

Essential Nursing Informatics Series

Essential Nursing Informatics: Introduction M286A

Informatics has been called the intersection where health and information technology meet. Informatics connects healthcare professionals with information they need to both promote and provide a higher quality of care, as well as patient safety. But what, exactly is nursing informatics? This program provides an overview of the essential elements of nursing informatics, and how informatics can be used with a focus on patient care. After viewing the program, the learner will be able to:

- Define nursing informatics
- Describe how the American Recovery and Reinvestment Act spurred the growth of electronic medical records
- Explain the difference between computer hardware and software
- Describe five general types of informatics technology used for patient care

DVD runtime: 22 min. © 2017

Essential Nursing Informatics: Impact on Healthcare and Quality Initiatives M286B

Nursing informatics can increase accurate communication, help create an environment of greater efficiency, and help reduce errors resulting in improved patient safety. In many ways, the backbone for these improvements is the electronic health record (EHR). This program provides an overview of the essential elements of nursing informatics, and describes how EHR works with informatics to improve patient care. After viewing the program, the learner will be able to:

- List and explain the positive impacts of informatics in healthcare for the patient, facility, and personnel
- Describe different examples of quality initiatives to better improve the function of the healthcare system
- Discuss how technology has advanced the field of healthcare to make it more efficient
- Explain how to use different forms of technology for better quality service in healthcare

DVD runtime: 19:30 min. © 2017

Essential Nursing Informatics: Impact on Nursing M286C

Technological advances have improved different sectors within society, and informatics has done this for nursing. This improvement has led to better systems that leave less margin for error, and its impact can be seen within the field of nursing. This program provides an overview of the essential elements of nursing informatics, and how informatics can be used with a focus on patient care. After viewing the program, the learner will be able to:

- Explain how informatics has revolutionized the field of nursing
- Delineate the details of the Technology Informatics Guiding Education Reform (TIGER) guidelines
- Differentiate between the role of an informatics nurse (IN) and an informatics nurse specialist (INS)
- List the duties of informatics nurses as project managers

DVD runtime: 26 min. © 2017

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