



Overview of National PHR in Korea: Introduction of South Korea's National PHR Portal, My Health Bank

Jae-Woo Lee, Kyung-Hee Cho

NHIC Ilsan Hospital, Yonsei University, Korea

Objective: The objectives of this study was to develop and to construct a national PHR portal, My Health Bank, based on the resources of the national health insurance that are joined by the whole nation.

Method: It was developed to load the user's medical history and health information records. And also it was developed for the users to predict self-health risks and to receive a customized prescription, based on the results of the national health screenings, and by letting the individual enter personal health information.

Results: It is possible to find the medical care records and medication information in the National PHR. It was loaded with a life style improvement program for those with obesity, smokers and patients with metabolic syndrome, DM, hypertension, etc., and developed such as health-age model, stroke prediction model and cardio-vascular disease prediction model and provided individually customized programs and health counseling.

Conclusion: Through loading the record of medical services used by each person of the national citizens, it enabled the health care institutions to check the patient information. Further, it is planned to develop as the customized-based personal health record, that is to be combined to the Big Data, and also planned to add a function that the information can be available from the smart phones in the future.