A Care system watching elder people in home for the Integrated Community Care System

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Recently, the aging society in Japan has been proceeding very rapidly. The increase of the cost for caring elder people has become serious problem. Ministry of Health, Labor and Welfare, which is the Japanese government agency, announced the concept of the Integrated Community Care System aiming at integration of hospital care, care house and home care. The purpose of this paper is to develop a care system watching elder people in home for the Integrated Community Care in the aging society of Japan.

In order to develop this home care system, firstly the requirements for the care system were corrected. We joined the MCN (Memory care network, Nomi) activity, which is organized by Nomi city. Various business people related to elder people care system such as doctors or care managers join this activity and discuss about the desirable vision of the Integrated Community Care System for Nomi city. Based on the discussions of MCN, we found that the care system watching elder people in home is indispensable for the Integrated Community Care System. Then, we developed the concept of the system and the prototype system using the Google environment.

Elder people can categorize into several patterns, such as a terminal patient, elderly people with dementia, and so on. I create a persona model depending on patients for

defining suitable care subjects. According to this persona model, various information about the target patient such as face sheet information, physical status, living conditions, current situation data, is corrected and stored in the database of the care system. By using these data, care managers or doctors can share the current situation about each participant and can be given the alert and remind information through analyzing corrected data. The developed prototype system was evaluated through experiments in our research laboratory. Also, people in MCN evaluated this prototype system very positively.

The developed system will be evaluated in actual elder people care situation in Nomi city. This system is expected to realize the Integrated Community Care System in Nomi effectively and contribute the elderly welfare in the region.