Abstract

This paper presents a healthcare collaborative framework for chronic disease management in Gulf region. Advances in information technology have great impact on the quality of patient care. In Middle East and the growing economy countries the availability of medical experts is also a concern. One of the good solutions is to use clinical information systems (CIS) which improves the quality of patient care. Medical Sensors can be used for monitoring physiological parameters for the patients. Disease management issues and metabolic process of diabetics are analyzed in the paper in detail. Collaboration framework is suggested for health care management system.

References


- Dinesh Kumar Saini “Sense the Future”; Campus Volume 1- Issue 11, Page No14-17, February 2011.


- Anton F Casparie, Emmy M. Sluijs, Cordula Wagner, Dinny H de Bakker, Quality systems in Dutch health care institutions Health Policy, Volume 42, Issue 3, December 1997,

**Index Terms**

Computer Science  
Information Systems

**Keywords**

Health information systems  
Collaborative framework  
Clinical information systems  
Chronic disease management