Informatics and Communication

Federal Acts and Communication

Which federal act was developed to promote and expand the use of health information, specifically the use of electronic health records (EHRs)?

The Health Information Technology for Economic and Clinical Health Act (HITECH)

Privacy Care Act (PCA)

Affordable Care Act

(ACA)

The Health Insurance Portability and Accountability Act (HIPAA)

The HITECH Act was developed to promote and expand the use of health information technology, specifically, the use of electronic health records (EHRs) by healthcare providers. The act encouraged hospitals and other healthcare providers to make the change from paper records to EHRs to improve efficiency and care coordination. The other options do not specifically address EHRs.

Communication

Effective communication in a high-tech environment promotes which of the following? Select all that apply.

Client-centered care

Medical errors

Optimal health outcomes

Client safety

Prevention of adverse events

Effective communication in a high-tech environment promotes client-centered, quality care, client safety, prevention of adverse events and to improve health outcomes. It does not promote medical errors but aims to prevent them through clear communication efforts.

Communication in Informatics

A group of nursing students are sharing with their professor ways to improve communication in a high-tech environment. Which points should the students share? Select all that apply.

Limits to information sharing

Use of information exchange

systems Minimal use of health

information **Interoperablity**

Use of electronic health records

Meaningful use (not minimal use) of health information, use of electronic health records, use of information exchange systems, and interoperability are ways to improve communication in a high-tech environment. Limits to information sharing can decrease our communication efforts aimed to promote communication and healthy outcomes.

Information Exchange

The purpose of health information exchange is to improve the sharing of information between health care systems to do which of the following? Select all that apply.

Reduce medication errors

Maintain medication

adherence **Decrease testing**

duplication Improve the

diagnostic process Avoid

readmissions

The purpose of health information exchange is to improve the sharing of information between health care systems to avoid readmissions, reduce medication errors, decrease testing duplication or redundancy, and improve the diagnostic process.

The purpose of health information exchange does not include maintaining medication adherence.

Exchange Systems

Identify the type of health information exchange system used in each situation below. Drag the correct answer to the boxes.

Query-based exchangeT ype of exchange system that usually occurs when unplanned care is needed, allowing a healthcare professional the ability to search accessible clinical sources for a client.

Consumer mediated exchange Type of client-driven exchange system to review, collect, and update their own healthcare records for the purpose of continuity of care.

Direct exchange Type of exchange system can be anything from a discharge summary to laboratory tests. This usually requires specialized software for both healthcare providers, and a series of protections for privacy and confidentiality**.**

Query-based exchange is a type of exchange system that usually occurs when unplanned care is needed, allowing a healthcare professional the ability to search accessible clinical sources for a client.

Consumer mediated exchange is a type of client-driven exchange system to review, collect, and update their own healthcare records for the purpose of continuity of care.

Direct exchange is a type of exchange system can be anything from a discharge summary to laboratory tests. This usually requires specialized software for both healthcare providers, and a series of protections for privacy and confidentiality.

Indirect exchange system does not exist.