



EHR Interoperability Training

Overview

This self-paced, web-based training consists of five courses that incorporate real-world examples and a story-based approach to highlight the interoperability of electronic health record (EHR) standards in four key areas, including transitions of care, lab exchange, patient and family engagement, and public health. Mobile access via tablet devices (Galaxy and iPad 2 and 3) enable on-the-go access anytime, anywhere, and with any modern web browsers.

Target Audience

The training is intended for Regional Extension Centers (RECs), Beacons, State Health Information Exchanges (HIEs), and other EHR implementers assisting hospitals and providers in achieving Meaningful Use (MU) Stage 2.

Course Series

Take the entire series of courses, or focus on just the lessons you need when you need them. The series of training consists of the following five courses:

- Interoperability Basics
- Transitions of Care
- Lab Exchange
- Patient and Family Engagement
- Public Health

Accessible from Multiple Locations

The Interoperability Training course series are available from:

- [HITRC Learn Center](#) (requires user account)
- [HealthIT.gov](#) (accessible without an user account)



Course Design Highlights

The five courses represent expertise from:

- *ONC personnel regarding the intent of rules and measures*
- *CMS personnel regarding policies*
- *REC and Beacon personnel implementing the rules and measures*
- *Vendors*
- *Subject matter experts in each of the course topics*
- *Instructional designers skilled in designing and developing adult learning*

For more information on HITRC Training, visit us at

www.hitrc-collaborative.org/confluence/display/hitrclearningcenter/HITRC+Training

Interoperability Training Course Descriptions

Interoperability Basics Course

Interoperability Basics is an interactive course that uses stories, analogies, and practical examples to highlight the new vocabulary, content, transport, and services standards introduced in the MU Stage 2 criteria. This course emphasizes some of the differences between Stage 1 and Stage 2 standards and introduces the concept of interoperability building blocks. Stories are used to show concepts in practice. The course includes the following lessons:

- Defining Interoperability
- Interoperability Path to Meaningful Use Stage 2
- Building Blocks of Interoperability
- The Effect of Interoperability on Categories of Care

Transitions of Care Course

The Transitions of Care course describes how MU Stage 2 objectives, measures, and standards support better care transitions. The course provides implementation guidance and practical examples to aid those who assist providers and hospitals exchange key information in support of care transitions. The course includes the following lessons:

- Introduction to Interoperability and Transitions of Care
- Interoperability Standards for Transitions of Care
- Implementing Standards-based Exchange for Transitions of Care

Lab Exchanges Course

Interoperability and Lab Exchanges course outlines the differences between MU Stage 1 and 2 requirements as well as includes user stories to highlight the benefits and potential roadblocks to the new thresholds, standards, and certification criteria. The Lab Exchange course equips MU Stage 2 implementers with the tools needed to better understand Lab Exchange and practical solutions for challenges they may face along the path to meeting the Stage 2 objectives and measures. The course includes the following lessons:

- Introduction to Interoperability and Lab Exchange
- Incorporating Structured Lab Data
- Lab Results Interface Guide
- LOINC Codes
- Sending Lab Results

Interoperability Training Course Descriptions - cont.

Patient and Family Engagement Course

Interoperability and Patient and Family Engagement highlights the key differences between MU Stage 1 and Stage 2; defines relevant MU Stage 2 specifications; shares practical strategies for achieving MU in 2014; and discusses the challenges and solutions to meeting these new objectives. The course teaches MU implementers how to leverage their electronic health records (EHRs) to share clinical summaries, send secure electronic messaging, and provide patients the ability to view, download, and transmit their health information. The course includes the following lessons:

- Introduction to Interoperability and Patient and Family Engagement
- Viewing, Downloading, and Transmitting Health Information
- Providing Clinical Summaries to Patients
- Using Secure Electronic Messaging

Public Health Course

The Interoperability and Public Health course provides an overview of steps providers must take to begin the onboarding process with their Public Health Agency to begin submitting data electronically. The training describes the increased level of effort providers can anticipate and changes in requirements from MU Stage 1 to MU Stage 2. The course identifies requirements, standards, data transport mechanisms and implementation guides for each public health domain – immunization, reportable lab results, syndromic surveillance, centralized cancer registries and other specialized registries. The course covers potential challenges providers and EHR vendors may encounter with public health data submission. The course includes the following lessons:

- Introduction to Interoperability and Public Health
- Ongoing Submission to Public Health Agencies
- Submission of Electronic Data to Immunization Registries
- Submission of Electronic Syndromic Surveillance Data to Public Health Agencies
- Submission of Electronic Reportable Lab Results to Public Health Agencies
- Submission of Electronic Cancer Data to Public Health Agencies