Public Health & Information Technology

Lecture 3

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The Dimensions of Health Informatics

1- Information and Communications Technology (ICT)

2- Health Information Management (HIM)

3- Health Information Technology (HIT)

key principles of (ICT)

1- Facilitate appropriate consumer use of health information and communication technologies.

2- Integrate data quality for using and management of information systems.

3- Address information, business, and technical requirements to meet the full range of stakeholders' information needs

key principles of (ICT)

4- Contribute to the selection and utilization of appropriate information technologies to meet business requirements

5- Apply appropriate health informatics standards

6- Apply knowledge of health data and information for technology solutions

7- Follow best practices and implement solutions for the security of data, systems, devices and networks

key principles of (HIM)

1- Promote an information culture by using information and knowledge

2- Facilitate individual, team, interdisciplinary and organizational learning and development.

3- Use quality improvement and process engineering to facilitate business

key principles of (HIM)

4- Contribute to ongoing evaluation of the functionality of systems

5- Apply principles of change management in the health information system

6- Assess safety, privacy and other risks associated with health information system.

key principles of (HIT)

1- Apply knowledge of basic clinical and biomedical concepts

2- Demonstrate knowledge of analysis, design, development and

implementation of health information systems

3- Demonstrate an understanding of relationships between key health information technology components

4- Facilitate clinicians' use of electronic decision support tools

key principles of (HIT)

5- Address the challenges related to the use of information systems and technology in the health sector

6- Promote the safe and appropriate use of health information technologies to ensure patient safety

Good Luck for All Students

- Please do not hesitate to contact me if you have any questions.

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سبحان الله وبحمده سبحان الله العظيم

ذكر الله أعظم ما في الوجود ،، لعل الله يرحمنا بعلم تعلمناه في الحياة الدنيا

أستغفر الله