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NSC (New Songdo City: Newly Developed City as Free Economic Zone in South Korea) Ubiquitous Healthcare Project: Developing Prospective Health Management Model, Integrating On-line and Off-line Healthcare Service

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Abstract and objective

We are developing and will operate advanced Information Technology based health management program for 10,000 families at NSC, and want to share our idea and experience with members of IMIA.

Keywords :

telehomecare, ubiquitous healthcare, prospective medicine

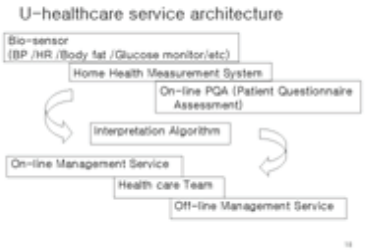
Background

Ubiquitous Healthcare Service is a Mega Trend

- Increasing interest of consumers toward health & well-being
- High speed ñ innovation of IT environment
- Rapid progress to Aging Society & Increasing prevalence of Chronic Disease
- Cost-benefit issues about traditional healthcare

Methods

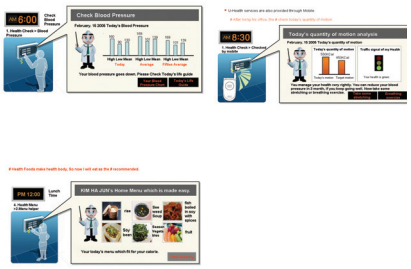
Figure 1 - U-healtcare service architecture

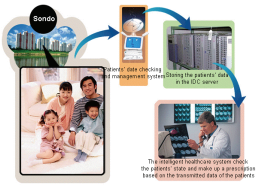


Developing device for telehomecare

Results and conclusions

Examples of Developing web pages for on-line service





Service Outline and Anticipated Benefit

- U-Healthcare service is composed of U-Healthcare device and Service Application. U-Healthcare device gather customerís vital sign and it transmit that information to IDC Center Server.
- Intelligent Healthcare system, which is installed On IDC Server, check the information periodically, and give some advices, code of conduct and many contents.
- U-Healthcare Service consist of Online Service and Offline Service.
- Online Services are measurement and response Service and Contents Service. Offline services support Online Service
- We expect our experience will contribute to developing ì prospective healthmanagement model ì and might increase health status of our subjects.