



## Advancements in Maternal Child Health Management in Africa through Portable Health Clinic (PHC) - Leveraging AI and Digital Clone Technologies -

TICAD (Tokyo International Conference on African Development) is a major global conference on African development co-hosted by the Government of Japan, the United Nations, and other international partners. The 9th TICAD will be held in Yokohama in August 2025, focusing on "Co-creating innovative solutions with Africa" to discuss collaboration in health, economy, and other key areas.

2025  
**Aug. 22**  
10:00-11:30

Kyushu University is expanding its Portable Health Clinic (PHC)—a proven system of ICT-based health checkups and online consultations in Asia—to improve perinatal maternal and child health in Africa. Furthermore, by leveraging digital clone technology developed by Osaka University, we are building a new framework to support medical consultations and patient education by replicating the knowledge and judgment of expert physicians.

This symposium will introduce a next-generation partnership between Japan and Africa. We will showcase how our collaboration with NPO Rocinantes, Nagasaki University, Osaka University, and Grameen Communications brings together Japanese technology and African field expertise to develop innovative digital solutions tailored to on-the-ground needs.



**Date** August 22, 2025, 10:00 -11:30 AM

**Venue** PACIFICO Yokohama Hall D

**Format** In-person only. A recording will be available on the Kyushu University homepage via YouTube later.

### Presenters

#### Research & Activity Reports



**Naoki Nakashima**

Professor, Kyushu University

"The Expansion of the Portable Health Clinic in Africa"



**Rafiqul Islam**

Research Associate Professor,  
Kyushu University

"Accuracy and Reliability of Portable Medical Devices"

#### Panel Discussion



**Naoyuki Kawashima**

Director, NPO Rocinantes; Visiting Professor, Kyushu University and Nagasaki University



**Satoshi Kaneko**

Professor, Nagasaki University



**Yoichiro Ito**

Project Professor, Osaka University

**Organized by:** Kyushu University, Nagasaki University, Osaka University, Certified NPO Rocinantes, Grameen Communications

**In cooperation with:** Kyushu University Institute for Asian and Oceanian Studies (Q-AOS), Division of Healthcare Digital Transformation

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