

WGU INFORMATION MANAGEMENT AND THE APPLICATION OF TECHNOLOGY C468

CLINICAL INFORMATION SYSTEM Ans- -LABORATORY SYSTEM
- ORDER ENTRY SYSTEM
- MONITORING SYSTEM

information literacy Ans- This is defined as the ability to recognize when information is needed as well as the skills to find, evaluate, and use needed information effectively

Strategic Planning is driving by all of the following Ans- - organization mission and values

- short term goals
- service offered
- long term goals

a person's ht, wt, code status and date of birth are all examples of Ans- DATA

the mission Ans- is the purpose or reason for an organization existence

Strategic Planning Ans- is the development of a comprehensive long range plan for guiding the activities and operations of an organization

the foundation of knowledge model Ans- - is the basic for which knowledge is used to meet the needs of the healthcare delivery system

- it is derived from its 3 key elements of knowledge acquisition, knowledge processing and knowledge dissemination

Nursing informatics Ans- the use of technology and information to help support all aspects of nursing practices

Information Life Cycle Ans- - needs assessment phase

- system selection phase
- system implementation phase
- maintenance phase

emerging trends in healthcare Ans- - a push for patient safety

- error reduction
- additional regulatory requirements

Project Scope Ans- the size and details of a collaborative effort

NURSES ACTIVE PARTICIPATION IS IMPORTED TO ENSURE THE INFORMATION IS CURRENT AND ACCESSIBLE TO HC TEAM

why is the nurses active participation in electronic patient information important Ans- to ensure the information is current and accessible to the healthcare team

#1 NEEDS ASSESSMENT PHASE Ans- ORGANIZATION PERFORMS GAPS, ANALYSIS, DETERMINING THE NEEDS AND WANTS IN A INFORMATION SYSTEM

#2 SYSTEM SELECTION PHASE Ans- - ORGANIZATION SEEKS OUT A VENDOR COMPANY THAT OFFER THEM A SYSTEM THAT BEST FITS THEIR NEEDS.

* RFI- INITIAL CONTACT WITH A VENDOR

* RFP- PROPOSAL REQUEST

* RFQ- REQUEST FOR PRICING QUOTE

#3 SYSTEM IMPLEMENTATION PHASE Ans- - GO LIVE PLANNING

- TRAINING OF END-USERS

- EXECUTE SYSTEM CHANGES

#4 MAINTENANCE PHASE Ans- - PROBLEM SOLVING, DEBUGGING

- BACKUP FILES

- INSTALLING SYSTEM UPGRADES

ESSENTIAL COMPONENTS OF THE EHR Ans- - ASSESSMENT FINDINGS

- PATIENT DEMOGRAPHICS

- VITAL SIGNS

EXAMPLE OF A ESSENTIAL COMPONENT OF THE EHR: Ans- EVIDENCE - BASED DECISION SUPPORT

Function of EHR: Ans- BARCODE MEDICATION ADMINISTRATION (BCMA)

CPOE (Computerized Physician Order Entry) Ans- THE PROCESS BY WHICH THE DR OR PROVIDER ENTERS ORDERS ELECTRONICALLY INTO THE EHR

A BENEFIT OF THE EHR IS THAT IT CAN PROVIDE PATIENT SUPPORT, GIVE A EXAMPLE OF PT SUPPORT Ans- EDUCATION MATERIAL SUCH AS FOR REDUCING SODIUM INTAKE

BENEFITS TO USING THE EHR Ans- Reduces medication errors, improves provider documentation

HEALTH INFORMATION SYSTEM Ans- - ADMINISTRATIVE INFORMATION SYSTEM

- CLINICAL INFO SYSTEM

PRIMARY FUNCTIONALITY IN CONTRAST TO THAT OF A HEALTH INFORMATION SYSTEM Ans- TO PROMOTE PATIENT SAFETY

AN EXAMPLE OF A BARRIER TO PATIENT CENTERED CARE Ans- WAITING UNTIL THE END OF THE SHIFT TO DOCUMENT YOUR PATIENT ASSESSMENTS INTO THE EHR

CLINICAL INFORMATION SYSTEM Ans- - LABORATORY SYSTEM

- PHARMACY SYSTEM

- CLINICAL DOCUMENTATION SYSTEM

ADMINISTRATIVE INFO SYSTEM Ans- - REGISTRATION SYSTEM

- FINANCIAL SYSTEM

- SCHEDULING SYSTEM

CONNECTION NEEDED TO ACCESS THE EHR WHEN AN INTERNET CONNECTION IS LOST Ans- LOCAL AREA NETWORK ACCESS(LAN)

potential challenges can occur when implementing an EHR THROUGHOUT A MEDICAL CENTER WITH VARIOUS OUTPATIENT CLINICS Ans- standardization of data /diff data needs for each outpatient clinic

how does the EHR help patients receive quality care when going from one facility to another Ans- It allows healthcare professionals to see what the patient has been receiving therapy providing the appropriate treatment

What patient info would a nurse retrieve from the EHR Ans- - Immunization history

- CT scan results

- Patients date of birth

THE EHR Ans- IS A LONGITUDINAL ELECTRONIC PATIENT RECORD OF ALL HEALTHCARE ENCOUNTERS

WHICH 2 ITEMS COULD THE RN USE TO ACCESS A PATIENT'S MEDICATIONS FROM A MED ADMINISTRATION SYSTEM SUCH A PYXIS Ans- - BARCODE ID/EMPLOYEE BADGE

- BIOMETRICS SUCH AS A FINGERPRINT

THIS ACRONYM IS USED TO REFER A STANDARD OF INTEROPERABILITY AND THE EXCHANGE OF CLINICAL DATA? Ans- HL7 (HEALTH LEVEL 7)

CLINICAL INFORMATION SYSTEMS ARE EFFECTIVE FOR ALL THE FOLLOWING REASON? Ans- - THE INFO RETRIEVED CAN BE TO FOSTER RESEARCH
- IMPROVES NURSING DOCUMENTATION COMPLIANCE
- IT CAN IMPROVE CLINICIAN WORKFLOW

ADMINISTRATIVE INFORMATION SYSTEM Ans- - SCHEDULING SYSTEM

- FINANCIAL SYSTEM

- ADMISSION, DISCHARGE AND TRANSFER (ADT) SYSTEM

WHY IS IT IMPORTANT THAT DEPARTMENTS COLLABORATE WITH ONE ANOTHER WHEN SELECTING A HEALTH INFORMATION SYSTEM? Ans- COLLABORATION LEADS TO KNOWLEDGE SHARING

THE DEVELOPMENT OF STANDARDIZED TERMINOLOGIES IN NURSING INFORMATICS IS DRIVEN BY THE FOLLOWING PRINCIPLES? Ans- ACCESSIBILITY, LONGEVITY AND REUSABILITY

PERIOPERATIVE NURSING DATA SET (PNDS) Ans- Which nursing terminology contains a nursing diagnosis, interventions and outcomes specific to the perioperative experience

THE DEVELOPMENT OF STANDARD TERMINOLOGIES IN NURSING INFORMATICS IS DRIVEN BY THE FOLLOWING PRINCIPLES

ACCESSIBILITY, UBIQUITY, LONGEVITY AND REUSABILITY

health info systems Ans- -LABORATORY SYSTEM

- PHARMACY SYSTEM

- REGISTRATION SYSTEM

WHY ARE STANDARDIZED TERMINOLOGIES IMPORTANT TO NURSING Ans- THEY IMPROVE COMMUNICATION AMONG INTERDISCIPLINARY TEAMS

WHY IS IT IMPORTANT TO SECURE STAFF NURSES ACTIVE PARTICIPATION WHEN IMPLEMENTING A HEALTH INFO SYSTEM? Ans- NURSES KNOWLEDGE OF CURRENT PATIENT CARE WORKFLOW MAY IMPROVE IMPLEMENTATION DECISIONS

HEALTH INFO SYSTEMS IS A Ans- GROUP OF SYSTEMS USED WITHIN A HOSPITAL THAT SUPPORT AND ENHANCE HEALTHCARE

ADMISSION
DISCHARGE