

## Constructing an Amoebic e-Questionnaires System

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### Abstract

*In order to establish a comprehensive and flexible epidemiologic and laboratory investigation system, the Taiwan CDC initiated efforts in constructing an Amoebic e-Questionnaires System to prepare for the future needs of bioterrorism and emerging/reemerging infectious diseases. The concept of Amoebic e-Questionnaires System was to establish a uniformed comprehensive infectious disease investigation system with advantages of timely data collection, can accommodate the future needs including generating situation-suitable questionnaire within seconds, and filling up experience gap, and can chronologically analyze the same disease, syndrome, and scenarios or individuals over time. This system can accommodate twenty basic modules that may be grouped into a flexible module question bank to cover the investigational needs of 44 notifiable diseases, 23 reporting infectious diseases, six acute and severe syndromes from the syndromic surveillance systems and other uncountable scenarios covered by the Investigation Taskforce for Diseases of Unknown Causes. This system is anticipated to serve as a crucial part of the preparedness for bioterrorism and emerging/reemerging infectious diseases.*

*Keywords: emerging infectious disease, web-reporting, field investigation, syndrome, surveillance, Taiwan*