

Efforts for remote medical care

JTEC supports the investigation and dissemination of telemedical services in developing countries and the international deployment of Japanese medical technologies, services and infrastructures. Examples of efforts in the two countries are shown below.

[India]

In fiscal 2018, we utilized JKA's grant to investigate successful cases of remote medical care in the rural areas of India.

We confirmed that remote medical care can contribute to delivering medical services to rural areas and improving the capacity of medical staff while limited medical resources are available. (<http://www.jtec.or.jp/free.php?id=113>)



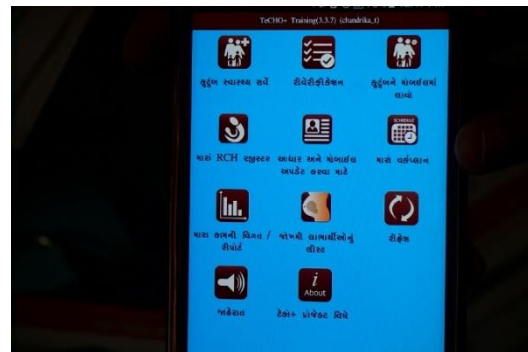
Sanjay Gandhi Institute of Medical Sciences (SGPGIMS) /Wottal Pradesh



Seven telemedicine priority universities centered on SGPGIMS



Medical KIOSK



Maternal and Child Health Smartphone Apps



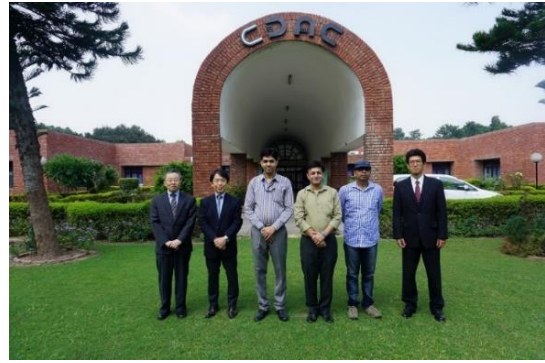
With eight paper ledgers loaded into the Apps



Sub-centers and health workers



Remote medical call center training



Remote Healthcare Application Development Center

[Myanmar]

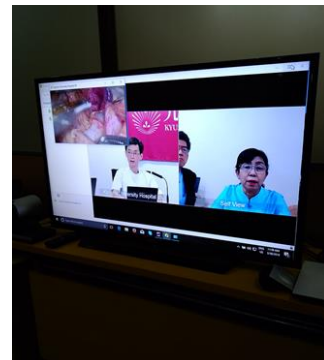
■ Remote medical education support

In 2017, the submarine optical cable (SEA-ME-WE 5) was connected to Myanmar, enabling high-speed international communications, and began supporting the dissemination of telemedicine education.

2017 In August, Yangon, president of the first medical university, said, "We want to improve the technical capabilities of Myanmar physicians through Japanese medical technical support and provide advanced medical services to 95% of the people who are unable to go to foreign countries."



The connection test between JTEC Myanmar Project Office and the Kyushu University Hospital was successfully conducted, and the connection test with Kyushu University was proposed to Yangon Daiichi Medical University (August 10, 2017)



A good result was obtained by testing the connection between the nine major medical offices and the remote education application in the conference room of Yangon University of Medicine (2018.3.30)



Distant medical workshops were approved by a meeting of relevant parties in Naypyidaw. (2018.7.31)



1st Myanmar Remote Health Workshop(2018.12.21)

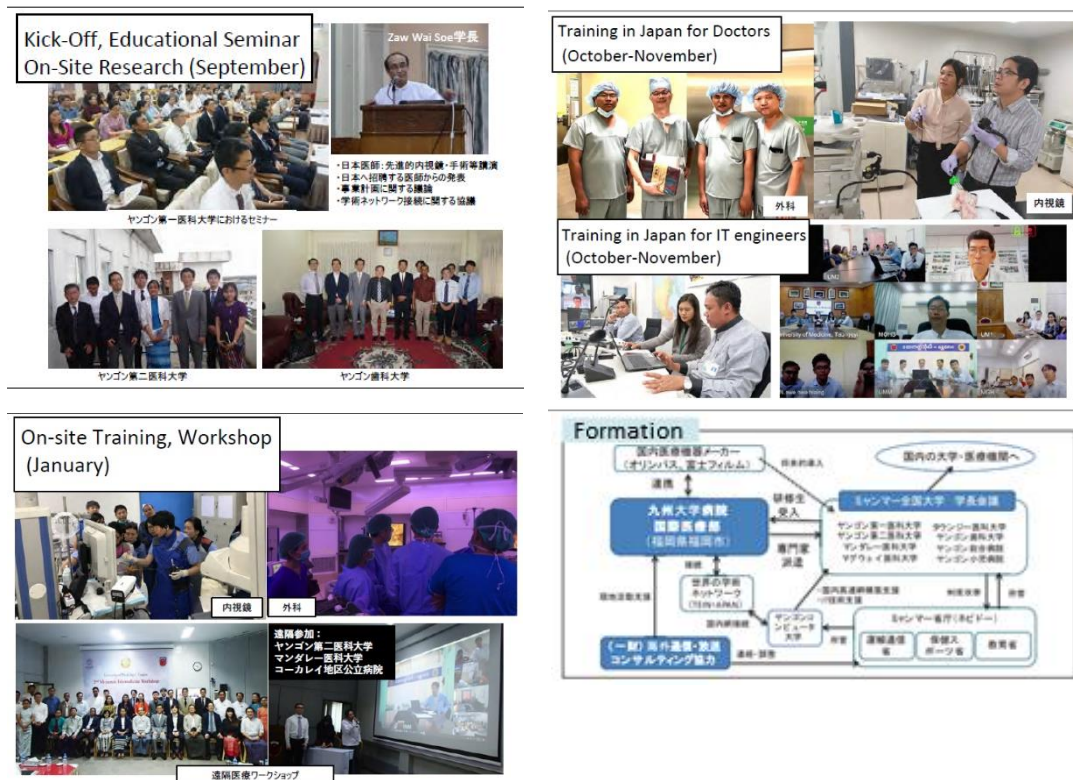
■ NCGM Business (Fiscal 2019)

Outline: The Kyushu University supported the "Human Resources Development Program for Providing a Standard of Health Care in Myanmar" by utilizing the scheme of the International Center for Health Care Development (NCGM) program to support international development of medical technologies.

BACKGROUND: Men and female in Myanmar have a short average life span and fewer physicians. There is a medical disparity between city and rural areas. Physician's post-graduate education challenges are also accumulated. Many support has been provided from Japan and other countries, but the limitations associated with the migration are unavoidable, and activities are often restricted as each project is terminated.

Objective: The aim is to effectively improve medical technology by combining remote medical education and training in Japan using information and communications technology, which has dramatically evolved in recent years. (Doctors and IT technicians are supported through training in Japan, local training, and remote training.)

Report: https://kyokuhp.ncgm.go.jp/library/tenkai/2020/tenkai2019_light.pdf



Excerpts from the report

■ NCGM Business (Fiscal 2020)

Following the previous year due to the Corona catastrophe, support was provided for the online implementation of the Project to Develop Healthcare Human Resources in Myanmar.

Five IT technicians participating in the previous year's project ① gathered and communicated information about Corona between the Department of Health and national health institutions, ② encouraged consultations between physicians on medical services, and encouraged the use of video conferences, confirming that training led to timely

social contributions.

On January 25, 2021, six Japanese physicians (Endoscopic and Surgeon) gave a speech at the Myanmar Physician's Society's on-line Symposium and 180 Myanmar physicians took part.

Physicians in Myanmar understand the value of distance medical education, mainly in internal science and surgeons, and have high expectations for its use. With these physicians and IT engineers as the core human resources, further focus is expected to be placed on the promotion of remote medical education to other regions and other fields.

In the future, JTEC intends to contribute to the spread of remote medical care through various support schemes, including remote medical education and medical services in developing countries (cities and rural areas) and remote health support services to help prevent lifestyle-related problems using ICTs.