

Collaborative effort of JICA and LMICs on COVID-19 testing

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To overcome this unprecedented challenge, JICA will take a holistic approach based on the strong partnerships and trust we have built with our partners

□ **Strengthening Treatment System**

- Constructing core hospitals where people can receive necessary treatment safely, providing/rehabilitating medical equipment, and developing capacity of medical professionals (aiming to build and expand about 100 hospitals around the world)
- Strengthening intensive care units by networking hospitals and utilizing DX including remote medicine



□ **Enhancing Infectious Disease Research and Alert System**

- Strengthening development capacity of diagnostics and testing technologies by networking core infectious disease research institutions (aiming to reinforce about 10 core institutions around the world)
- Strengthening quarantine and border control, and early preventive measures against disease outbreaks



□ **Promoting Infectious Disease Prevention**

- Promoting dissemination of COVID-19 vaccines working through global coordinating mechanisms such as the COVAX
- Promoting preventive measures such as providing access to safe water, sanitation and hygiene, and encouraging proper handwashing (handwashing platform)
- Mainstreaming infectious disease prevention and health emergency response in the fields of education, urban planning, nutrition, etc.



Case Study -Boosting COVID-19 Testing Capacity for KEMRI in Kenya

- JICA has been a key partner of the Kenya Medical Research Institute (KEMRI) since its establishment in 1979.
- In support of the COVID-19 national response in Kenya, JICA donated PCR test kits to the KEMRI to boost its laboratory capacity for COVID-19 testing.
- KEMRI is now among the institutions taking a leading role in Kenya's response through various flagship projects, among them whole genome sequencing, evaluation of COVID-19 screening kits, production of virus transport media, Point-of-Care test kits and COVID-19 testing.



<https://www.jica.go.jp/kenya/english/office/topics/200827.html>

Case Study -Expand patient safety initiatives to regional hospitals in Vietnam

- The three hospitals that JICA has worked particularly closely with, Bach Mai Hospital (Hanoi), Hue Central Hospital (Hue), and Cho Ray Hospital (Ho Chi Minh), are the core facilities delivering health services in each region.
- When outbreak happened, JICA provided support through the provision of essential medical equipment such as ventilators and ECMO to expand the surge capacity.
- The National Institute of Hygiene and Epidemiology (NIHE), which JICA had been working with for many years, carried out PCR tests from the earliest stages of the pandemic, and shared its results promptly with the three core hospitals and other medical institutions.
- NIHE provided trainings to provincial laboratories, and PCR testing was conducted quickly in provincial laboratories and in coordination with the government to contain the cluster of COVID-19.



For more information

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- Contact JICA Overseas Offices:
<https://www.jica.go.jp/english/about/organization/overseas/index.html>
- See the website for JICA's response to COVID-19 pandemic:
<https://www.jica.go.jp/COVID-19/en/index.html>