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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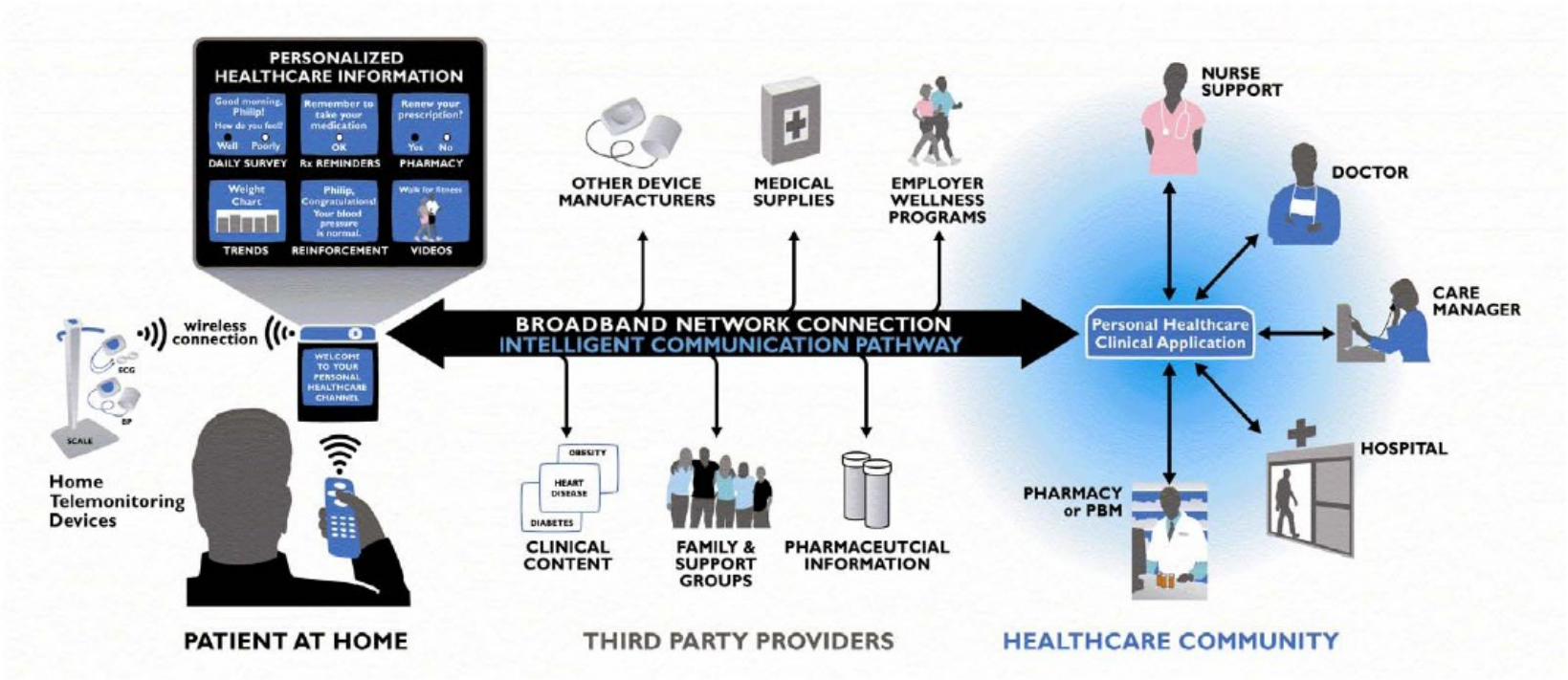
Service Concept



- 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.

- Background

Ubiquitous Healthcare Service is a Mega Trend

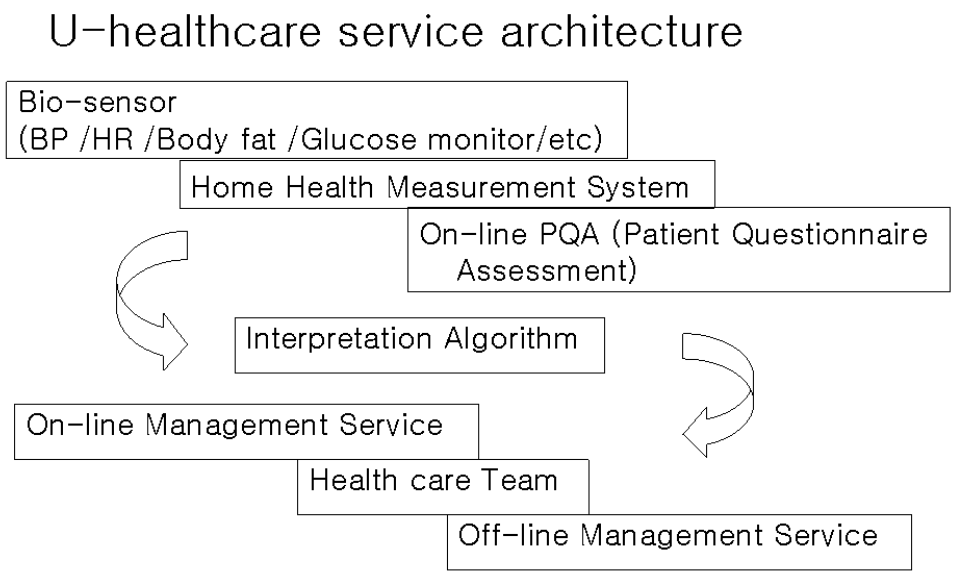
Increasing interest of consumers toward health & well-being

High speed – innovation of IT environment

Rapid progress to Aging Society & Increasing prevalence of Chronic Disease

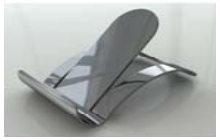
Cost-benefit issues about traditional healthcare

Methods

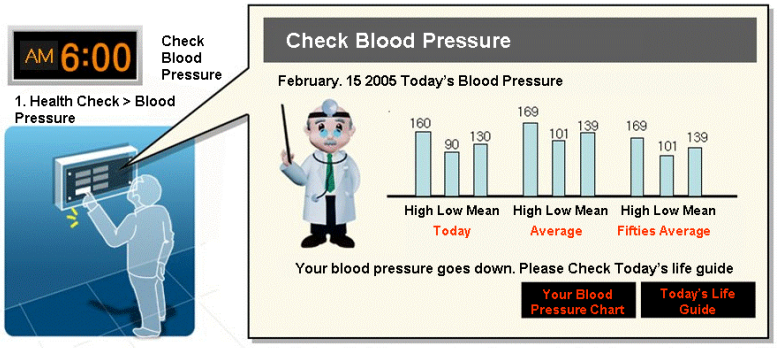

U-healthcare service architecture
Bio-sensor
(BP /HR /Body fat /Glucose monitor/etc)
Home Health Measurement System
On-line PQA (Patient Questionnaire Assessment)
Interpretation Algorithm
On-line Management Service
Health care Team
Off-line Management Service

- Results & Conclusions

Developing Device for Telehomecare

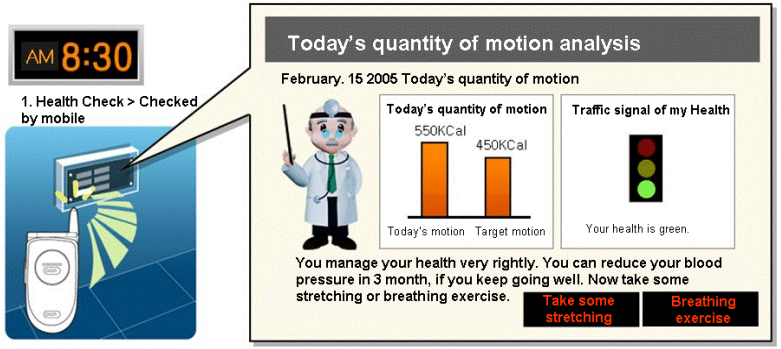


- *Examples of Developing web pages for on-line service*



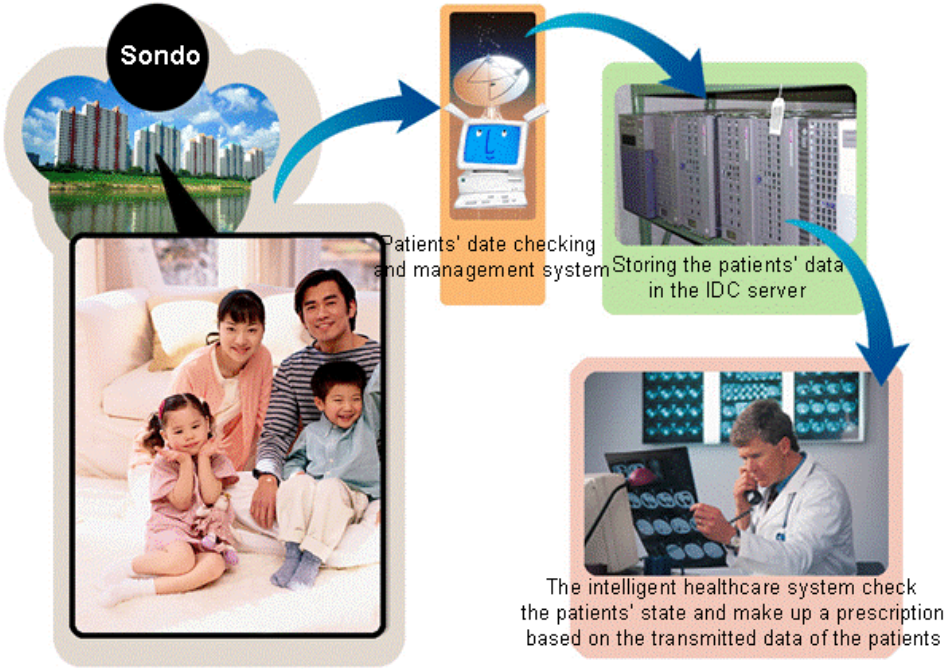
- U-Health services are also provided through Mobile.

After living his office, the # check today's quantity of motion.



Health Foods make health body, So now I will eat as the # recommended.

- *Service Outline and Anticipated Benefit*



1. *U-Healthcare service is composed of U-Healthcare device and Service Application. U-Healthcare device gather customer's vital sign and it transmit that information to IDC Center Server.*

2. *Intelligent Healthcare system, which is installed On IDC Server, check the information periodically, and give some advices, code of conduct and many contents.*

3. *U-Healthcare Service consist of Online Service and Offline Service.*

4. *Online Services are measurement and response Service and Contents Service. Offline services support Online Service*

5. *We expect our experience will contribute to developing " prospective healthmanagement model " and might increase health status of our subjects.*

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