Corrections

*Introduction to Information Systems for Health Information Technology*, Fourth Edition
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Check Your Understanding 11.1, page 255

1. Identify the legislation that provided the economic stimulus money to help the US out of a recession and provided specific funding for the advancement of HIT.
a. HIPAA
b. HITECH
c. ADA
**d. ARRA**
The American Recovery and Reinvestment Act (ARRA) was enacted to stimulate the US economy during a recession. A significant portion of ARRA was dedicated to expanding the use of HIT to improve the business efficiency and effectiveness of healthcare organizations while increasing patient safety and positive health outcomes. This part of the ARRA legislation is the Health Information Technology for Economic and Clinical Health (HITECH) Act which dedicated more than $19 billion to developing HIT, implementing workforce education and training, certifying EHR products, establishing standards and vocabularies, and driving electronic security and privacy regulations into the 21st century.

2. Dr. Michaels orders an antibiotic for her patient, Millie, who has been diagnosed with a UTI. The nurse verified which pharmacy Millie uses when she did the initial assessment for the appointment. Millie can now leave the doctor's office and the antibiotic will be ready for pick up on her way home. This process of a physician ordering medication to a specified licensed pharmacy is termed:
   **a. E-prescribe**
   b. E-drugs
   c. E-meds
   d. EMAR
   Nonetheless, the pharmacy must be able to securely receive a verified prescription from a licensed provider and accurately provide the correct medication and dosage for the specified patient, this is termed e-prescribe.

3. Dr. Willis is a pediatric cardiologist in Atlanta, GA. He has a former colleague, Dr. James, now located in Tallahassee, FL. Dr. James wants a consult regarding heart surgery for his seven-year-old patient. Scans, x-rays, and all diagnostic notes are sent

electronically to Dr. Willis. They have several video meetings to discuss the case. Identify the concept that describes the ability for healthcare providers and their associates, regardless of location, to swap healthcare data seamlessly and meeting all interoperability and national standards to provide patient-centered care.

a. RHIO
**b. HIE**
c. NHIN
d. ONC

Health information exchange (HIE) allows doctors, nurses, pharmacists, other health care providers and patients to appropriately access and securely share a patient's vital medical information electronically—improving the speed, quality, safety and cost of patient care.

4. Simone, the EHR Coordinator, is performing part of the annual review of HIE efficiency. Since there are several new providers in town, she wants to verify the integrity of all authorized health information that is sent and received to various healthcare organizations through the HIE.  Identify the principle that Simone is testing that describes the unified and smooth exchange of information among various healthcare providers and information systems and software applications.

a. Privacy
b. Confidentiality
c. Infrastructure
**d. Interoperability**

Interoperability is the capability of different information systems and software applications to communicate and exchange data.

5. Peter, the IT Director, has nicknamed the hospital's EHR system after the president who initiated the push for health information to be completely computerized. President _____ (and hence the nickname) is responsible for the establishment of the ONC and laying the foundation for HIE.

a. Barack Obama
b. Bill Clinton
**c. George W. Bush**
d. Donald Trump

The ONC was established in 2004 as a result of an executive order by President George W. Bush and is a permanent agency within the Department of Health and Human Services

6. Viola, the HIM Director, is discussing new hardware her department needs in order to accommodate the increased volume of electronic requests for health information. Identify the type of interoperability that Viola is addressing that deals with the functions of actual computers and other hardware used during HIE?

a. Process
**b. Technical**

c. Semantic

d. Syntactic

Technical: Based on the hardware and equipment connectivity used in the exchange, this type of interoperability allows any computer or device to exchange data with another computer or device without corrupting the data or creating errors.