

Component 3-Terminology in Healthcare and Public Health Settings

Unit 14-What is Health Information Management and Technology?

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What is Health Information Management and Technology

- Learning Objectives
 - Define and explain the terms and concepts used in the field
 - Understand the terms that frame HIM and HIT practice
 - Explain commonly used acronyms and abbreviations

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Terms and Concepts in HIT

- HIT Regulations
 - ARRA
 - American Recovery and Reinvestment Act of 2009

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Terms and Concepts in HIT

- HIT Regulations
 - ARRA
 - American Recovery and Reinvestment Act of 2009
 - **HITECH**
 - **Health Information Technology for Economic and Clinical Health Act**

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Terms and Concepts in HIT

- Classification vs Terminologies
 - Classification systems
 - Group similar or related data for external reporting
 - Example -- the ICD-9-CM coding system, which is used for the reporting to insurers by providers in order to receive reimbursement for services provided
 - A new classification system, ICD-10-CM, will be implemented on October 1, 2013

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Terms and Concepts in HIT

- Classification vs Terminologies
 - Classification systems are designed to group similar or related data for external reporting
 - **Clinical Terminologies**
 - **Designed for the documentation by providers when delivering clinical care and allow for the information to be codified and used in EHRs**

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Terms and Concepts in HIT

- Classification vs Terminologies
 - “Together, standard clinical terminologies and classifications represent a common medical language that allows data to be shared. Therefore, standard, modern clinical terminologies and classifications must be incorporated into EHR systems in order to achieve system interoperability and to realize the benefits of a national health information infrastructure.”

American Health Information Management Association. Relationship of Terminologies and Classifications. Available from <http://www.ahima.org/resources/termclass.aspx>

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Terms and Concepts in HIT

- Computerized Provider Order Entry (CPOE)

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Terms and Concepts in HIT

- Computerized Provider Order Entry (CPOE)
- **Decision-Support Systems (DSS)**
 - **Clinical Decision Support (CDS)**

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Terms and Concepts in HIT

- Computerized Provider Order Entry (CPOE)
- Decision-Support Systems (DSS)
 - Clinical Decision Support (CDS)
- **Consolidated Health Informatics (CHI) Initiative**

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Terms and Concepts in HIT

- Computerized Provider Order Entry (CPOE)
- Decision-Support Systems (DSS)
 - Clinical Decision Support (CDS)
- Consolidated Health Informatics (CHI) Initiative
- **Electronic Health Record (EHR)**

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Terms and Concepts in HIT

- eHIM®
 - A term and trademark used by AHIMA to identify the transition from paper based health information management to electronic health information management (eHIM)

E-HIM. Available from: <http://www.ahima.org/ehim/default.aspx>

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Terms and Concepts in HIT

- **eHIM**
 - A term and trademark used by AHIMA to identify the transition from paper based health information management to electronic health information management (eHIM)
- **Electronic health record (EHR) management**
 - A process where the management of electronic health data is created or received for legal or business purposes

HIM role in EHR management and the legal EHR. Available from <http://www.ahima.org/resources/ehroles.aspx>

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Terms and Concepts in HIT

- **Electronic Prescribing (eRx)**
 - Use of personal computer devices to review drug and formularies
 - Electronic transmission of prescriptions to pharmacies
 - Integration with clinical systems to provide physician with patient-specific information about drug interactions and allergies

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Terms and Concepts in HIT

- **Electronic Prescribing (eRx)**
- **Federal Health Architecture (FHA)**
 - A collaborative body composed of more than 20 federal departments and agencies

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Terms and Concepts in HIT

- Health Information Technology (HIT)

- Health Information Exchange (HIE)
 - Regional Health Information Organization (RHIO)
 - Nationwide Health Information Network (NHIN)

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Terms and Concepts in HIT

- Health Information Technology (HIT)

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 - Nationwide Health Information Network (NHIN)

- **Meaningful Use (MU)**

- **Regional Extension Centers (RECs)**

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Commonly Used HIT Acronyms

- Professional organizations supporting HIT
 - AHIMA American Health Information Management Association
 - AMIA American Medical Informatics Association
 - HIMSS Healthcare Information and Management Systems Society

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Commonly Used HIT Acronyms

- Trade Associations supporting HIT
 - EHRA HIMSS Electronic Health Record Association
 - IOM Institute of Medicine

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Commonly Used HIT Acronyms

- Funding agencies supporting HIT
 - AHRQ Agency for Healthcare Research and Quality
 - HHS Department of Health and Human Services
 - NIH National Institutes of Health
 - NLM National Library of Medicine

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Commonly Used HIT Acronyms

- US governmental oversight for HITECH
 - ONCHIT Office of the National Coordinator for Health Information Technology
 - ONC Office of the National Coordinator
 - ONC HIT (Health IT) Standards Committee
 - ONC HIT (Health IT) Policy Committee

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Commonly Used HIT Acronyms

- Other government agencies
 - CDC Centers for Disease Control and Prevention
 - CMS Centers for Medicare and Medicaid Services
 - FDA Food and Drug Administration
 - HRSA Health Resources and Services Administration

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Commonly Used HIT Acronyms

- Organizations supporting HIT standards
 - CCHIT Certification Commission for Health Information Technology
 - ATCB Authorized Testing and Certification Body
 - ACB Authorized Certification Body
 - SDO Standards Development Organization
 - HITSP Health Information Technology Standards Panel
 - HL-7 Health Level 7
 - ISO International Organization for Standardization

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Commonly Used HIT Acronyms

- ADT Admission, Discharge & Transfer
- CIO Chief Information Officer
- PQRI Physician Quality Reporting Initiative
- SNOMED Systematized Nomenclature of Medicine
- VHA Veterans Health Administration
- VistA Veterans Health Information Systems and Technology Architecture

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Commonly Used HIPAA Acronyms

- BA Business Associate
- BAA Business Associate Agreement
- CAH Critical Access Hospital
- CE Covered Entity
- CFR Code of Federal Regulations

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Commonly Used HIPAA Acronyms

- HIPAA Health Insurance Portability and Accountability Act of 1996
- IFR Interim Final Rule
- NPRM Notice of Proposed Rule-Making
- OCR Office of Civil Rights
- PHI Protected Health Information

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Sources

- Most of the materials in this presentation have been adapted from portions of the ONC website:

http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov__onc/1200

- In addition to citations on individual slides, additional sources used for the acronyms in this presentation are:

AHIMA. ARRA acronyms. Available from:
http://library.ahima.org/xpedio/groups/public/documents/ahima/bok1_047273.hcs?p?dDocName=bok1_047273

ONC. Acronyms. Available from:
http://healthit.hhs.gov/portal/server.pt/community/health_it_hhs_gov__acronyms/1217

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