

# Unit 2

## Content

- [Print](#)
- **EHR Systems and Quality Outcomes**

### Introduction

Health care managers in today's modern environment need to understand the importance and role of HIM. This also includes an understanding of the professional need to ensure that the health information systems are compliant and operating in an efficient and effective manner.

In this unit, you will have the opportunity to work through an interactive scenario at a fictitious hospital and assess an EHR system. You will be tasked with identifying the most obvious strengths and flaws and how the data is currently captured, tracked, analyzed, and shared; and whether each area meets regulatory policy and incentive guidelines. You will also describe the impact of the EHR system on quality and patient outcomes.

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Learning Activities

[Collapse All](#)

- [Toggle Drawer](#)

### [u02s1] Unit 2 Study 1

#### Studies

#### Readings

Complete the following to prepare for the discussion in this unit and the Unit 3 assignment.

#### Electronic Health Records

- Boonstra, A., Versluis, A., & Vos, J. F. J. (2014). [Implementing electronic health records in hospitals: A systematic literature review](#). *BMC Health Services Research*, 14, 370–394.

- Pratt, M. K. (2017). [6 tips to help practices adapt to a new EHR](#). *Contemporary OB/GYN*, 62(2), 42.
- Richter, L. L. (2017). [Sharing an EHR application across multiple organizations](#). *Journal of AHIMA*, 88(10), 52–53.
- [The EHR that lets doctors be doctors](#). (2017). *Health Management Technology*, 38(9), 22–23.

## Multimedia

- Click **Vila Health: Analysis of an EHR System** to complete the media simulation.
  - You will be using the scenario presented in the media piece to help inform your work on the assignments throughout this course.



[Vila Health: Analysis of an EHR System](#)

[Activity icon](#)

[Transcript](#)

## Learning Components

This activity will help you achieve the following learning components:

- Understand meaningful use guidelines and what they mean to an organization's current state of compliance.
- Understand an organization's current EHR system and its data process to meet regulatory guidelines.
- Understand how evidence helps support new practices and end-user function.

## [u02s2] Unit 2 Study 2

### Assignment Preparation

By the end of Unit 3, you will complete the Analysis of Electronic Health Records System assignment in which you will create a PowerPoint presentation related to best practices and emerging models in HIM and EHR as they relate to the current system in place at Vila Health's Independence Medical Center.

A few things that you should do to prepare to successfully complete the assignment are:

- Review the Vila Health: Analysis of an EHR System scenario to learn more about the Vila Health organization.
  - While analyzing the EHR, you will not only want to think about the flow of data, how it moves through the system, and compliance with meaningful use but also about the patient experience and implications on quality of care. Consider privacy and security of patient records as well.
- Familiarize yourself with meaningful use guidelines. Take a moment to review sources and conduct additional research as needed on the Centers for Medicare & Medicaid Services (CMS) incentive program.

## **Learning Components**

This activity will help you achieve the following learning components:

- Prepare to complete the Analysis of Electronic Health Records System assignment.

## **[\[u02d1\] Unit 2 Discussion 1](#)**

### **EHR Analysis and Quality Improvement**

For this discussion, use the Vila Health: Analysis of an EHR System media simulation as context.

Based on the role you undertook in the media simulation, provide a brief analysis of the current EHR system at Independence Medical Center as well as comment on how the EHR could be utilized to create improvements in quality and patient care.

For your main post of the discussion, based on your viewpoint in the media simulation, please address the following:

- Analyze the current state of the EHR system at Independence Medical Center.
  - Identify its most obvious strengths.
  - Identify its most obvious flaws.
  - Discuss how the data are currently captured, tracked, analyzed, and shared.
    - Identify which, if any, of these areas meet regulatory policy and incentive guidelines.
- Identify ways in which the EHR system potentially impacts the experience and quality of patient care at Independence Medical Center.
- Identify areas within the EHR system or processes that could be improved.
  - Which of these improvements have the biggest potential for positive impacts? Why?

Support your post with at least one peer-reviewed source, using course readings or other scholarly literature. Include APA-formatted in-text citations and accompanying congruent APA-formatted references.

### **Response Guidelines**

Respond to at least two of your peers.

In your response, take on the role of a health care professional who is working on the ground with the EHR system used by Independence Medical Center.

Address the following in your response to your peers:

- Briefly note the role whose viewpoint you are using to construct your response.
- Comment on the extent to which you agree and disagree with your peers' identification of the strengths and flaws of the current EHR system at Independence Medical Center as it pertains to your role.
- Comment on the impacts that the EHR system has on your role's work experience and your ability to provide quality care.
  - How are these impacts similar or different to those identified in your peers' response?
    - What might this indicate about potential areas to prioritize when seeking improvements in the EHR?

### **Learning Components**

This activity will help you achieve the following learning components:

- Analyze the current state of an organization's EHR system or health information technology.
- Analyze the strengths and weaknesses of an organizations health information technology.
- Discuss how the data are captured, tracked, analyzed, and shared within an organization.
- Identify evidence that points to opportunities for improvements with regards to user functions.
- Identify ways in which HIT potentially impacts the experience and quality of patient care.
- Write clearly and accurately.
- Apply current APA style guidelines.

### **Resources**

- [Discussion Participation Scoring Guide.](#)
- [Vila Health: Analysis of an EHR System | Transcript.](#)
- [Capella University Library.](#)

- [APA Module.](#)