Chapter 1
An Introduction to EHRs
Working Definition:

Electronic Health Records (EHR) is the most commonly accepted term for software with a full range of functionalities to store, access, and use patient medical information.
Chapter 1 Content:

- LO 1.1 The EHR History
- LO 1.2 Data Entry in the EHR
- LO 1.3 Acronym Alphabet Soup
- LO 1.4 Barriers to the EHR
- LO 1.5 Benefits of the EHR
- LO 1.6 EHR Adoption Incentives
LO 1.1 History of EHR
1. History of EHR

- Impetus - Improved Patient Medical Care
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- 1960s – First EHR Programs and Electronic Databases
LO 1.2 Data Entry in an EHR

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- Development of Computer Technology & Data Entry
2. Data Entry in an EHR

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- 1990s – Reliability & Security of Networks
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- 1990s – Reliability & Security of Networks
- 2000s – Remote Access and ASP models
LO 1.3 Acronym Alphabet Soup
3. Acronym Alphabet Soup

EHR – Electronic Health Record
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- EHR – Electronic Health Record
- EMR – Electronic Medical Record
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- CPR – Computer-based Patient Record
- CCR – Continuity of Care Record
- PHR – Personal Health Record
LO 1.4 Barriers to the EHR
4. Barriers to the EHR

- A Lack of Standards for EHR Systems
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- Unknown Cost and Return on Investment
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- Unknown Cost and Return on Investment
- Difficulty to Operate
- Significant Changes in Clinic Processes
- Lack of Trust and Safety
- Growth of EHRs - Need for Support Staff
LO 1.5 Benefits of the EHR
5. Benefits of the EHR

- Better Clinic Information and Accessibility
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- Better Clinic Information and Accessibility
- Patient Safety
4. Benefits of the EHR

- Better Clinic Information and Accessibility
- Patient Safety
  - Handwriting issues
  - Health-care Screenings
  - Medical Decision-making Support
5. Benefits of the EHR

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- Better Clinic Information and Accessibility
- Patient Safety
  - Handwriting issues
  - Health-care Screenings
  - Medical Decision-making Support
- Better Patient Care
- Efficiency and Savings
  - Elimination of Storage Costs
  - Rapid Communication
  - Decreased Transcription Costs
  - More Accurate Coding
6. Current EHR Incentives

- **American Recovery and Reinvestment Act of 2009 (ARRA)**
  - Provides more than $19 billion to aid in the development of a health care infrastructure, including EHRs
  - Physicians must use a ‘Certified’ EHR and demonstrate ‘meaningful use’
  - Reimbursements will be made through Medicare and Medicaid
  - Reimbursements will begin in 2011