
- How to develop HL7 conformance documentation

Prerequisites:

- Working knowledge of HL7 or other EDI standards (ASTM, X12)

Faculty:

AbdulMalik Shakir, FHL7: Co-Chair, HL7 Modeling and Methodology Work Group; President and Chief Informatics Scientist, Hi3 Solutions, LLC

TH19 – Clinical Genomics Apps via FHIR: From Design to Deployment

Thursday, May 12 / 9:00 am – 12:30 pm



FHIR enables a new class of clinical genomic apps for precision medicine. This tutorial will introduce FHIR genomics and take attendees through the creation and deployment of a clinical genomic app.

This Tutorial Will Benefit:

- IT professionals, developers, EMR vendors and clinicians

Upon Completion of This Tutorial, Students Will Be Able To:

- List use case for clinical genomic apps
- Understand how FHIR genomics enables clinical genomics
- Use FHIR to create a simple clinical genomic app
- Deploy a simple FHIR clinical genomic app

Prerequisites:

- None. Relevant FHIR terminology will be introduced

Faculty:

Gil Alterovitz, PhD: Co-Chair, HL7 Clinical Genomics Work Group; Assistant Professor, Harvard Medical School; Core Faculty Computational Health Informatics Program, Boston Children's Hospital

FHIR Connectathon

Saturday, May 7 / 9:00 am – 5:00 pm

Sunday, May 8 / 9:00 am – 12:30 pm



A Fast Healthcare Interoperability Resources (FHIR®) Connectathon is an opportunity for implementers to participate in developing FHIR solutions and exchange data with other FHIR interfaces. The connectathon is not a formal tutorial. There will be no lectures or presentations. Instead, you'll participate in 1.5 days of hands-on, heads down development and testing, working directly with other FHIR developers as well as senior members of the FHIR standards development team. The connectathon is a chance to get your hands dirty and learn by doing as well as to help evolve the FHIR specification.

Participation in the connectathon will be as part of one of several tracks. Participants will be asked to confirm which track they wish to follow a few days in advance of the connectathon (based on their level of readiness as well as area of interest). Details on the scenarios for both tracks as well as information on pre-connectathon discussion forums can be found on the connectathon website here: http://wiki.hl7.org/index.php?title=FHIR_Connectathon_12.

By registering for the connectathon, participants authorize HL7 International to share contact information (name, email and organization name) with the FHIR Management Group for the purposes of coordinating connectathon activity. Registrants will be contacted prior to the event regarding intended scenarios, platforms and other information.

There is a cost difference for participants versus observers. The reason for this is two-fold. First, attendees are likely to receive more benefit by actually participating in FHIR development than by merely watching. Second, HL7 offers a discount to participants due to the beneficial impact of their work on the development of the FHIR specification.

NOTE: If registering as a participant, you will be expected to write at least some software intended to demonstrate FHIR connectivity.

F1 – FHIR Update and Coordination Session: HL7 Co-Chairs & Facilitators ONLY – FREE TUTORIAL



Sunday, May 8 / 3:30 pm – 5:00 pm

This session is for co-chairs, facilitators and other key individuals driving the development of FHIR artifacts within HL7 work groups. The session will include updates on the current set of tooling, any changes to methodology or QA processes, timelines, etc. It will also provide a forum for discussion of cross-WG issues and general FHIR-related questions arising from work group development.

Faculty:

Grahame Grieve, FHL7: FHIR Product Director, HL7 International; Co-Chair, HL7 FHIR Infrastructure Work Group; Member, HL7 FHIR Governance Board; Co-Chair, HL7 Modeling and Methodology Work Group; Modeling and Methodology Facilitator, HL7 Infrastructure and Messaging Work Group; Consultant, NEHTA; National Development Manager, Health Intersections Pty Ltd

M6 – Introduction to HL7 FHIR®



Monday, May 9 / 1:45 pm – 5:00 pm

FHIR is the newest healthcare interoperability standard offered by HL7, providing domain friendly wire formats compatible across the document, messaging, services and RESTful paradigms. This tutorial is aimed at those who want to learn more about FHIR, what it can do and how their organization might best take advantage of it.

This Tutorial Will Benefit:

- Analysts, vendors, and project managers

Upon Completion of This Tutorial, Students Will Be Able To:

- Explain the main principles underlying the FHIR methodology
- Describe the characteristics of a FHIR resource and understand the contents of a resource definition
- Understand the relationship between FHIR and other HL7 standards such as Version 2, Version 3 messaging and CDA
- List some of the key FHIR infrastructure resources and explain how they are used to support the four FHIR interoperability paradigms
- Help their organization to determine if, when, where and how they might implement FHIR

Faculty:

Eric Haas, MS, DVM: President of Health eData Inc; Haas Consulting

T9 – FHIR for Architects



Tuesday, May 10 / 9:00 am – 12:30 pm

FHIR is attracting a great deal of attention as the next “great thing” in healthcare interoperability. This course will help participants understand where and how FHIR might fit into their healthcare interoperability environment and give them the tools to make judgments about when or if FHIR might be an appropriate solution for their healthcare IT needs.

This Tutorial Will Benefit:

- Architects, technical managers and other healthcare IT decision-makers involved in solution design

Upon Completion of this Tutorial, Students Will be Able To:

- Explain how FHIR may be used in different interoperability paradigms
- Describe how FHIR can fit in different locations in the architectural stack
- Identify architectural considerations that apply to FHIR and determine how best to address those in their own FHIR solutions
- Explain where and how profiles fit into an architectural solution
- Give guidance on if, when and how FHIR might be used within their own organization

Prerequisites:

- Introduction to FHIR or basic familiarity with the FHIR standard and concepts
- Some knowledge of healthcare IT architecture could also be useful

Faculty:

Lloyd McKenzie, PEng: Co-Chair, HL7 FHIR Infrastructure Work Group; Co-Chair, HL7 Modeling and Methodology Work Group; Modeling and Methodology Facilitator-at-Large; Principal Consultant, LM&A Consulting Ltd.; Senior Consultant, Information Technology Services, Gevity Consulting Inc.

T11 – FHIR for Specifiers



Tuesday, May 10 / 1:45 pm – 5:00 pm

FHIR provides a set of building blocks from which interoperability solutions can be created. Profiles combine those blocks into solutions, serving a similar purpose to implementation guides, templates, archetypes and detailed clinical models associated with other HL7 standards.

This tutorial will show students how to use profiles to shape the FHIR core specification for use in a specific national, regional or organizational context.

This Tutorial Will Benefit:

- Data modelers, standards developers and HL7 Version 3 Template authors who want to start using FHIR

Upon Completion of This Tutorial, Students Will:

- Understand what the FHIR Conformance Layer is, and how it is used to profile FHIR for a specific context or use case
- Know the principal profiling components of the FHIR Conformance Layer
- Understand the available FHIR conformance resources (structure definition, operation definition, search parameter, value set, concept map)
- Understand how domain information requirements translate to conformance resources
- Know the role conformance resources are used to compose an implementation guide
- Write a FHIR value set and structure definition for a single resource
- Know where and how to register and find existing conformance resources

Prerequisites:

- Introduction to HL7 FHIR

Faculty:

Michel Rutten: Technical Specialist, Furore; Lead Developer of Forge FHIR Profile Editor

W14 – Introduction to FHIR Development

Wednesday, May 11 / 9:00 am – 12:30 pm

This tutorial is a deep-dive into the infrastructure parts of the FHIR specification. It will provide insight in how to design, develop and test software that uses the FHIR interoperability standard, all the way from the wire-format up to validation and storage.

This Tutorial Will Benefit:

- Software developers, team leads and infrastructure architects

Upon Completion of This Tutorial, Students Will:

- Understand how resources align with object-oriented and other common software-engineering principles
- Be able to list the four of interoperability paradigms supported by FHIR
- Understand the FHIR REST service operations and how to implement them
- Understand how the Atom, XML and JSON wire formats are used in FHIR
- Understand versioning and bundles

- Compare strategies for using object models, validation and (de)serialization
- Use relational or document-oriented storage for persistence of resources
- Understand how to implement search functionality
- Know and use the provided reference implementations

Prerequisites:

- An Introduction to HL7 FHIR

Faculty:

David Hay, MD: Chair, FHIR Management Group; Chair, HL7 New Zealand; Product Strategist, Orion Healthcare

TRACK 5—INFORMATION FORUMS

F2/F5 – First-Time Attendees' Orientation – FREE TUTORIAL

Sunday, May 8 / 3:00 pm – 4:00 pm

Monday, May 9 / 7:00 am – 8:00 am

This is a special orientation session for first-time attendees. It will give those new to HL7 the lay of the land and help ensure they get the very most out of their first working group meeting experience. The session will consist of a quick meeting “tour” and a question and answer session that will help attendees make informed choices and maximize their time at the meeting. The session will be offered twice during the meeting—once on Sunday evening and again on Monday morning.

Faculty:

Melva Peters: Chair, HL7 Canada; Co-Chair, HL7 Education Work Group; Co-Chair, HL7 International Council; Co-Chair, HL7 Pharmacy Work Group; Co-Chair, Domain Experts Steering Division—HL7 Technical Steering Committee; Gevity Consulting

F3 – Tutorial Development Workshop – FREE TUTORIAL

Sunday, May 8 / 5:00 pm – 6:00 pm

This is a free session for those who develop or deliver HL7 tutorials and are looking for guidance on how to make improvements or get assistance with the development of training specifications or plans and materials. Please plan to bring your ideas, issues and documents with you to this session.

This Tutorial Will Benefit:

- Tutorial presenters and developers

Upon Completion of this Tutorial, Students Will Be Able To:

- Submit quality tutorial proposals and plans
- Improve presentations in HL7 tutorial
- Improve learning outcomes of HL7 tutorials

Prerequisites:

- How to Design and Deliver an HL7 Tutorial

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group, Convenor ISO WG3-Semantic Content; Member IHTSDO Quality Assurance Committee and Education SIG; Chair-Standards Australia Health Informatics Committee (IT 14), Australia

F4 – Understanding the HL7 International Organization – From Process to Governance – FREE TUTORIAL

Sunday, May 8 / 4:00 pm – 5:00 pm

This session will provide an overview of HL7 International from the governance structure to the work groups.

This Tutorial will Benefit:

- First-time attendees and anyone interested in learning more about the processes and organization of HL7 International

Upon Completion of this Tutorial, Students Will Know:

- How HL7 International is structured
- The types of products that HL7 International produces
- The subject domains that HL7 standards cover
- The working group meeting format
- How HL7 International ballots

Faculty:

Melva Peters: Chair, HL7 Canada; Co-Chair, HL7 Education Work Group; Co-Chair, HL7 International Council; Co-Chair, HL7 Pharmacy Work Group; Co-Chair, Domain Experts Steering Division—HL7 Technical Steering Committee; Gevity Consulting

F6 – Glossary Management-Defining and Managing the Terms Used by Healthcare SDOs – FREE TUTORIAL

Tuesday, May 10 / 7:00 am – 8:00 am

This is an overview of the international health standards knowledge management tool (SKMT) to introduce attendees to the resource (find standards, find terms and definitions) and how it can make standards development, use and health informatics documentation in general easier and more consistent.

This tutorial also demonstrates how to retrieve, enter and update information in the SKMT, and introduces the process for harmonization across SDOs internationally and how HL7 engages with this process.

This Tutorial Will Benefit:

- Standards developers
- Those who use and work with the terms, concepts used by healthcare standards
- Those who wish to know about projects and publications of other SDOs to improve harmonization and reduce duplication of effort

Upon Completion of This Tutorial, Students Will Be Able To:

- Explain the purpose and utility of the SKMT
- Know how to find and register for access to the SKMT
- Explain the process for maintenance of the content for HL7 in the tool including SDO harmonization trials
- Apply the guidelines for development of quality definitions

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group; SKMT Governance Committee, ISO Representative and Administrator of SKMT

F7 – How to Design and Deliver an HL7 Tutorial – FREE TUTORIAL

Wednesday, May 11 / 7:00 am – 8:00 am

This is an information session which introduces design and delivery of HL7 tutorials and provides tools and resources to assist in these tasks. The course will assist in production of focused, outcome driven educational activities.

This Tutorial Will Benefit:

- Anyone who delivers or intends to deliver or develop tutorial information for HL7

Upon Completion of This Tutorial, Students Will Understand:

- The need to identify appropriate content and methodology to meet stakeholder need
- How to develop of competencies to meet need
- How to identify expected background of learners
- What a learning plan needs to contain, breaking content into defined timeslots and identified resources/exercises
- Delivery methods and assessment methods and tools
- The need to measure assessment and content against competencies
- How to prepare proposal for HL7 education
- How to undertake basic tutorial quality review

Faculty:

Heather Grain, AssocDip MRA, GDip IS, MHI, MACS, FACHI, Cert IV Training and Education: Co-Chair, HL7 Vocabulary Work Group, Convenor ISO WG3-Semantic Content; Member IHTSDO Quality Assurance Committee and Education SIG; Chair-Standards Australia Health Informatics Committee (IT 14), Australia

F8 – GS1 Standards for Supply Chain Meets HL7 – FREE TUTORIAL

Wednesday, May 11 / 7:00 am – 8:00 am

This session will provide insight on what GS1 provides in the open supply chain to secure item traceability, and how traceability should be extended in provider's internal supply chain. The tutorial will be based on a document which provides extensive information about traceability, by including "order to cash", master database (shared catalogues), stock management, including for consignment products, etc.

The session will strongly focus on EPC IS (electronic product code information service), which is one of the GS1 standards, and how it enables event tracking. It will also include a brief introduction to the UNSPSC (United Nations Standard Products and Services Code), a classification system increasingly used in the healthcare industry.

Documentation

- The reference documentation should be downloaded prior the tutorial from: www.gs1.ch/docs/default-source/gs1-system-document/healthcare/scm_in_ch_gesundheitswesen_1-3_en.pdf?sfvrsn=4
- It is also useful to have consulted the following documentation:
 - Information about EPC IS: www.gs1.org/epcis
 - Information about UNSPSC: www.unspsc.org

This Tutorial Will Benefit:

- HL7 experts who are interested in learning about GS1 and its use in the healthcare industry. Key words: UDI, falsified medicines, event management; subject of care identification, location identification, item identification.
- HL7 experts from most of the work groups where physical identification plays a role – such as Patient Administration, Patient Care, Health Care Devices, Pharmacy and many others

Faculty:

Christian Hay: GS1 Switzerland; Delegate Healthcare

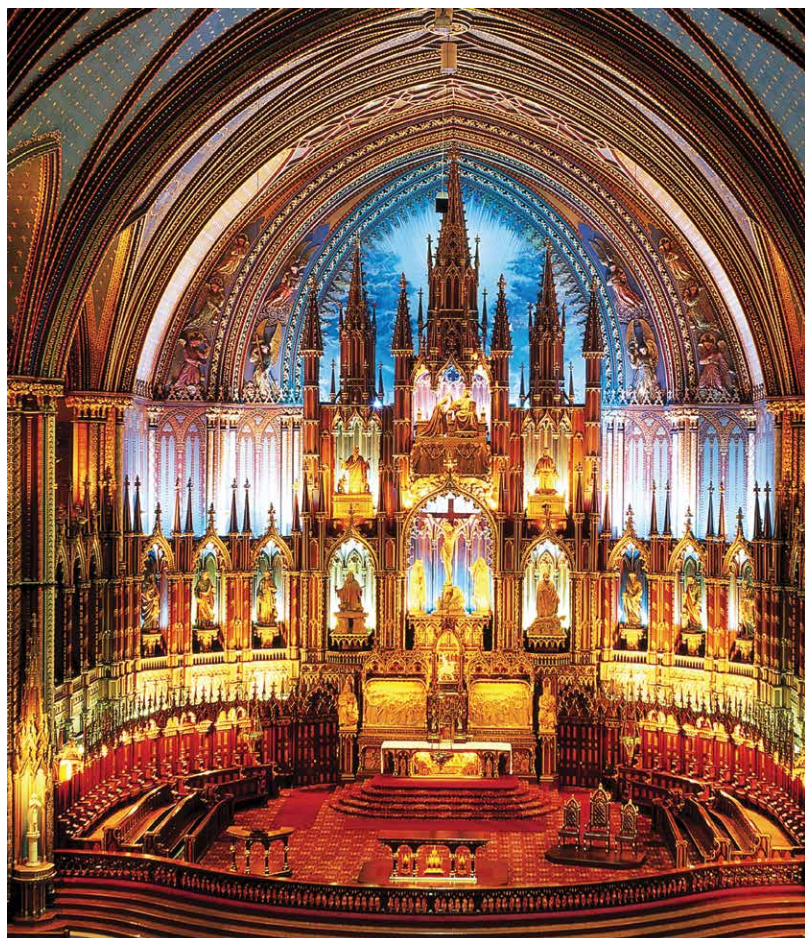
F9 – Newly Elected Co-Chair Training – FREE TUTORIAL

Thursday, May 12 / 7:00 am – 8:00 am

This session is intended for newly elected work group co-chairs. The purpose of the session is to introduce the co-chair responsibilities, review work group and balloting procedures, share tips on managing a work group, provide a framework for common operation among all work groups, and general Q&A session.

Faculty:

Karen Van Hentenryck: HL7 Associate Executive Director



Tutorials at a Glance

Topic	Class ID	Instructor	SUN PM	MON AM	MON PM	TUE AM	TUE PM	WED AM	WED PM	THU AM	THU PM
Track 1—Version 2.x											
Introduction to Version 2, Part 1: Control and ADT	M1	Buitendijk		★							
Introduction to Version 2, Part 2: Orders and Observations	M4	Klein			★						
Version 2.7 Control Specialist Certification Exam Preparation	T7	Lorenzi				★					
HL7 Version 2.7 Control Specialist Certification Exam	TH20	Staff									2:00 - 4:00
Track 2—Version 3 and CDA											
★ XDS and CDA	M2	Boone		★							
★ Consolidated CDA	M5	Boone			★						
Introduction to Clinical Document Architecture	W12	Geimer						★			
Clinical Document Architecture - Advanced	W15	Beebe							★		
CDA Specialist Certification Exam Preparation	TH18	Beebe								★	
HL7 CDA Specialist Certification Exam	TH21	Staff									2:00-4:00
HL7 Version 3 RIM Certification Exam	TH22	Staff									2:00-4:00
Track 3—Special Topics											
Standards for Interoperability	M3	Kaminker		★							
Introduction to UML: Using UML in Developing HL7 Specifications	T8	Baker				★					
Vocabulary in HL7 – Foundations (Vocabulary 2)	T10	Hamm					★				
Authoring Value Set Content	W13	Grain						★			
HL7 Hot Topics - Healthcare Challenges, Technological Advances, and HL7's Response	W16	Lorenzi							★		
Specification Profiles and Conformance	W17	Shakir							★		
★ Clinical Genomic Apps via FHIR: From Design to Deployment	TH19	Alterovitz								★	
Track 4—FHIR®											
★ FHIR Connectathon	Sat-Sun	McKenzie/ Kramer/Grieve	Sat-Sun								
★ FHIR Update and Coordination Session - HL7 Co-Chairs & Facilitators ONLY – FREE TUTORIAL	F1	Grieve	Q4								
★ Introduction to HL7 FHIR	M6	Haas			★						
★ FHIR for Architects	T9	McKenzie				★					
★ FHIR for Specifiers	T11	Rutten					★				
★ Introduction to FHIR Development	W14	Hay						★			
Track 5—Information Forums—FREE TUTORIALS											
First-Time Attendees' Orientation	F2/F5	Peters	3:00-4:00	7:00-8:00							
Tutorial Development Workshop	F3	Grain	5:00-6:00								
Understanding the HL7 International Organization – From Process to Governance	F4	Peters	4:00-5:00								
Glossary Management-Defining and Managing the Terms Used by Healthcare SDOs	F6	Grain				7:00-8:00					
How to Design and Deliver an HL7 Tutorial	F7	Grain						7:00-8:00			
GS1 Standards for Supply Chain Meets HL7	F8	Hay						7:00-8:00			
Newly Elected Co-Chair Training	F9	Van Hentenryck								7:00-8:00	

	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Affiliate Due Diligence Committee					Q1							
Anatomic Pathology					★	★						
Anesthesia	Will not meet in May											
Application Implementation and Design		★		Q3				Q4				
Architectural Review Board			Q2							Q3		
Arden Syntax					★	★						
Attachments			★	★	★	★	★	★	★	★		
Birds of a Feather – Adding Patients and Caregivers to the Flock						5:15-6:15						
Birds of a Feather – Enterprise Architect						5:15-6:15						
Board of Directors' Meeting						Lunch & *						
Clinical Decision Support							Q2	★	Q1	★		
Clinical Genomics				Q4	★	★	★	★	Q1			
★ Clinical Information Modeling Initiative	★	Lunch & ★	★	Lunch & ★	★	Q3	★	Q3				
Clinical Interoperability Council				★	Q1	★	★	★	★	★		
Clinical Quality Information				★	★	Q4	★		★			
Clinical Statement										Q3		
★ Clinicians on FHIR								Lunch			★	Q3
Co-Chair Information				Lunch & 5:15-7:00					7:00-8:00			
Community Based Collaborative Care				★	Q2	★	Q2					
Conformance & Guidance for Implementation/Testing			★	★	★	Q4		Q3				
Education				Lunch & ★					★			
Electronic Health Records			★	★	★	★	★	★	★			
Electronic Services and Tools			Q1		Q2				★			
Emergency Care			Q1	★			Q2					
Facilitators' Roundtable Dinner/Meeting										5:30-8:00		
★ FHIR Connectathon (Note: There is also a meeting scheduled for Saturday, 5/7, 9:00-5:00 pm)	★											
FHIR Governance Board					7:00-8:00							
★ FHIR Infrastructure			★	★						5:30-8:00		
★ FHIR Management Group		Lunch		Lunch						Q4		
Financial Management			★				★	★				
First-Time Attendees' Orientation		3:00-4:00	7:00-8:00	Lunch								
Fresh Look Task Force				Q4								
General Session			8:00-8:45		8:00-8:45		8:00-8:45		8:00-8:45		No General Session	
Governance and Operations Committee							Q2					
HL7 Terminology Authority											★	
Health Care Devices			★	★	★	★	★	★	★	★		

Q1 = 9:00 – 10:30 am; Q2 = 11:00 – 12:30 pm; Q3 = 1:45 – 3:00 pm; Q4 = 3:30 – 5:00 pm DISCLAIMER: Meeting times are subject to change.

	Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
★ Healthcare Standards Integration						Q4				Q4		
Imaging Integration					Q2	Q3	Q1	★	★	★		
Implementable Technology Specifications					★	Q3						
Infrastructure & Messaging					Q1	★						
International Council	★	Lunch & Q3								Lunch & ★		
★ Learning Health Systems			★				Q2	Q3				
Mobile Health							★	Q3				
Modeling & Methodology			Q2			Q3	★		Q2	5:30-8:00		
Networking Reception								5:15-7:15				
Nominations Committee							Q1					
Nurses Breakfast/Meeting					7:00-8:00							
Orders & Observations			★		★	★	★	Q4	★	Q4	★	
Patient Administration			★	★	★	★	★	★	★	★		
Patient Care			Q1		Q2	★	Q1	★	★	Lunch & ★		
Pharmacy			★	★	★	Q3	★	★	★	★		
Physicians Breakfast/Meeting							7:00-8:00					
Policy Advisory Committee							Q1					
Process Improvement Committee				Q4				Q4				
Product Line Architecture Program								Q4				
Project Services										Q3		
Public Health & Emergency Response			Q2	★	★	★	★	★	Q2	★		
Publishing							V2 ★	V2 & V3 Q3				
Regulated Clinical Research Information Management				★		★						
Security					★	★		★	★			
Services Oriented Architecture					★	★	★	★				
Standards Governance Board		Q4									★	
Steering Divisions: Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services				7:00-8:30								
Structured Documents			★	★		★	★	★	Q1	★	Q2	
Technical Steering Committee Meetings (Note: There is also a meeting scheduled for Saturday, 5/7, 9:00-5:00 pm)		5:15-6:15						Lunch				
Templates			Q1								★	
Understanding the HL7 International Organization – From Process to Governance		4:00-5:00										
★ US Realm Steering Committee										Lunch		
Vocabulary		★	★	★	★				7:00-8:00 & ★	★ & 5:30-8:00		

Q1 = 9:00 – 10:30 am; Q2 = 11:00 – 12:30 pm; Q3 = 1:45 – 3:00 pm; Q4 = 3:30 – 5:00 pm DISCLAIMER: Meeting times are subject to change.

REGISTRATION HOURS

Sunday	8:30 – 5:00 pm	Registration
Monday – Tuesday	7:00 – 5:00 pm	Registration
Wednesday – Thursday	7:30 – 5:00 pm	Registration
Friday	8:00 – 1:00 pm	Staff on Hand for Assistance

MEALS AND BREAKS

Monday – Thursday	7:30 – 8:30 am	Continental Breakfast
Friday	8:00 – 9:00 am	Continental Breakfast
Monday – Friday	10:30 – 11:00 am	Morning Break
Monday – Friday	12:30 – 1:30 pm	Lunch
Monday – Thursday	3:00 – 3:30 pm	Afternoon Break

Meeting times and locations are subject to change.

GENERAL SESSION ROOM

Please plan to attend the General Sessions Monday through Thursday for daily highlights, meeting announcements and changes.

Monday	8:00 – 8:45 am	HL7 CEO and International Council Reports, Announcements
Tuesday	8:00 – 8:45 am	HL7 CTO and TSC Reports, Announcements
Wednesday	8:00 – 8:45 am	HL7 Board Report, Awards Presentations, Announcements
Thursday	8:00 – 8:45 am	Announcements
Friday	NO GENERAL SESSION	

NOTE: In compliance with our status as an ANSI-accredited standards development organization, anyone may register to attend HL7 meetings.

Meetings

AFFILIATE DUE DILIGENCE COMMITTEE (ADDC)

Tuesday	9:00 – 10:30 am	MEETING
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ANATOMIC PATHOLOGY (AP)

Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	11:00 – 12:30 pm	Joint w/O&O, BRIDG, II

ANESTHESIA (GAS)

Will not meet in May

APPLICATION IMPLEMENTATION AND DESIGN (AID)

Sunday	1:45 – 5:00 pm	Hosting: FHIR-I
Monday	1:45 – 3:00 pm	MEETING
Wednesday	3:30 – 5:00 pm	MEETING

ARCHITECTURAL REVIEW BOARD (ARB)

Monday	11:00 – 12:30 pm	MEETING
Thursday	1:45 – 3:00 pm	MEETING

ARDEN SYNTAX (AS)

Tuesday	9:00 – 5:00 pm	MEETING
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ATTACHMENTS

Monday – Thursday	9:00 – 5:00 pm	MEETING
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★ BIOMEDICAL RESEARCH INTEGRATED DOMAIN GROUP (BRIDG)

Monday	11:00 – 12:30 pm	Joint w/EHR, CH, Clin Gen, CIC, CQI, EC, PC
Tuesday	9:00 – 10:30 am	Joint w/CIC, RCRIM
	3:30 – 5:00 pm	Joint w/RCRIM
Wednesday	11:00 – 12:30 pm	Joint w/O&O, AP, II

BIRDS OF A FEATHER – ADDING PATIENTS AND CAREGIVERS TO THE FLOCK

Tuesday	5:15 – 6:15 pm	Session
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BIRDS OF A FEATHER – ENTERPRISE ARCHITECT

Tuesday	5:15 – 6:15 pm	Session
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BOARD OF DIRECTORS' MEETING

Tuesday	12:30 – 1:30 pm	Luncheon
	1:45 – 5:00 pm	MEETING

CHILD HEALTH (CH)

Monday	11:00 – 12:30 pm	Joint w/EHR, BRIDG, Clin Gen, CIC, CQI, EC, PC
Wednesday	9:00 – 10:30 am	Joint w/PC, EC, LHS

CLINICAL DECISION SUPPORT (CDS)

Monday	1:45 – 5:00 pm	Joint w/FHIR-I, FM, II, InM, MnM, O&O, PC
Tuesday	1:45 – 3:00 pm	Joint w/PC, CQI
Wednesday	9:00 – 10:30 am	Joint w/CQI
	11:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: CIMI, CQI
Thursday	9:00 – 10:30 am	MEETING

11:00 – 12:30 pm	Joint w/CQI, FHIR-I
1:45 – 3:00 pm	Hosting: CQI, FHIR-I
3:30 – 5:00 pm	MEETING

CLINICAL GENOMICS (Clin Gen)

Monday	11:00 – 12:30 pm	Joint w/EHR, BRIDG, CH, CIC, CQI, EC, PC
	3:30 – 5:00 pm	MEETING
Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: FHIR-I
Thursday	9:00 – 10:30 am	MEETING

★ CLINICAL INFORMATION MODELING INITIATIVE (CIMI)

Sunday	9:00 – 12:30 pm	MEETING
	12:30 – 1:30 pm	Luncheon/Meeting
	1:45 – 5:00 pm	MEETING
Monday	9:00 – 12:30 pm	MEETING
	12:30 – 1:30 pm	Luncheon/Meeting
	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: PC
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: Voc
	3:30 – 5:00 pm	Joint w/PC, EC, FHIR-I, Voc
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR-I
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Joint w/CDS, CQI
Thursday	1:45 – 3:00 pm	Joint w/CIC

CLINICAL INTEROPERABILITY COUNCIL (CIC)

Monday	11:00 – 12:30 pm	Joint w/EHR, BRIDG, CH, Clin Gen, CQI, EC, PC
	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: BRIDG, RCRIM
	11:00 – 12:30 pm	Joint w/EHR
	1:45 – 5:00 pm	MEETING
Wednesday	9:00 – 5:00 pm	MEETING
Thursday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: CIMI
	3:30 – 5:00 pm	Hosting: CQI

CLINICAL QUALITY INFORMATION (CQI)

Monday	11:00 – 12:30 pm	Joint w/EHR, BRIDG, CH, CIC, Clin Gen, EC, PC
	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: SD
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/PC, CDS
	3:30 – 5:00 pm	MEETING

Meetings

Wednesday	9:00 – 10:30 am	Hosting: CDS
	11:00 – 12:30 pm	MEETING
	3:30 – 5:00 pm	Joint w/CDS, CIMI
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: CDS, FHIR-I
	1:45 – 3:00 pm	Joint w/CDS, FHIR-I
	3:30 – 5:00 pm	Joint w/CIC

CLINICAL STATEMENT (CS)

Thursday	1:45 – 3:00 pm	Hosting: O&O
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★ CLINICIANS ON FHIR

Wednesday	12:30 – 1:30 pm	Luncheon/Meeting
Friday	9:00 – 3:00 pm	MEETING

CO-CHAIR INFORMATION

Monday	12:30 – 1:30 pm	Lunch tables reserved for Co-Chairs
	5:15 – 7:00 pm	Co-Chairs Dinner/Meeting

(Open Meeting, however open for dinner ONLY to Co-Chairs.

Co-Chairs MUST register if you wish to attend the dinner/meeting)

Thursday	7:00 – 8:00 am	Newly Elected Co-Chair Training
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COMMUNITY BASED COLLABORATIVE CARE (CBCC)

Monday	1:45 – 5:00 pm	Hosting: Sec
Tuesday	11:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/EHR, FHIR-I, Sec
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/EHR

CONFORMANCE & GUIDANCE FOR IMPLEMENTATION/TESTING (CGIT)

Monday	9:00 – 5:00 pm	MEETING
Tuesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/InM
	3:30 – 5:00 pm	MEETING
Wednesday	1:45 – 3:00 pm	Hosting: FHIR-I, Templates
Thursday	9:00 – 10:30 am	Joint w/Voc, InM
	11:00 – 3:00 pm	Joint w/Voc

EDUCATION

Monday	12:30 – 1:30 pm	Education Facilitators' Roundtable
		Luncheon/Meeting
	1:45 – 5:00 pm	MEETING
Thursday	9:00 – 12:30 pm	MEETING

ELECTRONIC HEALTH RECORDS (EHR)

Monday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: BRIDG, CH, Clin Gen, CIC, CQI, EC, PC
	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: MH
	11:00 – 12:30 pm	Hosting: CIC
	1:45 – 3:00 pm	Hosting: FHIR-I
	3:30 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Hosting: CBCC, FHIR-I, Sec
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: CBCC
	3:30 – 5:00 pm	MEETING
Thursday	9:00 – 12:30 pm	MEETING

ELECTRONIC SERVICES AND TOOLS (EST)

Monday	9:00 – 10:30 am	MEETING
Tuesday	9:00 – 10:30 am	Joint w/Voc
	11:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Joint w/SD, V2 Publishing
Thursday	9:00 – 12:30 pm	MEETING
Friday	9:00 – 10:30 am	Joint w/Templates, ITS, SD

EMERGENCY CARE (EC)

Monday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/EHR, BRIDG, CH, Clin Gen, CIC, CQI, PC
	1:45 – 5:00 pm	MEETING
Tuesday	11:00 – 12:30 pm	Joint w/PC, FHIR-I
	3:30 – 5:00 pm	Joint w/PC, CIMI, FHIR-I, Voc
Wednesday	9:00 – 10:30 am	Joint w/PC, CH, LHS
	11:00 – 12:30 pm	MEETING
Thursday	9:00 – 10:30 am	Joint w/PA, PHER

FACILITATORS' ROUNDTABLE DINNER/MEETING

Thursday	5:30 – 8:00 pm	Hosting: MnM, Voc, FHIR-I
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★ FHIR CONNECTATHON

Saturday	9:00 – 5:00 pm	MEETING
Sunday	9:00 – 12:30 pm	MEETING

★ FHIR GOVERNANCE BOARD (FGB)

Sunday	12:30 – 1:30 pm	Luncheon/Meeting – Joint w/FMG
Tuesday	7:00 – 8:00 am	MEETING
Thursday	3:30 – 5:00 pm	Joint w/FMG

★ FHIR INFRASTRUCTURE (FHIR-I)

Sunday	1:45 – 5:00 pm	Joint w/AID
Monday	9:00 – 12:30 pm	MEETING
	1:45 – 5:00 pm	Hosting: CDS, FM, II, InM, MnM, O&O, PC
	3:30 – 5:00 pm	Joint w/PHER
Tuesday	9:00 – 10:30 am	Joint w/PA
	9:00 – 10:30 am	Joint w/SD
	11:00 – 12:30 pm	Joint w/PC, EC
	11:00 – 12:30 pm	Joint w/Pharm
	1:45 – 3:00 pm	Joint w/MnM
	1:45 – 3:00 pm	Joint w/ITS
	1:45 – 3:00 pm	Joint w/RCRIM
	1:45 – 3:00 pm	Joint w/EHR
	3:30 – 5:00 pm	Joint w/PC, CIMI, EC, Voc
	3:30 – 5:00 pm	Joint w/InM, ITS
	3:30 – 5:00 pm	Joint w/SD
	3:30 – 5:00 pm	Joint w/HSI
Wednesday	9:00 – 10:30 am	Joint w/MnM, Voc
	9:00 – 10:30 am	Joint w/EHR, CBCC, Sec
	11:00 – 12:30 pm	Joint w/CIMI
	1:45 – 3:00 pm	Joint w/FM
	1:45 – 3:00 pm	Joint w/CGIT, Templates
	1:45 – 3:00 pm	Joint w/PC, O&O, RCRIM
	1:45 – 3:00 pm	Joint w/Sec
	3:30 – 5:00 pm	Joint w/II
	3:30 – 5:00 pm	Joint w/Clin Gen
Thursday	9:00 – 10:30 am	Joint w/Dev
	9:00 – 10:30 am	Joint w/PC
	9:00 – 10:30 am	Joint w/Sec
	11:00 – 12:30 pm	Joint w/CQI, CDS
	11:00 – 12:30 pm	Joint w/MnM
	11:00 – 12:30 pm	Joint w/O&O
	11:00 – 12:30 pm	Joint w/PC, SD, Templates
	1:45 – 3:00 pm	Joint w/CDS, CQI
	1:45 – 3:00 pm	Joint w/SD
	5:30 – 8:00 pm	Facilitators' Roundtable Dinner/Meeting – Joint w/MnM, Voc

★ FHIR MANAGEMENT GROUP (FMG)

Sunday	12:30 – 1:30 pm	Luncheon/Meeting – Hosting: FGB
Monday	12:30 – 1:30 pm	Luncheon/Meeting

Thursday	3:30 – 5:00 pm	Hosting: FGB
FINANCIAL MANAGEMENT (FM)		
Monday	9:00 – 12:30 pm	MEETING
	1:45 – 5:00 pm	Joint w/FHIR-I, CDS, II, InM, MnM, O&O, PC

Wednesday	9:00 – 12:30 pm	MEETING
	1:45 – 3:00 pm	Hosting: FHIR-I
	3:30 – 5:00 pm	MEETING

Thursday	11:00 – 12:30 pm	Joint w/PA
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FIRST-TIME ATTENDEES' MEETINGS

Sunday	3:00 – 4:00 pm	ORIENTATION MEETING
Monday	7:00 – 8:00 am	ORIENTATION MEETING
Monday	12:30 – 1:30 pm	Lunch Tables Reserved for Q & A

FRESH LOOK TASK FORCE

Monday	3:30 – 5:00 pm	MEETING
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GOVERNANCE AND OPERATIONS COMMITTEE (GOC)

Wednesday	11:00 – 12:30 pm	MEETING
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HL7 TERMINOLOGY AUTHORITY (HTA)

Friday	9:00 – 12:30 pm	MEETING
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HEALTH CARE DEVICES (Dev)

Monday – Tuesday	9:00 – 5:00 pm	MEETING
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Wednesday	9:00 – 3:00 pm	MEETING
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	3:30 – 5:00 pm	Hosting: MH
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Thursday	9:00 – 10:30 am	Hosting: FHIR-I
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	11:00 – 5:00 pm	MEETING
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★ HEALTHCARE STANDARDS INTEGRATION (HSI)

Tuesday	3:30 – 5:00 pm	Hosting: FHIR-I
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Thursday	3:30 – 5:00 pm	MEETING
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IMAGING INTEGRATION (II)

Monday	1:45 – 5:00 pm	Joint w/FHIR-I, CDS, FM, InM, MnM, O&O, PC
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Tuesday	11:00 – 3:00 pm	MEETING
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Wednesday	9:00 – 10:30 am	MEETING
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	11:00 – 12:30 pm	Joint w/O&O, AP, BRIDG
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	1:45 – 3:00 pm	MEETING
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	3:30 – 5:00 pm	Hosting: FHIR-I
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Thursday	9:00 – 5:00 pm	MEETING
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IMPLEMENTABLE TECHNOLOGY SPECIFICATIONS (ITS)

Tuesday	9:00 – 12:30 pm	MEETING
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	1:45 – 3:00 pm	Hosting: FHIR-I
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	3:30 – 5:00 pm	Joint w/InM, FHIR-I
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Friday	9:00 – 10:30 am	Joint w/Templates, EST, SD
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INFRASTRUCTURE & MESSAGING (InM)

Monday	1:45 – 5:00 pm	Joint w/FHIR-I, CDS, FM, II, MnM, O&O, PC
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Tuesday	9:00 – 10:30 am	MEETING
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	1:45 – 3:00 pm	Hosting: CGIT
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	3:30 – 5:00 pm	Hosting: FHIR-I, ITS
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Thursday	9:00 – 10:30 am	Joint w/Voc, CGIT
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INTERNATIONAL COUNCIL MEETING

Sunday	9:00 – 3:00 pm	MEETING
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	12:30 – 1:30 pm	Lunch
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Thursday	12:30 – 5:00 pm	Affiliate Chair or their Designated Rep
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		Luncheon/Meeting
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★ LEARNING HEALTH SYSTEMS (LHS)

Monday	9:00 – 12:30 pm	MEETING
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Wednesday	9:00 – 10:30 am	Joint w/PC, CH, EC
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	11:00 – 3:00 pm	MEETING
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MOBILE HEALTH (MH)

Tuesday	9:00 – 10:30 am	Joint w/EHR
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Wednesday	9:00 – 3:00 pm	MEETING
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	3:30 – 5:00 pm	Joint w/Dev
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MODELING & METHODOLOGY (MnM)

Monday	11:00 – 12:30 pm	MEETING
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	1:45 – 5:00 pm	Joint w/FHIR-I, CDS, FM, II, InM, O&O, PC
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Tuesday	1:45 – 3:00 pm	Hosting: FHIR-I
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Wednesday	9:00 – 10:30 am	Hosting: FHIR-I, Voc
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	11:00 – 12:30 pm	Hosting: Voc
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Thursday	11:00 – 12:30 pm	Hosting: FHIR-I
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	5:30 – 8:00 pm	Facilitators' Roundtable Dinner/Meeting –
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		Joint w/FHIR-I, Voc
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NETWORKING RECEPTION

Wednesday	5:15 – 7:15 pm	RECEPTION
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NOMINATIONS COMMITTEE

Wednesday	9:00 – 10:30 am	MEETING
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NURSES BREAKFAST/MEETING

Tuesday	7:00 – 8:00 am	MEETING
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ORDERS & OBSERVATIONS (O&O)

Monday	9:00 – 12:30 pm	MEETING
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	1:45 – 5:00 pm	Joint w/FHIR-I, CDS, FM, II, InM, MnM, PC
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Tuesday	9:00 – 10:30 am	MEETING
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	11:00 – 12:30 pm	Hosting: RCRIM
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	1:45 – 5:00 pm	MEETING
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Wednesday	9:00 – 10:30 am	MEETING
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	11:00 – 12:30 pm	Hosting: AP, BRIDG, II
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	1:45 – 3:00 pm	Joint w/PC, FHIR-I, RCRIM
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	3:30 – 5:00 pm	MEETING
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Thursday	9:00 – 10:30 am	Hosting: Templates
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	11:00 – 12:30 pm	Hosting: FHIR-I
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	1:45 – 3:00 pm	Joint w/CS
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	3:30 – 5:00 pm	MEETING
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Friday	9:00 – 12:30 pm	MEETING
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PATIENT ADMINISTRATION (PA)

Monday	9:00 – 5:00 pm	MEETING
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Tuesday	9:00 – 10:30 am	Hosting: FHIR-I
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	11:00 – 5:00 pm	MEETING
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Wednesday	9:00 – 10:30 am	MEETING
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	11:00 – 12:30 pm	Hosting: PC
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	1:45 – 5:00 pm	MEETING
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Thursday	9:00 – 10:30 am	Hosting: EC, PHER
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	11:00 – 12:30 pm	Hosting: FM
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	1:45 – 5:00 pm	MEETING
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PATIENT CARE (PC)

Monday	9:00 – 10:30 am	MEETING
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	11:00 – 12:30 pm	Joint w/EHR, BRIDG, CH, Clin Gen, CIC, CQI, EC
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	1:45 – 5:00 pm	Joint w/FHIR-I, CDS, FM, II, InM, MnM, O&O
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Tuesday	9:00 – 10:30 am	Joint w/CIMI
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	11:00 – 12:30 pm	Hosting: EC, FHIR-I
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	1:45 – 3:00 pm	Hosting: CDS, CQI
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	3:30 – 5:00 pm	Hosting: CIMI, EC, FHIR-I, Voc
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Wednesday	9:00 – 10:30 am	Hosting: CH, EC, LHS
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	11:00 – 12:30 pm	Joint w/PA
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	1:45 – 3:00 pm	Hosting: FHIR-I, O&O, RCRIM
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	3:30 – 5:00 pm	Hosting: Voc
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Meetings

Thursday	9:00 – 10:30 am	Hosting: FHIR-I
	11:00 – 12:30 pm	Hosting: FHIR-I, SD, Templates
	12:30 – 1:30 pm	Luncheon/Meeting
	1:45 – 5:00 pm	MEETING

PHARMACY (Pharm)

Monday	9:00 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: FHIR-I
	1:45 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Joint w/PHER
Wednesday – Thursday	9:00 – 5:00 pm	MEETING

PHYSICIANS BREAKFAST/MEETING

Wednesday	7:00 – 8:00 am	MEETING
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POLICY ADVISORY COMMITTEE (PAC)

Wednesday	9:00 – 10:30 am	MEETING
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PROCESS IMPROVEMENT COMMITTEE (PIC)

Monday	3:30 – 5:00 pm	MEETING
Wednesday	3:30 – 5:00 pm	MEETING

PRODUCT LINE ARCHITECTURE PROGRAM

Wednesday	3:30 – 5:00 pm	MEETING
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PROJECT SERVICES

Thursday	1:45 – 3:00 pm	MEETING
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PUBLIC HEALTH & EMERGENCY RESPONSE (PHER)

Monday	11:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: FHIR-I
Tuesday	9:00 – 3:00 pm	MEETING
	3:30 – 5:00 pm	Hosting: Pharm
Wednesday	9:00 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Joint w/PA, EC
	11:00 – 5:00 pm	MEETING

PUBLISHING

Tuesday	1:45 – 3:00 pm	V2 Publishing – Joint w/SD, EST
Wednesday	9:00 – 12:30 pm	V2 Publishing – MEETING
	1:45 – 3:00 pm	V2 Publishing – Hosting: Voc
	1:45 – 3:00 pm	V3 Publishing – MEETING

REGULATED CLINICAL RESEARCH INFORMATION MANAGEMENT (RCRIM)

Monday	1:45 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Joint w/CIC, BRIDG
	11:00 – 12:30 pm	Joint w/O&O
	1:45 – 3:00 pm	Hosting: FHIR-I
	3:30 – 5:00 pm	Hosting: BRIDG
Wednesday	1:45 – 3:00 pm	Joint w/PC, FHIR-I, O&O

SECURITY (Sec)

Monday	1:45 – 5:00 pm	Joint w/CBCC
Tuesday	9:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	Joint w/EHR, CBCC, FHIR-I
	11:00 – 12:30 pm	Joint w/SOA
	1:45 – 3:00 pm	Hosting: FHIR-I
	3:30 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	Hosting: FHIR-I
	11:00 – 12:30 pm	MEETING

SERVICES ORIENTED ARCHITECTURE (SOA)

Tuesday	9:00 – 10:30 am	Hosting: FHIR-I
	11:00 – 5:00 pm	MEETING
Wednesday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Hosting: Sec
	1:45 – 5:00 pm	MEETING

STANDARDS GOVERNANCE BOARD

Sunday	3:30 – 5:00 pm	MEETING
Friday	9:00 – 12:30 pm	MEETING

STEERING DIVISIONS

Monday	7:00 – 8:30 pm	Domain Experts Foundation & Technology Structure & Semantic Design Technical & Support Services
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STRUCTURED DOCUMENTS (SD)

Monday	9:00 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Joint w/CQI
	11:00 – 12:30 pm	Joint w/Voc
	1:45 – 3:00 pm	Hosting: EST, V2 Publishing
	3:30 – 5:00 pm	Hosting: FHIR-I
Wednesday	9:00 – 5:00 pm	MEETING
Thursday	9:00 – 10:30 am	MEETING
	11:00 – 12:30 pm	Joint w/PC, FHIR-I, Templates
	1:45 – 3:00 pm	Hosting: FHIR-I
	3:30 – 5:00 pm	MEETING
Friday	9:00 – 10:30 am	Joint w/Templates, EST, ITS
	11:00 – 12:30 pm	MEETING

TECHNICAL STEERING COMMITTEE (TSC) MEETINGS

Saturday	9:00 – 5:00 pm	MEETING
Sunday	5:15 – 6:15 pm	MEETING
Wednesday	12:30 – 1:30 pm	Luncheon/Meeting

TEMPLATES

Monday	9:00 – 10:30 am	MEETING
Wednesday	1:45 – 3:00 pm	Joint w/CGIT, FHIR-I
Thursday	9:00 – 10:30 am	Joint w/O&O
	11:00 – 12:30 pm	Joint w/PC, FHIR-I, SD
Friday	9:00 – 10:30 am	Hosting: EST, ITS, SD
	11:00 – 12:30 pm	MEETING

UNDERSTANDING THE HL7 INTERNATIONAL ORGANIZATION – FROM PROCESS TO GOVERNANCE

Sunday	4:00 – 5:00 pm	ORIENTATION MEETING
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★ US REALM STEERING COMMITTEE

Thursday	12:30 – 1:30 pm	Luncheon/Meeting
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VOCABULARY (Voc)

Sunday	1:45 – 5:00 pm	MEETING
Monday	9:00 – 5:00 pm	MEETING
Tuesday	9:00 – 10:30 am	Hosting: EST
	11:00 – 12:30 pm	Hosting: SD
	1:45 – 3:00 pm	Joint w/CIMI
	3:30 – 5:00 pm	Joint w/PC, CIMI, EC, FHIR-I
Wednesday	9:00 – 10:30 am	Joint w/MnM, FHIR-I
	11:00 – 12:30 pm	Joint w/MnM
	1:45 – 3:00 pm	Joint w/V2 Publishing
	3:30 – 5:00 pm	Joint w/PC
Thursday	7:00 – 8:00 am	MEETING
	9:00 – 10:30 am	Hosting: CGIT, InM
	11:00 – 3:00 pm	Hosting: CGIT
	3:30 – 5:00 pm	MEETING
	5:30 – 8:00 pm	Facilitators' Roundtable Dinner/Meeting – Joint w/FHIR-I, MnM

Meeting times and locations are subject to change.

NOTE: In compliance with our status as an ANSI-accredited standards development organization, anyone may register to attend HL7 meetings.

“EARLY BIRD” RATE DEADLINE — Advance meeting registration, including payment, is required by April 15, 2016 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 24-26) for a schedule of meeting fees.

TO REGISTER — Please complete the registration form on pages 24-26 and mail it (along with a check payable to Health Level Seven International in U.S. funds ONLY) to:

Health Level Seven International
3300 Washtenaw Ave., Suite #227
Ann Arbor, MI 48104 USA

If paying by credit card, the registration may be faxed to: +1 (734) 677-6622

Online registration is also available via our website (www.HL7.org). For your convenience, you can pay via a credit card directly from the site or print the registration form and mail it along with payment. Advance registrations MUST include payment. No balance dues will be accepted and registrations received without payment will not be processed **until the time that payment is received**. Registrations received with payment by the Early Bird deadline will receive the Early Bird discount. Registrations where payment is not received by then will require the full registration fee. Advance registrations will be accepted until April 22. After that time, registrations can only be made on-site. All on-site registrations require payment in full at the time of registration.

CANCELLATION POLICY — **Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund minus a \$50 processing fee. After that time, no refunds will be made.**

TUTORIAL CANCELLATION

Tutorials at HL7 working group meetings are an additional fee to the daily meeting registration fees. Please note that tutorials listed as free in the brochure still require payment of the daily meeting fee. To register for tutorials, please select each tutorial you would like to take on page 26 of the registration form.

The tutorial schedule is subject to change. A tutorial may be canceled if expected registration numbers are not met. If a tutorial is cancelled, pre-registrants will be notified via email. The registrant may select another tutorial or a full refund of the tutorial fee will be made. However, meeting registration fees and associated travel expenses will not be refunded.

DRESS — The dress code is casual for all HL7 functions. Layered clothing is advised, as room temperatures vary.

MEALS — Continental breakfasts, refreshment breaks and lunches are included in the meeting registration fee and will be provided for all registered attendees Monday through Friday. Vegetarian and diabetic meals are available upon request. You must register for each day's lunch on your registration form in order to receive lunch tickets.

HOTEL INFORMATION — HL7 International's May 2016 Working Group Meeting will be held at:

LE CENTRE SHERATON MONTREAL HOTEL
1201, Boulevard Rene-Levesque Ouest
Montreal (Québec) H3B 2L7, Canada
Hotel Phone Direct: +1 (514) 878-2000

Reservations: +1 (800) 325-3535
Hotel guest services: +1 (514) 878-2043
Fax: +1 (514) 878-3958
Website: sheratoncentremontreal.com

To reserve your room, the hotel has set up a special website registration process just for HL7 attendees. HL7 attendees should log on to <https://www.starwoodmeeting.com/StarGroupsWeb/res?id=1506088509&key=1A70748D> and follow the reservation instructions. For hotel reservations call +1 (800) 325-3535. Be sure to mention Health Level Seven (HL7) to receive the discounted room rate of \$205 CAD, per night for single or double occupancy. These rates will be offered three days prior and three days after the meeting dates, subject to availability of rooms at the time of reservation. Please remember there are a limited number of rooms available at the discounted rate, so reserve your room early. **Discounted room rates are available only on reservations made before April 15, 2016.** Room rates are subject to all applicable state and local taxes in effect at time of check in.

NOTE: There is no link for government rooms, since the rate is higher than our discounted regular room rate.

If you need to cancel your room reservation, please do so 72 hours (three days) prior to your arrival date, and obtain a cancellation number. If you cancel within three days you will be charged one night reservation fee.

GROUND TRANSPORTATION — Montreal is serviced by the Pierre-Elliott-Trudeau International Airport, which is located only 17 minutes from the host hotel (11 miles/18 km) and easily accessible by Montreal transportation.

Transportation to and from Le Centre Sheraton Montreal hotel is hassle-free. Please note that these prices are quoted in Canadian dollars and are subject to change.

- Pierre-Elliott-Trudeau International Airport: \$38 by taxi or \$55 by limousine
- Two subway stations close by - Bonaventure and Peel (interior access located across the street)
- Shuttle Bus \$10 CAD (Bus 747). Please visit the STM website at <http://www.stm.info/en> for the schedule
- Arrangements can also be made for private transfers from and to the airport

PARKING —

- \$25 CAD / day for self-parking with in/out privileges
- \$32 CAD / day for valet service

PLEASE BOOK YOUR ROOM AT THE HL7 MEETING HOTEL

HL7 urges all meeting attendees to secure their hotel reservation at the HL7 Working Group Meeting Host Hotel. This hotel has been contracted to provide the best rate and service to our HL7 meeting attendees, including the vast number of meeting rooms that HL7 uses. In order to secure the required meeting space, HL7 has a contractual obligation to fill our sleeping room blocks. If you make reservations at a different hotel, HL7 risks falling short on its obligation, which translates in HL7 paying additional costs (penalties) to the hotel. Should this occur, HL7 will likely be forced to pass these costs onto our attendees through increased meeting registration fees. Therefore, to help avoid such fee increases, we urge you to book your hotel room at our host hotel. Thank you!

Meeting Registration Form

1. Contact Information

End of day on April 15, 2016 is the deadline for Early Bird fees. All advance registrations must be received by end of day on April 22, 2016. After this date, registrations can ONLY be made on-site with payment.

First Name	Last Name	
Title/Position	Organization	
Address		
City	State	Zip
Country		
Telephone	Fax	
Email	Nickname for Badge	

2. Survey & Information

I am a/an:

<input type="checkbox"/> Affiliate Chair	<input type="checkbox"/> Facilitator — Steering Division	<input type="checkbox"/> HL7 Work Group Co-Chair
<input type="checkbox"/> Facilitator — MnM	<input type="checkbox"/> First-Time WGM Attendee	<input type="checkbox"/> Past Board Chair
<input type="checkbox"/> Facilitator — Publishing	<input type="checkbox"/> HL7 Board Member	<input type="checkbox"/> Tutorial Speaker
<input type="checkbox"/> Facilitator — Vocabulary	<input type="checkbox"/> HL7 Fellow	

I have been a member of HL7 for: ☐ 0-4 years ☐ 5-9 years ☐ 10-14 years ☐ 15-19 years ☐ 20+ years

Primary employment type:

<input type="checkbox"/> Academia	<input type="checkbox"/> Consultant	<input type="checkbox"/> Government	<input type="checkbox"/> Healthcare Professional
<input type="checkbox"/> Payer	<input type="checkbox"/> Pharmacy	<input type="checkbox"/> Provider	<input type="checkbox"/> Vendor
<input type="checkbox"/> Other: _____			

☐ I am a member of an HL7 International Affiliate, employee of an HL7 organizational member or member of another eligible organization (ADA, AHIP, AIRA, ASC-X12, ASTM, CEN/TC 251, CDISC, CHCF, CLSI, CHA, DICOM, eHI, GS1, HIMSS, HIMSS Europe, ICH, IEEE, IHE, IHTSDO, IRIS, LOINC, NCPDP, OASIS, OMG, Sequoia Project, WEDI) and eligible for the member rate.

Please list affiliate or organization: _____

☐ I am a full time student. (Option available only to full-time students who are not professionally employed.)
University attending: _____ Student # _____

Meal Requirements:

☐ Diabetic ☐ Regular ☐ Vegetarian ☐ Other: _____

Mail/Overnight

Health Level Seven International
3300 Washtenaw Ave., Suite #227
Ann Arbor, MI 48104 USA

Fax

+1 (734) 677-6622

Online

www.HL7.org

☐ I plan to attend the **FHIR Connectathon** (Saturday—Sunday).

Note: FHIR Connectathon registration includes space at a table for one person with a laptop, one power connection (expected draw -100 W) and up to two wireless network connections with shared bandwidth. If you have additional hardware, space or connectivity requirements, please contact Lillian@HL7.org prior to registration. Venue constraints may limit HL7's ability to meet special requests.

Lunch is provided on Saturday but **WILL NOT** be provided on Sunday for the FHIR Connectathon. Attendees must register for Sunday to receive a lunch ticket.

☐ I plan to attend the **International Council Meeting** (Sunday).

A lunch ticket will be included in your registration packet.

☐ I plan to attend the **Clinicians on FHIR** (Friday). Please register below.

Clinicians on FHIR is open to clinicians from all disciplines – nurses, physicians, pharmacists, nutritionists and other patient care professionals – who are registered for the Working Group Meeting. Registration before the Friday event is required.

3. Registration and Tutorial Fees:

You must register for either the ALL WEEK OPTION or the DAILY FEE in addition to any tutorials that you attend.

	Members		Non-Members		Amount Due
	Before 4/15	After 4/15	Before 4/15	After 4/15	
Sunday – Friday Option: Please register me for the entire week. Please note that the Sunday-Friday Option does not include the cost of tutorials. <i>Please register separately for any tutorials you would like to attend on page 26.</i>	<input type="checkbox"/> \$920	<input type="checkbox"/> \$1,195	<input type="checkbox"/> \$1,305	<input type="checkbox"/> \$1,720	\$ _____
Monday – Friday Option: Please register me for the entire week. Please note that the Monday-Friday Option does not include the cost of tutorials. <i>Please register separately for any tutorials you would like to attend on page 26.</i>	<input type="checkbox"/> \$770	<input type="checkbox"/> \$1,045	<input type="checkbox"/> \$1,155	<input type="checkbox"/> \$1,570	\$ _____
Per Day Fees: Please note tutorials are an additional fee on top of the daily fees. Additionally, tutorials that are listed as free still require registration for the daily meeting fees. <i>Please register separately for any tutorials you would like to attend on page 26.</i>	<input type="checkbox"/> \$220/day	<input type="checkbox"/> \$290/day	<input type="checkbox"/> \$330/day	<input type="checkbox"/> \$435/day	\$ _____
<input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday <input type="checkbox"/> Wednesday <input type="checkbox"/> Thursday <input type="checkbox"/> Friday # _____ days attending x fee:					\$ _____

	Members		Non-Members		
FHIR Connectathon: Please note: No partial registrations for the FHIR Connectathon will be accepted. The registration fee covers all day Saturday and Sunday morning. Lunch will be provided on Saturday but not on Sunday.	<input type="checkbox"/> Participant: \$295	<input type="checkbox"/> Observer: \$395	<input type="checkbox"/> Participant: \$395	<input type="checkbox"/> Observer: \$495	\$ _____
Clinicians on FHIR:	<input type="checkbox"/> No Fee		<input type="checkbox"/> No Fee		\$ _____

Deadline for Discounted Rates: Payment must be received by April 15, 2016 to qualify for the “Early Bird” rate. The full fee structure applies to all other registrations where payment is received after this date.

Cancellation/Refund Policy: Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund less a \$50 processing fee. After this date, no refunds will be given for ANY reason.

Payment Policy: Registrations for the meeting can only be paid for in US currency.

Meeting Registration Form

All individuals who are employed by an HL7 gold or benefactor organization must have their key member contact Mary Ann Boyle at maryann@hl7.org if they wish to use their organization's free tutorial seats for this meeting.

Tutorial Fees: Please register me for the following tutorials: Please note that tutorials are an additional fee to the daily meeting fee. You must also register for the days you are taking tutorials.

SUNDAY

- ☐ **Track 4—FHIR:** FHIR Update and Coordination Session — HL7 Co-Chairs & Facilitators ONLY — FREE TUTORIAL (F1) — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 5—Information Forums:** First-Time Attendees' Orientation — FREE TUTORIAL (F2) — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 5—Information Forums:** Tutorial Development Workshop — FREE TUTORIAL (F3) — Must sign up to attend this tutorial (Please check the box.)
- ☐ **Track 5—Information Forums:** Understanding the HL7 International Organization — From Process to Governance — FREE TUTORIAL (F4) — Must sign up to attend this tutorial (Please check the box.)

MONDAY

Morning Sessions

	Members Before 4/15	Members After 4/15	Non-Members Before 4/15	Non-Members After 4/15	AMOUNT DUE
<input type="checkbox"/> Track 5—Information Forums: First Time Attendees' Orientation — FREE TUTORIAL (F5) — Must sign up to attend this tutorial (Please check the box.)					
<input type="checkbox"/> Track 1—Version 2.x: Introduction to Version 2, Part 1: Control and ADT (M1)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 2—Version 3 and CDA: XDS and CDA (M2)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input type="checkbox"/> Track 3—Special Topics: Standards for Interoperability (M3)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Afternoon Sessions					
<input type="checkbox"/> Track 1—Version 2.x: Introduction to Version 2, Part 2: Orders and Observations (M4)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 2—Version 3 and CDA: Consolidated CDA (M5)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 4—FHIR: Introduction to HL7 FHIR (M6)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

TUESDAY

Morning Sessions

<input type="checkbox"/> Track 6—Information Forums: Glossary Management — FREE TUTORIAL (F6) — Must sign up to attend this tutorial (Please check the box.)					
<input type="checkbox"/> Track 1—Version 2.x: Version 2.7 Control Specialist Certification Exam Preparation (T7)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input type="checkbox"/> Track 3—Special Topics: Introduction to UML: Using UML in Developing HL7 Specifications (T8)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 4—FHIR: FHIR for Architects (T9)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Afternoon Sessions					
<input type="checkbox"/> Track 3—Special Topics: Vocabulary in HL7 — Foundations (T10)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 4—FHIR: FHIR for Specifiers (T11)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

WEDNESDAY

Morning Sessions

<input type="checkbox"/> Track 5—Information Forums: How to Design and Deliver an HL7 Tutorial — FREE TUTORIAL (F7) — Must sign up to attend this tutorial (Please check the box.)					
<input type="checkbox"/> Track 5—Information Forums: GS1 Standards for Supply Chain Meets HL7 — FREE TUTORIAL (F8) — Must sign up to attend this tutorial (Please check the box.)					
<input type="checkbox"/> Track 2—Version 3 and CDA: Introduction to Clinical Document Architecture (W12)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input type="checkbox"/> Track 3—Special Topics: Authoring Value Set Content (W13)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 4—FHIR: Introduction to FHIR Development (W14)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Afternoon Sessions					
<input type="checkbox"/> Track 2—Version 3 and CDA: Clinical Document Architecture — Advanced (W15)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input type="checkbox"/> Track 3—Special Topics: HL7 Hot Topics (W16)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input type="checkbox"/> Track 3—Special Topics: Specification Profiles and Conformance (W17)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____

THURSDAY

Morning Sessions

<input type="checkbox"/> Track 5—Information Forums: Newly Elected Co-Chair Training — FREE TUTORIAL (F9) — Must sign up to attend this tutorial (Please check the box.)					
<input type="checkbox"/> Track 2—Version 3 and CDA: CDA Specialist Certification Exam Preparation (TH18)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
<input checked="" type="checkbox"/> Track 3—Special Topics: Clinical Genomic Apps via FHIR: From Design to Deployment (TH19)	<input type="checkbox"/> \$110	<input type="checkbox"/> \$215	<input type="checkbox"/> \$325	<input type="checkbox"/> \$490	\$ _____
Afternoon Sessions					
<input type="checkbox"/> Track 1—Version 2.x: HL7 Version 2.7 Control Specialist Certification Exam (TH20)	<input type="checkbox"/> \$199	<input type="checkbox"/> \$199	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	\$ _____
<input type="checkbox"/> Track 2—Version 3 and CDA: HL7 CDA Specialist Certification Exam (TH21)	<input type="checkbox"/> \$199	<input type="checkbox"/> \$199	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	\$ _____
<input type="checkbox"/> Track 2—Version 3 and CDA: HL7 Version 3 RIM Certification Exam (TH22)	<input type="checkbox"/> \$199	<input type="checkbox"/> \$199	<input type="checkbox"/> \$350	<input type="checkbox"/> \$350	\$ _____

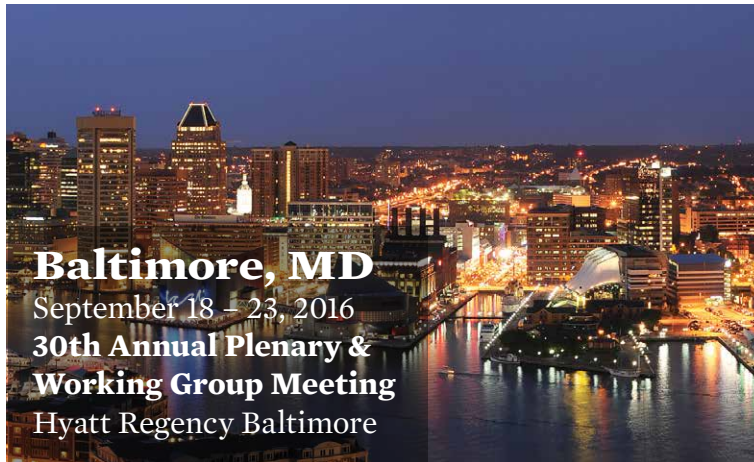
Total Amount Due \$ _____

4. Payment Information: Payment must be included in order to process your registration. Method of Payment (US Dollars, Drawn on US Bank Only)

☐ Check (Please make payable to: Health Level Seven International) Credit Card: ☐ Visa ☐ Master Card ☐ American Express ☐ Discover

Number: _____ Expiration Date: _____ Billing Street Address: _____

Name on Card (Please Print): _____ Signature: _____



The following HL7 work groups will conduct co-chair elections at this working group meeting.

Work Group	# being elected
Application Implementation and Design	1
Clinical Genomics	1
Clinical Quality Information	3
Community Based Collaborative Care	1
Education	1
Electronic Services and Tools	2
Health Care Devices	1
Implementable Technology Specifications	1
International Mentoring	1
Modeling and Methodology	1
Patient Care	1
Process Improvement	1
Project Services	1
Security	1
Services Oriented Architecture	1
Templates	1



MONTREAL QUEBEC CANADA

Is it any wonder that a city as creative and stylish as Montreal was designated UNESCO City of Design? Places such as the Quartier international, a showcase of modern design, art and architecture at the heart of downtown, testify to Montreal's avant-garde character. Hundreds more examples of our innovation and free-spiritedness flourish in fashion boutiques and interior and industrial design spaces all over the city.

In 2007, Montreal was the first urban center to sign the National Geographic Society's Geotourism Charter. One look at the city's compact downtown that hums 24/7, with wonderfully preserved Old Montreal at its feet and beautifully landscaped Mount Royal Park as a backdrop, provides a hint. Encircling the "Mountain" are cozy, charming neighborhoods, each with their own commercial centers and three-story row housing. The Metro easily services this area and beyond. Montreal's four seasons provide the typical northeastern changes of scenery, and has the facilities for every summer and winter sport imaginable.

Renowned for its sensational and original restaurants and as a center for French cuisine par excellence, Montreal is part of a select group of 15 cities to join the prestigious World Good Food Cities Network in 2007. Over 80 different kinds of food are served in 6,000 restaurants, from 5-star to soul-comforting smoked-meat counters.

Montreal is the most bilingual metropolis in North America and the second largest French-speaking city in the world after Paris. Located on an island in the middle of the St. Lawrence River, it was colonized by the French and later the British. Today, the population of Greater Montreal is approximately 3.6 million, with 53% of its inhabitants bilingual (French and English) and 20% using a third language (in addition to French and English). Montreal ranked first for university research in Canada – a small wonder for a city with two French-language and two English-language universities!

Copy and photos compliments of Tourisme Montreal.

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