



中药上市后再评价HIS“真实世界”集成数据仓库的设计方法探讨

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中文摘要:目的:探讨利用医院信息系统数据的集成构建涵盖广泛的用于药物上市后再评价的大型数据库系统的可行性和必要性,为中药上市后再评价HIS(hospital information system)集成数据仓库的构建提供总体设计思路和方法。方法:通过对国内外利用电子信息系统开展基于真实世界的临床试验设计的分析和对比,结合我国医院信息系统的特性,从设计思路、设计特点、存在问题和解决办法等几个方面对总体架构进行设计和探讨。结果:提出了中药上市后再评价HIS集成数据仓库的设计方案,指明了建设的途径和方法。结论:提出的中药上市后再评价HIS集成数据仓库的设计方案具有高内聚低耦合、安全、通用、高效、可维护性好的特点,可以有效解决多家医院HIS数据集成过程中的问题和挑战,具有实用价值。

中文关键词:[真实世界](#) [医院信息系统](#) [数据仓库](#) [数据挖掘](#) [抽取转换加载](#) [可操作数据存储](#)

Designs and thoughts of real world integrated data warehouse from HIS on re-evaluation of post-marketing traditional Chinese medicine

Abstract:Objective: To discuss the feasibility and necessity of using HIS data integration to build large data warehouse system which is extensively used on re-evaluation of post-marketing traditional Chinese medicine, and to provide the thought and method of the overall design for it. Method: With domestic and overseas' analysis and comparison on clinical experiments' design based on real world using electronic information system, and with characteristics of HIS in China, a general framework was designed and discussed which refers to design thought, design characteristics, existing problems and solutions and so on. Result: A design scheme of HIS data warehouse on re-evaluation of post-marketing traditional Chinese medicine was presented. Conclusion: The design scheme was proved to be high coherence and low coupling, safe, Universal, efficient and easy to maintain, which can effectively solve the problems many hospitals have faced during the process of HIS data integration.

keywords:[RWS](#) [HIS](#) [data warehouse](#) [data mining](#) [ETL](#) [ODS](#)

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