**Emerging Perspectives in Health Information Systems/Technologies (Health IS/IT)**

**Learning Objectives:**

* Overview the field of health information systems/technologies (health IS/IT) to showcase emergent thinking and perspective
* Highlight major health IS/IT components
* Outline key health IS/IT themes
* Conceptualize health IS/IT cultures

**Chapter Outline:**

I. Introduction

II. Scoping the HMIS Field: A Digital Health Ecosystem Perspective

Routine Business vs. Health (Clinical) Data, Information, and Knowledge

The Need for and Challenge of a Digital Health Ecosystem

An EHR: Defining the Basic Functions of a Typical Health IS/IT System

III. Major Health IS/IT Components

IV. HMIS Cultures

V. Conclusion

**Discussion Questions:**

1-1 What are emergent perspectives of health IS/IT?

1-2 Why is it difficult to integrate IT and medicine? Discuss the need for an integrative perspective for managing health IS/IT.

1-3 List the five major components of a health IS/IT system. Discuss which component deserves the most attention in today’s health IS/IT environment and why. Provide specific examples of each component in the context of your work.

1-4 If you were the Chief Information Officer, which of the four types of health IS/IT cultures would you pursue and why?

1-5 What is the concept of a digital health ecosystem? What significance and impact does such a concept have on the transformation of healthcare services delivery systems in the United States, and other developed and developing countries?