

A Framework for Integrating Information of Clinical Care into Patient Education for Diabetes

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Abstract

This paper presents a framework for integrating the information of clinic care into patient education materials and supporting the access from Internet. The authors have designed and implemented a web based patient education information system for diabetes. The system can automatically download a patient's medical services records, prescriptions laboratory tests results and his/her patient education materials, and organize them into a series of case folders based on his/her medical service history in a hospital. The system can also provide patients reminders to call for return to their hospitals for further treatment under certain conditions such as one week before their appointments, the period of their HbA1C test if it is more than three months and emergency call for anomaly of a laboratory test result. It is expected that the system can assist patients to acquire the diabetes knowledge and skills for self care, and to increase the return rate for follow-ups.