

# Table of Contents

01 Introduction . . . . . P.4

02 Overview of the Tokyo iCDC . . . . . P.6

- Tokyo iCDC Expert Board Member List
- Tokyo iCDC Organizational Chart

03 Launch of the Tokyo iCDC . . . . . P.9

- Background to the Launch of the Tokyo iCDC
- Establishment of the Expert Board and the Task Forces

04 Main Tokyo iCDC Initiatives (List) . . . . . P.15

- Main initiatives from 2020 to 2023
- Matters reported by the Tokyo iCDC at the TMG Monitoring Meeting (list)

05 **【Reference】** TMG Measures . . . . . P.23

- Initiatives from the 1st to the 8th wave
- Infection situation by country

06 Main Initiatives of Each Team and Task Force . . . . . P.29

- Research, analysis, and dissemination of information, etc. related to COVID-19 conducted by the Tokyo iCDC

07 Establishment and Initiatives of the Infectious Disease Response Support Team . . . . . P.103

- Infectious disease response support team initiative to provide support for COVID-19 measures at care facilities for the elderly, etc. where clusters were identified

08 Overseas Communications by the Tokyo iCDC . . . . . P.107

- Initiatives to disseminate information on Tokyo iCDC activities overseas and to build networks

09 Summary . . . . . P.111

- Review of measures to address COVID-19 undertaken by the Tokyo iCDC and its future initiatives

10 List of Links, Index . . . . . P.117

# Discussions of the Working Group for 2nd Wave Measures (until the launch of the Tokyo iCDC)

- The concept of a “Tokyo version” of the CDC was discussed at the Working Group for 2nd Wave Measures (\*1)

In view of the experience of the first wave of COVID-19 infections and the lessons learned, along with taking all possible measures against the 2nd wave, on June 15, 2020 TMG held the **Working Group for 2nd Wave Measures** to expand its infectious disease countermeasures. Five meetings were held with experts to discuss the organizational structure, the testing system, and the system for providing health care.

Based on these discussions, TMG formulated the concept for a “Tokyo CDC” (draft). The steps to realize this concept (※2) were outlined.

## (\*1) Working Group for 2nd Wave Measures

【Members】\*As of July 31, 2020

<b>Experts</b>	Tokyo Medical Association Vice President <b>Inokuchi Masataka</b> National Institute of Infectious Diseases Infectious Diseases Surveillance Center Chief Research Officer <b>Hajime Kamiya</b> National Center for Global Health and Medicine AMR Clinical Reference Center Chief of the Education and Information Division <b>Yoshiaki Gu</b> National Institute of Public Health Department of Health Crisis Management Chief Senior Researcher <b>Tomoya Saito</b> Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital Director of the Clinical Laboratory Department <b>Noritaka Sekiya</b>
<b>Government agency</b>	Head of the Shinjuku City Public Health Center
<b>TMG</b>	Deputy Governor, head of the Bureau of Social Welfare and Public Health, heads of bureaus in charge of health crisis management, technical advisors, heads of divisions related to the Bureau of Social Welfare and Public Health

### 【Main Matters Discussed】

1st meeting	Establishing systems for testing and provision of health care	4th meeting	Direction of initiatives for strengthening organizational response capabilities and for expanding systems for testing and provision of health care
2nd meeting	Monitoring indicators	5th meeting	Tokyo CDC concept
3rd meeting	Establishing systems for testing and provision of health care		Expanding systems for testing and provision of health care

## (\*2) Steps Leading to the Realization of the Tokyo CDC Concept

2020  
August

Step ① Established preparatory organization



Discussions

October

Step ② Launched the CDC



Step-wise system development

2021  
April

Step ③ Full-scale CDC operations



Further strengthening of functions

# Discussions at the Preparatory Study Committee (until the launch of the Tokyo iCDC)

## ● The Tokyo CDC Preparatory Study Committee

In an effort to **strengthen measures against various infectious diseases** including COVID-19, TMG **established the Tokyo CDC Preparatory Study Committee\*** on August 25, 2020 to **consider the formation of a hub charged with the integrated handling** of policymaking related to infectious diseases, crisis management, research, analysis, and evaluation, the gathering and disseminating of information, and other functions. To prepare for the October launch of the Tokyo CDC and to begin full-scale operations as soon as possible, concrete discussions were held on matters such as the Tokyo CDC's functions in ordinary times and during a crisis and the ideal form for the organization.

Prior to the establishment of the Tokyo CDC, a task force was launched to consider a system to prepare for potential simultaneous epidemics of COVID-19 and influenza. which was an urgent issue.

### \*Tokyo CDC Preparatory Study Committee

#### 【Members】 \*As of September 15, 2020

<b>Experts</b>	Tohoku Medical And Pharmaceutical University Faculty of Medicine, Division of Infectious Diseases and Infection Control Specially Appointed Professor <b>Mitsuo Kaku (committee chair)</b> National Institute of Infectious Diseases <b>Wakita Takaji</b> Toho University Faculty of Medicine Department of Microbiology and Infectious Diseases Professor <b>Kazuhiro Tateda</b> National Center for Global Health and Medicine Director of the Disease Control and Prevention Center <b>Norio Ohmagari (deputy committee chair)</b> Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital Head of the Infectious Disease Department <b>Imamura Akifumi</b> National Institute of Infectious Diseases Infectious Diseases Surveillance Center Chief Research Officer <b>Hajime Kamiya</b> Open University of Japan Faculty of Liberal Arts Professor <b>Yumiko Nara</b>
<b>Related associations</b>	Tokyo Medical Association Vice President <b>Tohru Kakuta</b> Tokyo Medical Association Vice President <b>Inokuchi Masataka</b>
<b>Government agencies</b>	Ota City Public Health Center Infectious Disease Control Division Head, Tama-Tachikawa Public Health Center Head of the Health Measures Section
<b>TMG</b>	Deputy Governor, head of the Bureau of Social Welfare and Public Health, heads of bureaus in charge of health crisis management, technical advisors, heads of divisions related to the Bureau of Social Welfare and Public Health

#### 【 Main Matters Discussed 】

1st meeting	<ul style="list-style-type: none"> <li>• Sharing the overall image of the Tokyo version of the CDC</li> <li>• Review of the issues to be discussed</li> <li>• Confirmation of future schedule for considerations</li> </ul>
2nd meeting	<ul style="list-style-type: none"> <li>• Main opinions expressed in the first meeting</li> <li>• Direction for the Tokyo CDC</li> <li>• Expert Board and task forces</li> <li>• Initiatives at the time of launch</li> </ul>

# Launch and Functions of the Tokyo iCDC

## ● The launch of the Tokyo iCDC (October 2020)

Taking into account the discussions that took place at the Tokyo CDC Preparatory Study Committee, TMG formulated the Tokyo iCDC Concept in September 2020. The Tokyo iCDC was launched in October based on the concept.

### Tokyo iCDC Concept (Outline)

#### 【The Tokyo iCDC Idea】

- The iCDC provides **evidence-based advice** to the Governor as a **permanent command tower that integrally takes charge of** effective infection control measures.
- In ordinary times, the iCDC develops public health human resources and **strengthens its intelligence functions by building networks** with local governments, research institutions both in and outside of Japan.
- During a crisis, the iCDC leverages its intelligence functions to **respond rapidly and effectively**.

#### 【Functions performed by the Tokyo iCDC】

Ordinary  
Times

Rapid transition  
Strengthened system

Crisis

- **Policymaking function**  
Developing the system to prepare for a crisis, etc.
- **Research and analysis**  
Joint research with the government, universities, and research organizations, network-building, etc.
- **Collecting and disseminating information**  
Raising awareness, archiving data, etc.
- **Developing human resources**  
Enhancing training programs, etc.
- **Crisis management function**  
Policymaking, cluster countermeasures, preventing the spread of infection in hospitals and facilities, etc.
- **Research and analysis**  
Putting together an analysis team integrating TMG and external researchers
- **Collecting and disseminating information**  
Effective publicity to city residents, risk communication

## ● Functions performed by the Tokyo iCDC

- The Tokyo iCDC is a network of experts who conduct research, analysis, and the collection and dissemination of information in fields related to infectious disease.
- Based on the infection situation and the status of the healthcare system, the iCDC provides stage-specific advice from their perspective as experts.
- The iCDC advises on policy direction and individual initiatives, serving as the “command tower” for TMG’s overall infectious disease measures.

# Establishment of the Expert Board, the Heart of the Tokyo iCDC

## iCDC Expert Board

The **iCDC Expert Board** plays a central role in the Tokyo iCDC's provision of evidence-based advice and its network-building with local governments and research institutions in and outside of Japan. The Board has established teams for each area of expertise, **and is participated in by over 50 experts.** \*9 teams as of June 2023.

When the Tokyo iCDC was launched in October 2020, four teams were established: the **epidemiology and public health team**, the **infectious disease medical treatment team**, the **testing and diagnosis team**, and the **risk communication team**. Thereafter, the **infection prevention and control team** was established in December of the same year, the **microbiological analysis team** and the **research and development team** in January 2021, and the **human resources development team** in March 2021.

**In April 2021, the iCDC began full-scale operations with this eight-team structure.** With the establishment of the **information management team** in October 2022, there are now nine teams. The Tokyo iCDC Expert Board also appoints six external advisors to provide knowledgeable advice on the matters being investigated and studied from an objective perspective.

## iCDC Expert Board (Mission of Each Team)

### Epidemiology and public health team

Analyze and assess infection risk based on epidemiological studies, give advice based on the infection situation and future projections, etc.

### Infectious disease medical treatment team

Analyze cases and evaluate effective medical treatment of infectious diseases, including new treatment methods and measures to address post-COVID symptoms, etc.

### Testing and diagnosis team

Evaluate and analyze methods of testing and diagnosis, consider the establishment of new and enhanced testing and diagnostic methods.

### Risk communication team

Along with considering infection control measures based on interactive information sharing such as publicity and PR, give wide-ranging advice on risk communication activities

### Infection prevention and control team

Consider effective countermeasures for infection control based on the latest scientific findings and formulate manuals, etc., according to the situation (home, work, etc.)

### Microbiological analysis team

Evaluate and analyze the transmissibility, pathogenicity, and genetic mutations of infectious diseases, and gather information on vaccines and therapeutic drugs

### Research and development team

Gather information on a wide range of fields, including the progress and development of basic and clinical research, and consider how to apply these insights and put them into practice in Tokyo

### HR development team

Consider ways to enhance training and development programs for human resources charged with infectious disease response in Tokyo

### Information management team

Consider data management methods for collecting, managing and utilizing information related to infectious diseases

# Establishment of Task Forces to Study Specific Issues

## ● Task Forces

The Tokyo iCDC has established task forces to study specific issues related to infectious diseases. Since it was launched, the Tokyo iCDC has been operating during a crisis due to the COVID-19 pandemic, and since it was necessary to focus on the response, discussions in the task force, which can respond to issues in a more flexible manner, were active.

12 task forces have been set up as of June 2023, and studies are being conducted with members of the iCDC Expert Board in the relevant fields along with experts from various participating organizations.

Task Forces	Status of iCDC Expert Board Participation									Participating organizations, etc.
	Epidemiology & public health	Infectious disease medical treatment	Testing and diagnosis	Risk communication	Infection prevention & control	Microbiological analysis	R&D	HR development	Information management	
Influenza Twindemic TF		●								Tokyo Medical Association National Institute of Infectious Diseases National Cancer Center Hospital Nippon Sport Science University Teikyo University Kyorin University Tokyo Metropolitan Hospital Organization Tokyo Chapter of the Japan Red Cross Society Tokyo Fire Department Tokyo Medical University Tokyo Medical Association Public health centers Juntendo University Tokyo Hikifune Hospital Institute of Medical Science, University of Tokyo National Cancer Center Hospital Public health institutes University of Tokyo Center for Spatial Information Science Kitasato University St. Marianna University School of Medicine Hirahata Clinic National Center for Global Health and Medicine Waseda University Faculty of Science and Engineering Kogakuin University National Institute of Advanced Industrial Science and Technology RIKEN Kobe Campus Osaka University National Institute of Occupational Safety and Health, Japan University of Occupational and Environmental Health, Disaster Occupational Health Center etc.
Healthcare Delivery System TF		●							●	
Safe Community Development TF	●			●						
Genome Analysis TF		●	●			●		●	●	
Infectious Disease Forecasting and Response TF	●				●		●			
Vaccination Information TF										
Infection Forecast Simulation TF	●									
Infection After-Effects TF		●		●						
Ventilation and Indoor Infection Measures TF					●		●			
High Tech Infection Risk Evaluation TF					●		●			
One Health Approach Promotion TF		●			●	●		●	●	
Syphilis Measures TF		●	●	●		●				