

Outbreak Investigation Express

First Domestic Measles Outbreak Linked to an Imported Case -Taiwan, 2014

Shu-Ling Pan¹, Sung-Hsi Wei^{1,2}, Wen-Yueh Cheng³, Tzu-Ning Huang⁴,
Mei-Chun Hung⁴, Du-Lin Lin¹, Pei-Fang Lai¹, Ching-Fen Ko^{1,5}

1. Central Regional Center, Centers for Disease Control, Ministry of Health and Welfare, Taiwan
2. Institute of Public Health, National Yang Ming University
3. Center for Research, Diagnostics and Vaccine Development, Centers for Disease Control, Ministry of Health and Welfare, Taiwan
4. Health Bureau of Taichung City Government
5. Department of Public Health, Tzu Chi University

Abstract

Measles is an acute viral infectious disease with clinical manifestations ranging from mild illness to lethal outcome. One man who came back from Philippines was diagnosed with measles in April 2014. The genotype of the virus strain was B3 which had been endemic in the Philippines. Of the 90 contacts, two developed measles with the same genotype during the follow-up periods. Our report highlights the significance of laboratory diagnostics in measles outbreak investigation. Individuals, of whom the immunity against measles might have waned gradually after vaccination, are potentially susceptible to infection after exposure to measles patient.

Keyword: Measles, genotyping of measles, measles vaccine

The Taiwan Epidemiology Bulletin series of publications is published by Centers for Disease Control, Ministry of Health and Welfare, Taiwan (R.O.C.) since Dec 15, 1984.

Publisher : Hsu-Sung Kuo

Editor-in-Chief : Tsuey-Fong Lee

Telephone No : (02) 2395-9825

Executive Editor : Hsiu-Lan Liu, Chien-Chun Chen

Website : <http://www.cdc.gov.tw/teben>

Address : No.6, Linshen S. Road, Taipei, Taiwan 100 (R.O.C.)

Suggested Citation :

[Author].[Article title].Taiwan Epidemiol Bull 2013;29:[inclusive page numbers].