Abstract

The aim of this paper is to investigate clinical pathways as a tool to improve the healthcare quality, is a need for a method to improve patient safety, healthcare quality, and efficiency of medical activities, in healthcare there is a change in the method of looking to the services, the services in healthcare shifting from structure to process to outcomes. Result from investigating literature review reveal characteristics of clinical pathways and the method of presentation will improve healthcare quality. A set of characteristics of clinical pathways and the benefits will give researcher a clear idea to implement it. Ontology and knowledge management are the suitable methods to develop and implement clinical pathways.

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**Index Terms**

Computer Science  
Information Sciences

**Keywords**

healthcare quality characteristics benefits knowledge management ontology.