



# Provide personalized rehab menu and support one's active and safe life



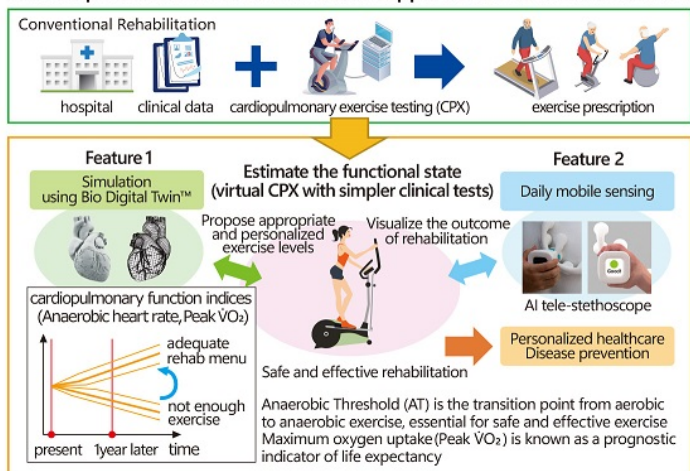
## Background

NTT is developing a Bio Digital Twin™ (BDT), a precise mapping of each person's body and mind. Since cardiovascular diseases are a major health issue, we have embarked on creating a BDT of the cardiovascular system, which enables personalized healthcare.

## Summary

Cardiopulmonary exercise testing (CPX) is a primary exam for assessing the functional state of one's cardiovascular system, but it can only be done in limited facilities. We developed a method of accurately estimating the functional state on the basis of simple exams without CPX.

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## Feature 1

The method suggests appropriate and personalized exercise levels in daily rehabilitation from age, physique, blood tests, and ECG

## Feature 2

Daily mobile sensing technology, including hitoe® and AI tele-stethoscope, visualizes the outcome of rehabilitation

## Future benefits

We support one's personalized healthcare through vivid information analyses on one's physical condition and environment.

## Collaboration partners

Sakakibara Heart Institute

## Related Exhibits

B-F02

## Exhibiting Company

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

## Contact

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