

Folder eCC_00015745 is in stage Annual_Report_Review

Name of the University, Hospital, Research Institute, Academy or Ministry

National Center for Global Health and Medicine

Name of the Division, Department, Unit, Section or Area

Disease Control and Prevention Center, National Center for Global Health and Medicine Hospital

City Shinjuku-ku **Reference Number** JPN-94

Title WHO Collaborating Centre for Prevention, Preparedness and Response to Emerging Infectious Diseases

Report Year 04-2020 to 04-2021

1. Annual report on the agreed workplan

Describe progress made on the agreed workplan. For each activity, detail (1) the actions taken, (2) the outputs delivered, as well as (3) any difficulties that may have been encountered. Three responses are expected. [maximum 200 words per activity]. Indicate, if an activity has been completed previously, has not yet started or has been placed on hold.

Activity 1

Title: To provide policy and technical advice to WHO and Member States in implementation of APSED

Description: The proposed institution will provide technical advice on the planning and implementation of IPC and clinical management components (Focus Area 5: Prevention through Healthcare) of the Asia Pacific Strategy for Emerging Diseases and Public Health Emergencies (APSED III) via APSED Technical Advisory Group (TAG) meeting, regional consultations/meetings and country visits.

Status: ongoing

Dr. Norio OHMAGARI attended the Meeting of the Technical Advisory Group on the Asia Pacific Strategy for Emerging Diseases and Public Health Emergencies (APSED III): Advancing Implementation of the International Health Regulations (IHR) (2005) at the request of the World Health Organization (WHO) (August 7, 2020, online). At the meeting, he provided technical advice on the planning and implementation of the infection prevention and control (IPC) and clinical management components.

Activity 2

Title: To provide in-country training and technical advice on infection prevention and control (IPC) and clinical management of emerging infectious diseases (EIDs)

Description: The proposed institution will provide training and technical advice on IPC or clinical management of emerging infectious disease such as EVD, MERS, Dengue fever and Zika virus disease and antimicrobial resistant infections, in collaboration with WHO, National Institute of Infectious Diseases in Japan (NIID) and specialist from Asia Pacific Region, via in-country visits and on-line meetings. Through this activity, NCGM will contribute to strengthen IPC or clinical management of emerging infectious disease as a major component of national preparedness in the region.

Status: ongoing

Dr. Norio OHMAGARI provided an online lecture on the IPC and clinical management of COVID-19 to Bach Mai Hospital (Hanoi, Vietnam) (June 29, 2020).

Dr. Masahiro ISHIKANE provided an online lecture on the IPC and clinical management of COVID-19 to the Mongol Infectious Disease Center (Ulan Bator, Mongol) (August 17-18, 2020).

Activity 3

Title: To participate in monitoring and assessments of in-country capacity in relation to IHR core capacities through APSED

Description: The proposed institution will participate in the monitoring and evaluation activities of IHR implementation, including the areas of IPC and clinical management component, upon request from the WHO.

Status: ongoing

Dr. Norio OHMAGARI attended the WHO Collaborating Center (WHO CC) Web forum and provided an overview of the WHO CCs' response to COVID-19 in Japan, with Dr. Norihiro KOKUDO (August 25, 2020). At the forum, we provided technical advice on the IPC and clinical management of COVID-19. We also published a scientific article from the Japanese WHO CCs on the fight against COVID-19 (<https://www.globalhealthmedicine.com/site/article.html?doi=10.35772/ghm.2020.01093>).

Activity 4

Title: To share information and knowledge on best practices of IPC and clinical management of EIDs

Description: NCGM plans to collect and share best practices of IPC and clinical management of emerging infectious diseases including antimicrobial resistant infections with health care professionals via workshops and seminars at NCGM.

NCGM will share information of best practices of IPC and clinical management through e-learning and other online channels.

Status: ongoing

The Disease Control and Prevention Center (DCC) developed teaching materials for IPC and antimicrobial stewardship (ASP). These resources focused on hand hygiene, oral care, ASP, ASP teams, and the prevention of surgical site infections in orthopedics. These materials, which are shared through the DCC website (<http://dcc.ncgm.go.jp/en/Activities/040/index.html>), are considered especially useful for resource-limited countries.

Activity 5

Title: To provide technical support in the investigation of EID outbreaks

Description: The proposed institute will provide technical supports in the investigation of emerging infectious diseases including AMR, upon request from WHO.

Status: ongoing

The National Center for Global Health and Medicine (NCGM) provided remote technical support to the Japanese IPC and clinical management experts in charge of the COVID-19 outbreak investigation in Papua New Guinea in 2020.

Activity 6

Title: As part of outbreak response, to provide technical assistance in improving IPC and clinical management of EIDs

Description: The proposed institute will provide on-site or remote technical assistance or training in improving IPC and clinical management of emerging infectious diseases including AMR, upon request from WHO.

Status: ongoing

Based on the WHO Western Pacific Regional Office (WPRO)'s request, the NCGM delivered many Webinar lectures on COVID-19 experiences and the latest evidence, including IPC and clinical management.

Dr. Norio OHMAGARI: WHO COVID-19 Clinical Network Knowledge Exchange (May 8, 2020)

Dr. Masahiro ISHIKANE: WPRO COVID-19 Science and Research Seminars, ex-pulmonary COVID-19 (August 27, 2020)

Dr. Noriko KINOSHITA: WPRO COVID-19 Science and Research Seminars, pediatric COVID-19 (December 18, 2020)

2. Annual report on other activities requested

Should WHO have requested activities in addition to the agreed workplan, please describe related actions taken by your institution [maximum 200 words]. Please do not include in this report any activity done by your institution that was not requested by and agreed with WHO.

Based on a request by the WPRO, the DCC provided technical advice on the isolation policy of COVID-19 cases in Lao PDR, on November 30, 2020.

The DCC provided technical advice on the clinical management and care pathway of COVID-19 in Cambodia (March 12, 2020), Lao PDR (March 24, 2020), and Mongol (March 30, 2020), based on requests from the WPRO. Dr. Norio OHMAGARI, Dr. Masahiro ISHIKANE, and Dr. Yutaro AKIYAMA also revised and provided technical comments for the national policy guidelines for COVID-19 in these countries.

Based on the request by WPRO, Dr. Shinichiro MORIOKA is writing a case study report detailing a historical review of how Japan set up its IPC surveillance system, the enablers and barriers during the process, and the key to implementing an IPC surveillance system that is well-rooted in today's health system.

3. Resources

Indicate staff time spent on the implementation of activities agreed with WHO (i.e. those mentioned in questions no. 1 and no. 2 above). Do not include any data related to other activities done by your institution without the agreement of WHO. Please indicate staff time using the number of "full-day equivalents" – a day of work comprising 8 hours (e.g. 4 hours work per day for 7 days should be recorded as 3.5 full-day equivalents).

Number of staff involved (either partially or fully)

Senior staff	Mid-career staff	Junior staff, PhD students
4	4	0

Number of full-day equivalents, total for all staff involved

Senior staff	Mid-career staff	Junior staff, PhD students
7	0	0

Implementation of the agreed workplan activities (i.e. those mentioned in questions no. 1 and no. 2 above) normally require resources beyond staff-time, such as the use of laboratory facilities, purchasing of materials, travel, etc. Please estimate the costs of these other resources as a percentage of the total costs incurred (e.g. if you incurred costs of USD 100 and the value of your staff time was USD 50 which makes the total of USD 150, please report 33.3% and 66.7%).

Percentage of costs associated with staff time	Percentage of costs associated with other resources	Total
25.00	75.00	100.00

4. Networking

Describe any interactions or collaboration with other WHO Collaborating Centres in the context of the implementation of the agreed activities. If you are part of a network of WHO Collaborating Centres, please also mention the name of the network and describe your involvement in that network [maximum 200 words].



On 29-30th October 2020, the DCC organized the first virtual Global Outbreak Alert Response Network (GOARN) Tier 1.5 workshop entitled “Infection Prevention and Control (IPC)”, in collaboration with GOARN, WHO headquarters, and WPRO. The purpose of this training was to provide an orientation to the international outbreak response with GOARN for IPC experts in Japan who are interested in deploying and working in the field with GOARN. IPC at the field level is an essential element in addressing international outbreaks such as the current COVID-19. The role of professionals involved in strengthening IPC is diversifying. It was a great success. In total, 32 enthusiastic trainees actively participated and learned in this course.