Hospital Information System

What is HIS?

A hospital information system (HIS) is a computer system that can manage all the information related to health care providers allowing them to do their job effectively. They were introduced in the 1960s and have changed over time. Computers weren't as fast in the past as they are today and they were not able to provide information in real time. The staff used them primarily for managing billing and hospital inventory.

A good HIS gives a number of benefits to a hospital such as the delivery of quality patient care and financial management. HIS should be focused on patient and medical staff; above all else, it must be affordable and practical. [1]

History of HIS

In the 1960s, computers and storage were large and expensive hospitals usually shared their networks with each other. The main thing that was emerging was hospital accounting systems.

This began to improve in the 1980s, Computers started to become smaller and much cheaper and quicker. Hospitals are now able to get a large amount of information from both clinical and financial systems

Finally in the 2000s, technology has significantly advanced at this point; it allowed hospitals to create applications that would assist in commercial and real-time decisions. Furthermore the software had become much more accessible due to the wide spread use of personal computers [2]

EMR

An electronic medical record is a digital version of the paper based medical record for an individual. The information can be shared safely among hospital systems, this ensures that the data is always at the hands of a qualified medical adviser, and privacy is secure.

References

1. http://www.emrconsultant.com/emr-education-center/emr-selection-and-implementation/hospital-information-systems-his/
2. https://www.healthcatalyst.com/healthcare-information-systems-past-present-future