

ATI Test: Nurse's Touch: Nursing informatics and Technology

Terms in this set (30)

Which of the following illustrates the integration of informatics into a health care system to support cost containment?

- A. Offering free wireless internet access to visitors.
- B. Installing barcodes on medications with alerts for low supplies.
- C. Integrating an electronic health care record on a platform compatible with computers & tablets.

B

(This illustrates cost containment by allowing inventory management related to supply & demand, directly affecting management of medication & supply costs.)

Which of the following legislative acts stipulate that clients be allowed to see & make corrections to their health care records?

- A. Health Information Technology for Economic & Clinical Health (HITECH) Act.
- B. Health Information Portability & Accountability Act (HIPAA).
- C. American Recovery & Reinvestment Act (ARRA).

B

(one privacy rule of HIPAA is to establish client ownership of the health care record & allow for client-initiated corrections & amendments.)

Which of the following uses of technology would constitute a violation of HIPAA?

- A. Sharing a client's lab results with a consulting provider via email on the healthcare facility intranet.
- B. Charting client data on electronic health care record while at the bedside with family members present.
- C. Texting a picture of a client's wound from one nurse to another nurse related to wound care protocol.

C

(This is a violation of client confidentiality due to identifiable client assessment data shared outside the health care facility. even though the nurse sent the photo to another nurse related to wound care protocol, this is not acceptable use of technology and violates HIPAA.)

A health facility recently opened a research department to collect & analyze data related to improve client outcomes. Which of the following examples represents integration of technology to support creation of scholarly knowledge?

- A. Administration of an online survey for new nurses post-orientation regarding satisfaction with teaching methods.
- B. Electronic collection of healing times of sacral wounds post-hyperbaric treatment, with and without antibiotic administration.
- C. Piloting an instant messaging system between hand-held computers for nursing & pharmacy.

B

(This supports research through data collection examining and intervention and comparison intervention. Technology supports the timely & accurate collection & analysis of data related directly to client outcomes. This helps support the creation of scholarly knowledge)

A nurse off duty receives a photo on her cell phone from a fellow nurse who is at work. The photo shows a celebrity receiving physical therapy. Which of the following actions should the nurse take first?

- A. Make factual notes of the event that occurred.
- B. Notify the nursing administration,

C

(deleting the photo is the correct action to prevent further violation of HIPAA & is the first action for the nurse to take)

The Centers for Medicare & Medicaid Services electronically reports specific quality outcome measures based on data collected from hospitals. These data allow the public to compare hospitals that...

- A. have the best health care providers.
- B. have the most up to date surgical services.
- C. have a higher percentage of hospital acquired infections.

C

(hospital acquired infection is one of the quality outcome measures publicly reported by the Centers for Medicare & Medicaid Services - CMS- these measures hold hospitals accountable for client care & provide useful information to health care consumers when choosing hospital care)

Which of the following electronic resources should a nurse use to obtain clinical practice guidelines & interventions to reduce the risk of negative client outcomes while in a hospital?

- A. Center for Disease Control (CDC).
- B. Agency for Healthcare Research & Quality (AHRQ).
- C. Quality & Safety Education for Nursing (QSEN).

B

(AHRQ supports research designed to improve the quality of health care, including providing evidence-based guidelines.)