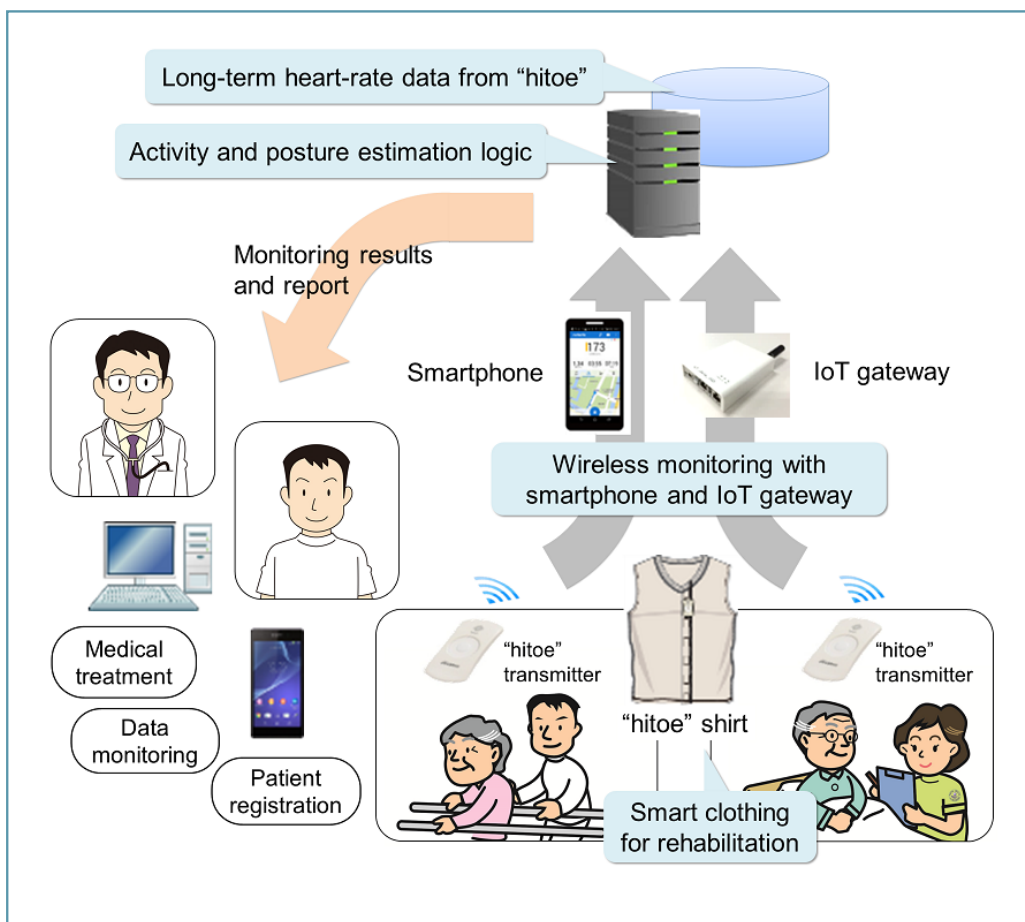## Visualizes activity and condition of patients

Abstract

- We have developed an activity monitoring system for rehabilitation that consists of a wireless monitoring system with hitoe® clothing and activity estimation logic.
The system continuously monitors the heart rate and activity of patients in rehabilitation.

Long-term heart-rate data from "hitoe"

Activity and posture estimation logic

Monitoring results and report

Smartphone

IoT gateway

Wireless monitoring with smartphone and IoT gateway

Medical treatment

Data monitoring

Patient registration

"hitoe" transmitter

"hitoe" shirt

"hitoe" transmitter

Smart clothing for rehabilitation

Features

- Precise activity and posture estimation logic for patients.
- Wireless data monitoring system with numerous smartphones and IoT gateways.

Application Scenarios

- Inpatient activity monitoring at hospital or rehabilitation facility.

Collaboration Partner

Fujita Health University, Toray Industries, Inc.

Fujita Health University, Toray, NTT DOCOMO and NTT have been working on the joint experiment of an activity monitoring system for rehabilitation.

Fujita Academy Incorporated Educational Institution
FUJITA HEALTH UNIVERSITY   'TORAY'

NTT   docomo