

6th International Conference on

Medical Informatics & Telemedicine

July 05-06, 2018 | Berlin, Germany

INFORMATION SECURITY AND PATIENT PRIVACY: CRUCIAL ISSUE IN HEALTHCARE MANAGEMENT

Pinar Kilic Aksu^a and Gonca Mumcu^b

^aYeditepe University, Turkey

^bMarmara University, Turkey

Technologies for information security are actively used in organizations where information is intensely used. Information security covers the entire process of protection, processing and transmission of information within organizations. The information security process starts with a security policy designed to protect the organization's general assets. Information security policies include rules and practices on obligations of employees, the use of security control instruments and the management of process.

In healthcare management, information management systems provide the information needed at each stage of processes related to health care activities.

Hospital Information Management Systems (HIMS) are an example for the use of information and communication technology in healthcare. Hospitals are complex structures where multiple functions are carried out together. As well as keeping a complete medical record, basic functions of hospital information management system can be listed as keeping financial records, using resources properly, increasing the service quality, provision of information support for important decisions for clinicians and managers. In this frame, information security and patient privacy are critical points for these functions in healthcare management.

Biography

Pinar Kilic Aksu is a Dentist and an expert in Healthcare Management. She has her MSc and PhD degrees on Health Management. She is Head of the Health Care Management Department in Yeditepe University. She is interested in Information Security and Patient Privacy especially.

pinarkilicaksu@yahoo.com

Notes: