

某医院儿童疫苗接种子系统的开发

摘 要

在某医院的儿童疫苗接种工作中存在接种信息管理规范性差、疫苗接种流程执行效率低、接种数据互通共享不力等问题，且该医院优化疫苗接种体系需求迫切。因此开发了医院儿童疫苗接种子系统，该系统中实现了疫苗管理、接种管理、查询统计等模块，通过疫苗管理模块实现对疫苗信息的新增、复制等功能，全面完整管理所有疫苗信息；通过接种管理模块实现建立儿童接种卡、录入预防接种信息、管理社保卡等功能；在查询统计模块中实现了查询接种日志、儿童个案等功能。

系统开发中利用到 B/S 架构、MVC 模式、Mysql 数据库等技术，确定系统前后端交互以及后台数据的保存处理形式。在建立疫苗接种信息化系统的基础上为医院合理开展疫苗接种工作提供了现代化手段，通过规范接种疫苗流程实现接种工作的高效开展，在智能化管理接种疫苗数据的同时建立标准化的疫苗数据处理方式，深度挖掘接种疫苗数据内在价值并为管理部门优化疫苗接种体系提供充分且有效的依据，从整体上优化该医院的疫苗接种体系。

关键词： 疫苗管理；接种管理；查询统计

ABSTRACT

In the vaccination work of children in a hospital, there are some problems, such as poor standardization of vaccination information management, low efficiency of vaccination process implementation, ineffective sharing of vaccination data, etc., and there is an urgent need for the hospital to optimize the vaccination system. In this system, modules such as vaccine management, vaccination management, query statistics and so on are realized. Through the vaccine management module, functions such as adding and duplicating vaccine information are realized, and all vaccine information is completely managed. Through the inoculation management module, the functions of establishing children vaccination card, inputting vaccination information and managing social security card are realized. The function of inquiring vaccination log and children case was realized in the inquiry statistics module.

In the system development, B/S architecture, MVC pattern, Mysql database and other technologies are used to determine the interaction between the front and back ends of the system and the storage and processing form of the background data. In establishing vaccination information system for hospital on the basis of reasonable vaccination work provides modern means, through the efficient work of process implementation specification vaccination vaccine immunization, the intelligent management of vaccination data at the same time establish a standardized vaccine data processing methods, the intrinsic value of the depth data mining vaccination and vaccination for management optimization system to provide sufficient and effective basis, on the whole optimization of the hospital system of vaccination.

Keywords: Vaccine management; Inoculation management; Query statistic

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