Evolution & History of health information management
DEFINITIONS

• Information system—an arrangement of—
  – Data
  – Processes
  – People
  – Technology
that interact to collect, process, store, and provide as output the information needed to support the organization.
In 1918: American College of Surgeons Hospital Standardization Program required hospital to keep “accurate and complete medical records for all patients, filed in an accessible manner”.

In 1928: The health information industry has been around when the American College of Surgeons (ACOS) sought to increase and improve the standard of records.
In **1941**: American College of Surgeon achieved their plan by establishing the American Association of Record Librarians.

In **1970**: The American Association of Record Librarians name changed to American Medical Record Association.

In **1991**: From that time up to date the name changed to American Health Information Management Association (AHIMA).
PATIENT RECORDS: PROCESSING AND HANDLING

*Efforts improved over time

-Early efforts included:

*Analyzing patient charts for deficiencies and obtaining missing items
*Tracking, storing, retrieving, and indexing charts
*Creating forms committees to standardize what appeared on specific forms (now called *forms control*)
EVOLUTION OF HIM

Caused by:

- Regulatory reporting, billing, accreditation requirements made it increasingly necessary to be able to abstract, aggregate, and report information collected from patient charts HIM functions
- Computerization of health information
- In 1991 (IOM) Institute Of Medicine mandate for creation of “an electronic patient record”
Health Informatics System:

HIS is an information system that uses computers, communication equipment, and programs to collect, store, process, retrieve, and communicate patient care and administrative information.
HIS GROUPS OF PERSONS:

HIS must consider all groups of persons: ✗

- physicians
- nurses
- administrative staff
- technical staff
- health informaticians
- patients
- supplier
HOSPITAL INFORMATION SYSTEM:

- Registration
- Consulting
- Ward
- Nursing
- Stores & Purchase
- Diet & Kitchen
- Pharmacy
- OT
- Blood Bank
- Laboratory
- Radiology
- And more...
ADVANTAGE OF HIS:

Accuracy, fast track-, accessibility- help decision making

1- Reducing paperwork. **HOW?**
   by eliminating the need for handwritten medical records

2- Reducing medical errors. **HOW?**
   by transmitting accurate information electronically and eliminating mistakes due to misreading of your doctor’s handwriting
3- Reducing health care costs. **HOW ?**
   by decreasing the need for repeat medical tests by different doctors and eliminating storage space and staff time to maintain medical records

4- Improving your quality of care and Improving patient safety . **HOW ?**
   by decreasing medical errors and assuring that all your health care providers have accurate and timely information
THE EXCELLENT HIS:

HIS should provide:

- The Right information and
- The Right knowledge
- At the Right time
- In the Right place
- To the Right people
- In the Right form

so that these people can make

- The Right decisions
The goal of HIE is to facilitate access to and retrieval of clinical data to provide safer, more timely, efficient, effective, equitable, patient-centered care.
Thank you