



PRESS RELEASE (2026/10/29)

Kyushu University and Cipher Core advance preparations for preventive healthcare pilot in Bangladesh

A Secure Digital Platform for Preventive Care initiative showcased at JETRO's October 28 economic forum in Tokyo in the presence of Bangladesh's Prime Minister

Fukuoka, Japan—Kyushu University and Cipher Core, a Japanese information security company providing security and financial technology solutions, have signed a joint-research agreement and begun preparations for a preventive healthcare pilot in Bangladesh under the Healthy Bangladesh initiative. By combining mobile community health screening, AI-powered digital health tools, telemedicine, and lifelong electronic health records (EHRs), the initiative aims to help shift healthcare from treating illness to preventing it.

The project was showcased at the Japan External Trade Organization's (JETRO) economic forum in Tokyo on October 28, 2026, in the presence of the Prime Minister of Bangladesh. The presentation highlighted opportunities for Japan–Bangladesh cooperation in healthcare.

At the heart of the proposed pilot is a portable health clinic system to bring health screening and access to remote medical consultations closer to communities. It builds on 17 years of multidisciplinary research at Kyushu University into digital approaches to preventing and managing noncommunicable diseases and supporting maternal and child health. This work has brought together researchers and healthcare professionals from Kyushu University's [Faculty of Information Science and Electrical Engineering \(ISEE\)](#), [Faculty of Medical Sciences](#), [Institute for Asian and Oceanian Studies \(Q-AOS\)](#), [Data-Driven Innovation Initiative \(DDIn²\)](#), and other university units.

Representatives from Kyushu University, Cipher Core, and Bangladesh's Ministry of Health and Family Welfare (MoHFW) have held approximately five meetings in Dhaka and Tokyo to prepare for the pilot.

The project team explained the preventive-care concept, presented the proposed delivery plan, and demonstrated the portable health clinic system at the ministry's request. These activities helped clarify the proposed approach and implementation requirements.

A formal tripartite agreement involving MoHFW remains under preparation. Pilot implementation will depend on completion of the necessary agreements, applicable approvals, and site preparations.

Kyushu University and Cipher Core will continue discussions with MoHFW and engage Japanese medical device manufacturers that have expressed interest in collaboration. The partners aim to clarify implementation arrangements and explore opportunities to apply Japanese healthcare technologies in Bangladesh. Through this initiative, the partners seek to establish a practical foundation for sustained Japan–Bangladesh cooperation in preventive healthcare.

“Through years of multidisciplinary research and pilot projects in 10 countries, we have combined advanced technology with an understanding of local culture to design a robust preventive care system. This collaboration offers an opportunity to bring that approach closer

to communities in Bangladesh, with plans to extend it to other Asian and African countries,” says [Dr. Ashir Ahmed](#), Associate Professor at Kyushu University’s [Faculty of Information Science and Electrical Engineering](#).

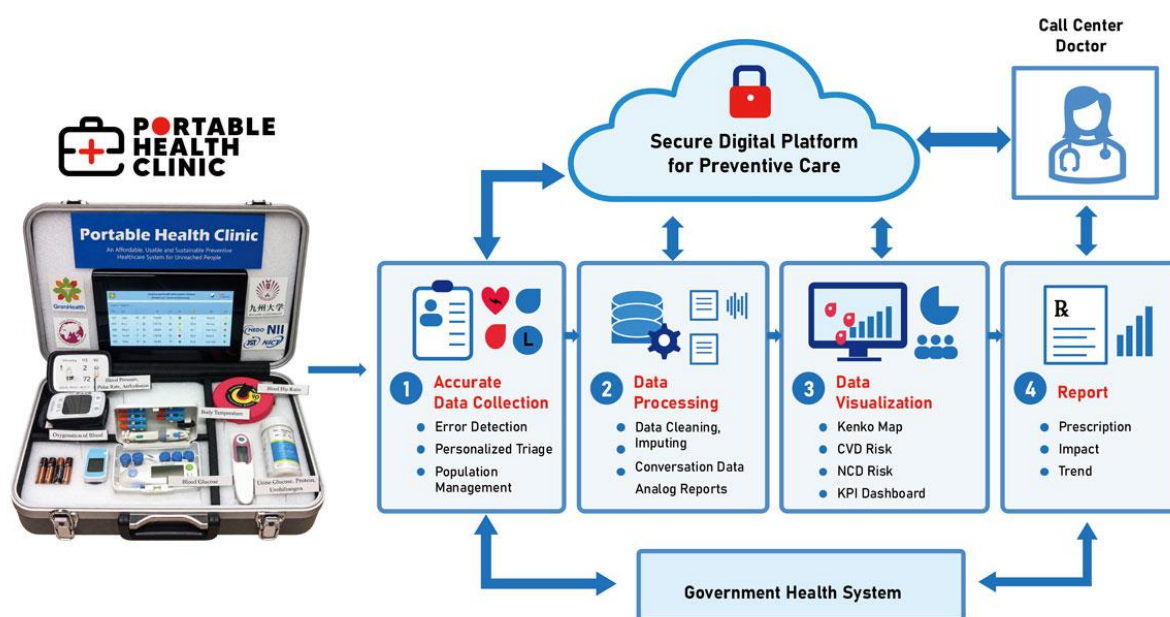


Fig.1. A secure digital platform for preventive care. AI-supported, community-based preventive care with Kyushu University’s Portable Health Clinic.

Preventive Care Project

Progress toward pilot readiness

- 15 MAR** **(1) Concept introduced**
The ministry expressed interest in the preventive-care approach.
- 2 JUN** **(2) Project plan reviewed**
The ministry reviewed the delivery plan and verbally supported the indicative pilot cost.
- 4 AUG** **(3) System demonstrated**
The team demonstrated the PHC Box and operating system at the ministry’s request.
- 27 SEP** **(4) Implementation meeting in Tokyo**
MoHFW, Cipher Core and Kyushu University discussed the plan with State Minister Dr. Muhit.
- NEXT** **Engage Japanese healthcare partners**
Seek partnerships and investment from vendors such as Omron, Tanita, A&D and Fujitsu.



Fig.2. Preventive care project. Photos and timeline highlighting key meetings and milestones in the development of the Healthy Bangladesh preventive healthcare pilot, a collaboration between Kyushu University, Cipher Core, and Bangladesh health authorities.



Fig.3 Meeting at the Ministry of Health and Family Welfare. Key researchers from Kyushu University: Prof. Naoki Nakashima, Dr. Rafiqul Islam, and Dr. Ashir Ahmed.

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