


TAIPEI: “Infectious Disease: Prevention Strategies and Emergency Response Procedures”

In the Department of Health of Taipei City Government, there are five Divisions and seven Offices to prevent the diseases. And there are some serious diseases which are ever gave a serious impact in Taiwan. There are SARS, New and Emerging Infectious Disease, Enterovirus Epidemic, Enterovirus and Related Disease, Tuberculosis and HIV/AIDS.


In 2003, SARS made a large panic in Taiwan, Taipei City-area Hospitals & clinics reported 1539 cases, 157 of which were Taipei City residents, by Residential quarantine and , Response System, Taiwan was removed from the epidemic region list On July 15, 2003,. After SARS, taipeu city government made some changes. 1) Organization overhaul, 2) Improved Noscomial Infection Control, 3) Disease Surveillance & Reporting, 4) Emergency Response System. 5) Enhance Health Education.



Response: Strategies to Counter SARS ₁

1. **Organization overhaul**
Establish Division for Disease Control and Prevention and on-site Infectious Disease Research Center
2. **Improved Noscomial Infection Control**
Fever screening stations for all incoming patients
Launch training and education of hospital staff
Improve prevention noscomial infection
Create protective inventory system to allow tracking and distribution of life-critical equipment
Implement preliminary Total Care-based nursing care system
3. **Disease Surveillance & Reporting**
Establish mutual reporting/sharing of Notifiable Disease Surveillance data
Establish mobile community-based infectious disease teams
Partner with central government to establish disease control measures

Taipei City Government




Response: Strategies to Counter SARS ₂

4. **Emergency Response System**
Develop Integrated infectious disease information system
Establish Emergency Operation Center (EOC)
Establish Incident Command System
Establish Taiwan Area's first-ever Disease Prevention Consulting Committee
5. **Enhance Health Education**
Host 2004 Asia-Pacific Anti-bioterrorism Symposium -
380 participants including medical professionals, hospital administrators, college personnel, fire service, police, professional and general public


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About New & Emerging Infectious Disease, Avian influenza was announced as a legally defined infectious disease on Dec. 29th, 2004. To prevent it, Taipei City Establish Joint Prevention Task Force for Avian Influenza. Provide assistance and consultation for individuals involved in poultry/livestock/domestic pet business and closely monitor all incidents of avian influenza.



New & Emerging Infectious Disease Prevention ₂

Avian Influenza Prevention & Control Exercises



Legend:
Department of Health receives reports from animal inspection division of chickens possibly carrying avian influenza virus ...
Staff dispatched to the scene pack euthanized chickens into plastic bags. Workers are then evacuated from danger zones and are sprayed thoroughly with disinfectant solution by the cleaning staff (especially armpit, groin areas and feet)

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New & Emerging Infectious Disease Prevention ₃

Joint Prevention Task Force for Avian Influenza of Taipei City Composed of experts from Departments of Health, Economic Development, Environmental Protection and Education to provide assistance, education and consultation specifically to Zoos, Guandu Nature Park, Poultry/Domestic Pet Businesses




Staff from Departments of Economic Development and Environment Protection visiting Guandu Nature Park for disease prevention education

Staff from Departments of Economic Development and Health were visiting Pet Bird/Poultry vendors for disease prevention education


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Through School Reporting System and Hospital Reporting System, Enterovirus & Related Disease had been well-control. In school, Enhanced Health Education, Advocate Frequent Hand Washing and Equipment Cleaning, Convene Inter-agency Meetings to improve cooperation, Improve Epidemic Surveillance Systems and Establish Bilingual Reporting System were spread to every student and their family.

Enterovirus & Related Disease Prevention 3

Prevention and Treatment Strategies

- Enhanced Health Education
- Advocate Frequent Hand Washing and Equipment Cleaning
- Convene Inter-agency Meetings to improve cooperation
- Improve Epidemic Surveillance Systems
- Establish Bilingual Reporting System





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Tuberculosis Prevention 1

Prevention and Treatment Strategies

- Screen high-risk communities for possible infectious cases
- Establish reporting network system
- Establish special tuberculosis task force
- Apply Directly Observe Treatment; Short course (DOTS)
- Improve the completion rate for full treatment
- Reduce the drop-out rate for full treatment
- Establish Taipei City tuberculosis Prevention Committee



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Tuberculosis is also an important disease in Taiwan, the public health worker made a large effort in this area. With their exert, Screen high-risk communities for possible infectious cases, Establish reporting network system, Establish special tuberculosis task force, Apply short-ranged observation and treatment approaches, Improve the completion rate for full treatment, Reduce the drop-out rate for full treatment and Establish Taipei City tuberculosis Prevention Committee were ready for fighting it.

Tuberculosis Prevention 1

Prevention and Treatment Strategies

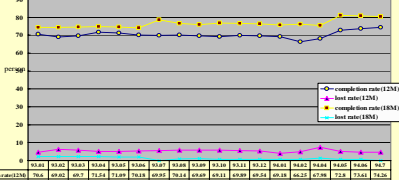
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Tuberculosis Prevention 2

Tuberculosis Control via Community Public Health Management in Taipei City 2004-2005



Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
completion rate (12M)	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
completion rate (18M)	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
completion rate (19M)	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0

Results

- Improved treatment rates for infected patients; the overall environment has become healthier for general public
- The improvement and reduction of finish and drop-out rates, respectively, have been ranked at No.3 or above since 2002

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In any case, Department of Health of Taipei City Government Establish professional mobile disease prevention teams, Enhance disease reporting system efficiency, Prevent disease occurrence and reduce overall mortality, Improve noscomial infection prevention, Urge communities to improve disease surveillance and reporting, Investigate reported cases with high efficiency and Participate in international organizations' public efforts. With lots of confidents and exert, Department of Health of Taipei City Government is ready to prevent Future Disease.