3.11 Project Outline

3G wireless

network

To improve access to healthcare, enable remote home health management, using 3G wireless technology.



Mountainous area



Snowy area

Blood pressure, distance walked, and

body weight measured at home

⇒ Send Data



Internet





Specialist





Support health management and provide healthcare services through checking of health status at home

DB

Patients with lifestyle-related condition and people with potential risks

More will be explained in the demo.

What sort of 3G communication equipment is provided?

Special-purpose communication device



Built-in CDMA1X module

The 3G wireless network is used to store health data in real time on the Internet

Lifestyle converter

USB connection

Simple design with no need for complicated operations

- After measurements are done, users just need to connect the device to their instrument, switch on, and press the Send button.
- Can be used by anyone, as it doesn't depend on type of mobile phone or PC, or on IT literacy.
- Has proven record of introduction in strategic research by Ministry of Health, Labour, and Welfare.

Healthcare equipment and medical instruments that are supported

Health Counter (Omron)



HJ-710IT

Scale and body composition meter



(Omron) HBF-354IT

Digital automatic blood pressure meter (Omron)



HEM-7080IT

Blood sugar self-checker Johnson & Johnson Medical



One-Touch UltraTM