

WGU C468 - Information Management and the Application of Technology Exam | Questions and Verified Answers| Scored 100%| 2023/ 2024 Newly Updated

QUESTION

What is the focus of cognitive science in nursing informatics?

Answer:

To explore the nature of knowledge and its components, development, and use

QUESTION

What is the main purpose of standardized nursing terminologies?

Answer:

They allow uniformity and easier retrieval of nursing-related data.

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QUESTION

What reduces and organizes terms for easier searches?

Answer:

Taxonomic vocabularies

QUESTION

What describes message format standards?

Answer:

To ensure data is structured the same way for the two applications exchanging data

QUESTION

A provider electronically orders blood work at a laboratory. The provider must ensure the local lab system can properly communicate with the provider's system for the results to be usable. Which is the correct term that would be found in these systems?

Answer:

Logical observation identifiers names and codes (LOINC)

QUESTION

What is the mission of the Health Level Seven (HL7) organization?

Answer:

To provide a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic healthcare information

QUESTION

Match the correct definition with the vocabulary.

Answer:

Technical interoperability = The ability to exchange the data from one point to another

Semantic interoperability = The exchange of data in which the meaning remains the same on both ends of the transaction

Process interoperability = Coordinates systems enabling business processes at the organization(s), and allowing the systems to work together

Interoperability = The ability of two or more systems to pass information between them and use the exchanged information

QUESTION

A patient is being admitted to the hospital, and the nurse is obtaining a medical history from the patient. When asking the patient for a list of her medication, the patient replies, "I already gave the ER information on my medication. Can you not look it up?" Which action should this nurse take?

Answer:

The nurse should review the home medication section in the hospital's electronic health record (EHR) to see if the information has been added and reviewed.

QUESTION

A patient is being transferred to a trauma hospital in the area. The current hospital uses a different electronic health record (EHR) than the receiving hospital. Which process allows interoperability of the health information exchange (HIE) between the two hospital systems?

Answer:

The staff at the trauma hospital will obtain the patient's Consolidated-Clinical Document Architecture (C-CDA) via the EHR by the transferring hospital.

QUESTION

When printing discharge instructions for a patient, the nurse notices the physician electronically entered the prescriptions for discharge medications. Which other form of information is needed along with this patient's discharge instructions for these medications prescribed?

Answer:

A printed document with detailed, supplemental information

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QUESTION

A nurse is to administer insulin coverage, and the electronic health record (EHR) is preventing the nurse from completing the administration documentation. Why has this occurred?

Answer:

The EHR requires the dose verification and sign-off of another nurse.

QUESTION

What is clinical decision support?

Answer:

1. It provides clinicians with suggested care information. 2. It reminds busy clinicians of items easy to forget or overlooked.