

# Chapter 2

## Standards for EHRs

# Chapter 2 Content:

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- ❑ **LO 2.1** Describe EHR Standards History
- ❑ **LO 2.2** Identify basic HIPAA regulations
- ❑ **LO 2.3** List basic CHI regulations
- ❑ **LO 2.4** Summarize IOM's Core Functions
- ❑ **LO 2.5** Summarize basic CCHIT Features
- ❑ **LO 2.6** Evaluate MIPPA Incentives

# LO 2.1 The EHR Standards Hx



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- CCHIT – Certification Commission for Health Information Technology

# LO 2.2 HIPAA - 2006

Health Insurance Portability and Accountability Act of 1996



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- Security and Data Backup and Storage
- Auditing Abilities
- Code Sets

## 2. HIPAA - 1996

### Health Insurance Portability and Accountability Act of 1996

- Health Information Technology for Economic and Clinical Health (HITECH)
  - ❖ Expands HIPAA's coverage of privacy regulations to EHRs
  - ❖ Expands "data breach notification requirement" to include "business associates" of medical entities
  - ❖ Support entities now liable for security and privacy requirements, and same civil and criminal penalties, as other HIPAA-covered entities

# LO 2.3 CHI

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❖ **Health Level Seven (HL7)**

❖ **National Council on Prescription Drug Programs (NCPDP)**

❖ **Institute of Electrical and Electronics Engineers 1073 (IEEE)**

❖ **Digital Imaging Communications in Medicine (DICOM)**

❖ **Laboratory Logical Observation Identifier Name Codes (LOINC)**

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- ❖ **Systematized Nomenclature of Medicine Clinical Terms (SNOMED-CT)**
  - ❖ **HIPAA Transaction and Code Sets**
  - ❖ **Food and Drug Administration (FDA)**
  - ❖ **Human Gene Nomenclature (HUGN)**
  - ❖ **Environmental Protection Agency (EPA)**

# LO 2.4 IOM'S CORE FUNCTIONS OF AN EHR

Institute of Medicine Standards

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- ❖ **Health Information and Data:**  
Complete patient data must be present.
- ❖ **Patient Support:**  
Includes home monitoring of patients, patient education, and telehealth.
- ❖ **Results Management:**  
Management and ordering of lab tests results and radiology results.
- ❖ **Administrative Processes:**  
Includes scheduling, billing, medical claims, authorizations, and referrals.

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- ❖ **Order Entry/Management:**  
Governs entry of orders and prescriptions.
- ❖ **Reporting and Population Health:**  
Automation to reduce labor requirements and enhance accuracy and efficiency.
- ❖ **Medical Decision Support:**  
Drug prescribing and dosage, disease screening, diagnosis and treatment, and care improvement.
- ❖ **Electronic Communication and Connectivity:**  
Accessing information between specialists, primary care physicians, radiology, laboratories, and pharmacies.



**LO 2.5 CCHIT**  
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- CCHIT certification means the product has met basic requirements for:
  - ❖ Functionality – ability to carry out specific tasks
  - ❖ Interoperability – compatibility and communication with other products
  - ❖ Security – ability to keep patients’ information safe

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- Certification in the EHR industry will bring a greater level of patient care and greater efficiency in the medical office.

A photograph of three medical professionals in a clinical setting. On the left, a Black male doctor in a white lab coat with a stethoscope around his neck. In the center, a female nurse in blue scrubs pointing at a document. On the right, a white male doctor in a white lab coat with a stethoscope and a watch, holding the document. The background is a bright, slightly blurred hospital hallway.

# LO 2.6 MIPPA

## MEDICARE IMPROVEMENTS FOR PATIENT AND PROVIDERS ACT OF 2008



# 6. MIPPA

## MEDICARE IMPROVEMENTS FOR PATIENT AND PROVIDERS ACT OF 2008

### ➤ Greater Safety to Patients ~

- ❖ Automatic drug and allergy interaction checking
- ❖ Eliminate errors due to poor handwriting
- ❖ Reduce need for clarification from pharmacies
- ❖ Eliminate abuse through a centralized clearing house used by all physicians for all patients for all medications



# 6. MIPPA

## MEDICARE IMPROVEMENTS FOR PATIENT AND PROVIDERS ACT OF 2008

- E-prescribing providers in 2009 are eligible to receive an additional incentive payment equal to 2% of their **Medicare Part B** reimbursement in 2010
- Providers report the utilization e-prescribing by using specific “G” codes when submitting Medicare claim forms.
- Surescripts (national clearinghouse for e-prescribing) links thousands of physicians using EHRs, pharmacists and payers nationwide enabling them to exchange health information and prescribe without paper.



# EHR

## Electronic Health Records

It is important in today's medical environment that both medical clerical and clinical students be familiar with the functionality of EHRs and have "hands-on" experience.

Medical offices will find potential workers with this training valuable and necessary.

The next 10 chapters cover the exciting functionality and practical use of an industry-standard EHR program - SpringCharts® EHR.