

Technologies to support cardiac rehabilitation

IOWN ACCELERATION

IOWN Evolution Well-being · Lifelong Health Support



Background

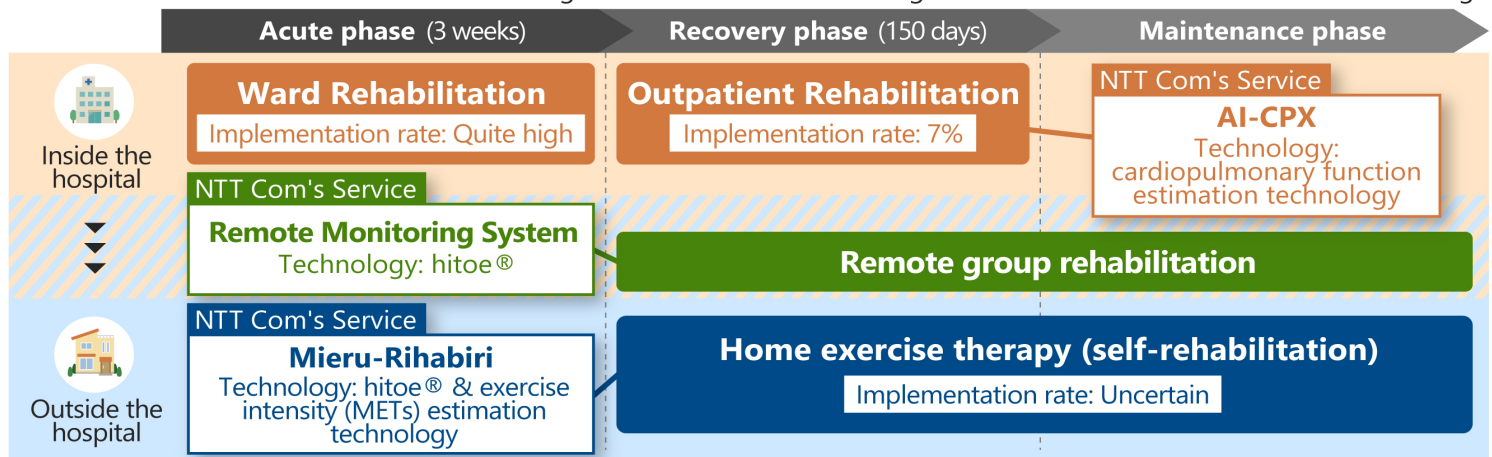
Cardiac disease is the second leading cause of death in Japan. Cardiac rehabilitation is effective in preventing its recurrence, but the outpatient implementation rate is very low at 7%. This is due to the environment that makes it difficult for patients to continue rehabilitation.

Summary

Three services are realized with hitoe, Exercise intensity and Cardiopulmonary function estimation technology. Mieru-Rehabiri, an application enables cardiac rehabilitation anywhere, "Remote Cardiac Monitoring System," enables group cardiac rehabilitation remotely; and "AI-CPX," makes CPX easy.

Exercise implementation status of Patients with Cardiac Disease and NTT Com's Service

■ Insurance coverage ■ Out of insurance coverage ■ Under consideration for insurance coverage



Features

- Advanced machine learning-based cardiopulmonary function estimation technology
- The only domestic self-rehabilitation support app that utilizes "METs" (exercise intensity)
- A multi-location, real-time remote cardiac monitoring system that supports multiple individuals simultaneously

Future_benefits

These services solve the challenges of cardiac rehabilitation and create an environment where rehabilitation can be undertaken anytime, anywhere without worry.

Collaboration partners

Sakakibara Heart Institute, St. Marianna University School of Medicine, Showa University, St. Luke's International University, Yokohama City University

Exhibiting Company

NTT Communications Corporation, NIPPON TELEGRAPH AND TELEPHONE CORPORATION, NTT TechnoCross Corporation

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