

Asian Network of Major Cities 21 (ANMC21)

“Conference on Countermeasures to Combat Infectious Diseases in Asia” in Taipei, August 22-24, 2006

1st year results of the
“Countermeasures to Combat
Infectious Diseases in Asia”

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“Countermeasures to Combat infectious diseases in Asia” project

Tokyo proposed the new project at the 4th Plenary Meeting of the ANMC21 in Jakarta, November 2004

<Outline of the Project>

- 1 Building of a regular and strong network by health professionals (Doctors and Researchers)*
- 2 Joint Research and Surveys*

<Participating Cities>

Bangkok, Delhi, Hanoi, Jakarta, Kuala Lumpur, Manila, Seoul, Singapore, Taipei, Tokyo, Yangon

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“The Conference on Countermeasures to Combat Infectious Diseases in Asia”

Date: September 1-3, 2005

Venue: Tokyo Metropolitan Government

Participants (from seven member cities)

Delhi Hanoi Jakarta Singapore

Taipei Yangon Tokyo

* Observers from Embassies in Tokyo

(Malaysia, Myanmar)

Agenda

- 1 Current situation and countermeasures being taken against infectious diseases in member cities
- 2 Infectious Disease Information Network System

Schedule

September 1 (Day1)

Morning

Joint Comprehensive Disaster Drills

Measures against Nuclear, Biological, and Chemical weapons

Afternoon

Visit to Tokyo Metropolitan Institute of Public Health

September 2 (Day2)

Morning

Keynote Address “*Health and Civilization*”

by Dr. Shigeru OMI, Regional Director,
WHO Regional Office for the Western Pacific

Afternoon

Main Conference

“Current situation and countermeasures being taken
against infectious diseases in Asia”

September 3 (Day3)

**Proposal for Infectious Disease Information Network System
(Tokyo)**

September 1 (Day1) Morning
Joint Comprehensive Disaster Drills
Measures against Nuclear, Biological, and Chemical weapons



Triage of patients



Preparation for placing patients in isolators



Isolator



Demonstration tour



September 1 (Day1) Afternoon Visit to Tokyo Metropolitan Institute of Public Health

- **Laboratories/R&D institutions researching infectious diseases in Tokyo**
- **To defend the health and security of urban citizens, information collection and revision is implemented in the areas of countermeasures for infectious diseases, food hygiene, pharmaceuticals, environmental health and others.**



September 2 (Day2) Morning
Keynote Address



“Health and Civilization”

The Challenge to fight Infectious Diseases in Asia

By Shigeru OMI

Regional Director, WHO Regional Office for the Western Pacific

History of disease and civilization

Period	Event	Disease	Place
Prehistory	Human beings lived as hunters and gatherers of food	No major communicable diseases	
1st Wave	Hunter-gatherers 'settled' into agrarian villages	Smallpox, measles, chickenpox, tuberculosis	Sumeria, Egypt
2nd Wave	Contact between different civilizations	Smallpox, measles	from Europe to Asia
		"Black Death"	Europe in the 6 th century
3rd Wave	Trans-oceanic movement of seafarers	Smallpox, measles, etc	To America from Europe
		Syphilis	To Europe from America
		Malaria, yellow fever	To Europe from Africa
4th Wave	<ul style="list-style-type: none"> ● Globalization ● Urbanization ● Consumerism ● Pervasiveness of science & technology 	<ul style="list-style-type: none"> ● Noncommunicable diseases ● communicable diseases <p>Double Burden</p>	All over the world

September 2 (Day2) Afternoon

“Current situation and countermeasures being taken
against infectious diseases in Asia”



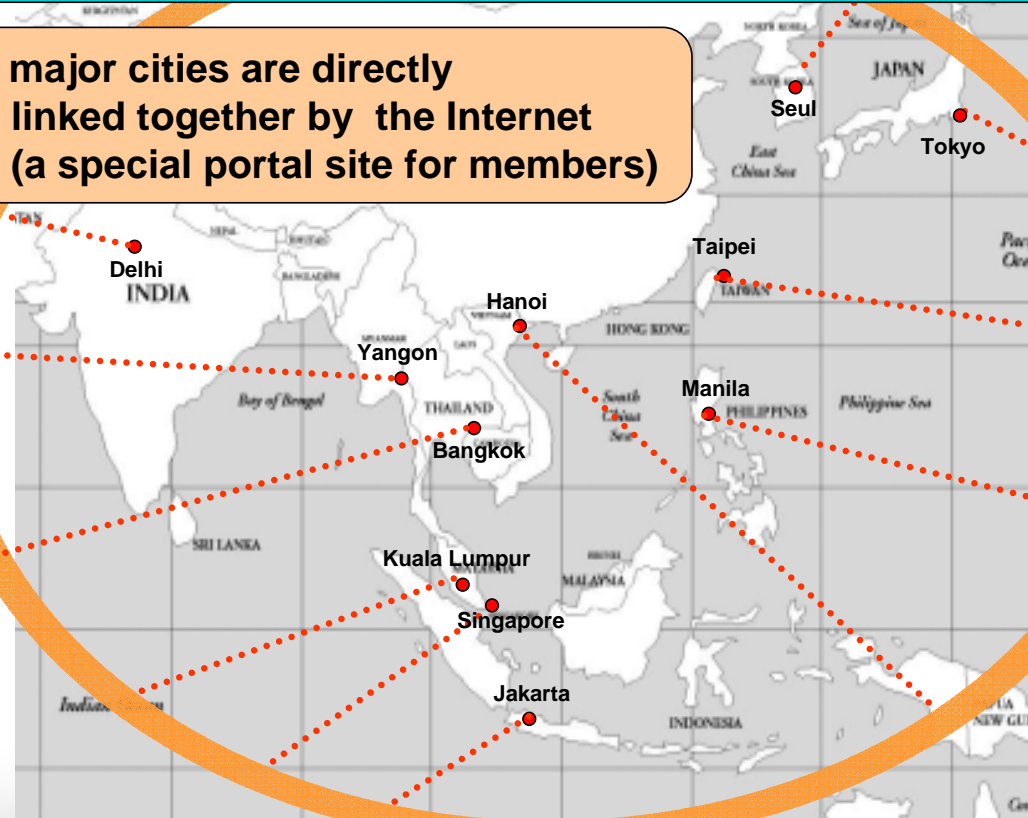
“Current situation and countermeasures being taken against infectious diseases in member cities”

City	Topic
Delhi	<i>Countermeasures on Infectious Diseases in Delhi</i>
Hanoi	<i>“Countermeasures to Combat Infectious Diseases in Asia” within the Network ANMC21</i>
Jakarta	<i>Polio Outbreak 2005, In Eradication of Free polio 2008</i>
Singapore	<i>The threat of Influenza Pandemic and Singapore’s Response Plan</i>
Taipei	<i>Infectious Disease: Prevention Strategies and Emergency Response Procedures</i>
Yangon	<i>Current situation and countermeasures undertaken by the Health Department of Yangon City Development Committee against infectious diseases in Yangon City</i>
Tokyo	<i>Present State and Measures regarding Infectious Diseases in Tokyo</i>

September 3 (Day3) Morning

Proposal for Infectious Disease Information Network System (Tokyo)

Asian major cities are directly
linked together by the Internet
(a special portal site for members)



Concept of New Information System

1) Direct relay of information

Information transmitted from each city communicated promptly without processing.

2) Interactive

Inquiries can be made on needed information

3) Reliable

Participants in the network limited to persons and organizations that are validated and registered.

High-level security ensured

Effects of A New Information System

1) Enhancement of health crisis management systems

Prompt information collection and initial action

2) Precise preventative steps

Early detection, infection control, disinfection, etc.

3) Effective treatment

Yet-to-be-established treatments and their evaluation

4) Upgrading measures through mutual exchange

Public health, clinical medicine, basic research



Demonstration

Conclusion of the Tokyo Conference

How to Proceed with “Countermeasures to Combat Infectious Diseases in Asia” Project (A summary of discussions at the conference)

Cities participating in the project need to enhance cooperation in preventing the outbreak or expansion in Asia of emerging and reemerging infectious diseases, including SARS and HPAI. To this end, the participating cities will implement the following measures:

1. Build the “Information Network System on Infectious Diseases” for exchange of information and opinions and the general sharing of information. Use such communication channels to study how to implement joint surveys and research on infectious diseases.
2. Promote human resources development by mutually providing training and inspection tour opportunities for infectious disease experts including medical doctors and researchers.

**ANMC21: Training Program
“Countermeasures to Combat Infectious Diseases
in Asia”, Tokyo, January, 2006**

1 Program focus

To provide specialist training and the exchange of technology and information on countermeasures to combat infectious diseases in metropolitan cities

2 Program (5days from January 16th to 20th, 2006)

- Observe the training against new type of influenza
at the Tokyo Metropolitan Bokutoh Hospital
- Inspection systems at the Tokyo Metropolitan Institute of Public Health
- AIDS Control in Tokyo (Consultation and testing system etc.)
- Countermeasures by TMG against infectious diseases
“E.coli (EHEC) situation in Tokyo” etc.

3 Participants

Four member cities (Bangkok, Jakarta, Taipei ,Hanoi)
Seven participants (doctors and researchers)



Training for new type of Influenza
(Tokyo Metropolitan Bokutou Hospital)

HIV research room
(Tokyo Metropolitan Institute of Public Health)



Research room for influenza and hepatitis
(Tokyo Metropolitan Institute of Public Health)



Thank you very much.