

- RJ, Bakker D, van Zijl Erveld FG, van Soolingen D. Prevalence of *Mycobacterium avium* in slaughter pigs in the Netherlands and comparison of IS 1245 restriction fragment length polymorphism pattern of porcine and human isolates. *J Clin Microbiol* 1999; 37:1254-9.
17. Guerrero S, Bernasconi C, Burki D, Bodmer T, Talenti A. A novel insertion element from *Mycobacterium avium*, IS 1245, is a specific target for analysis of strain relatedness. *J Clin Microbiol* 1995;33:304-7.
18. Chuchottaworn C, Sathapatayawongs B, Tansuphsawadikul S, Suwannagool S, Kantipong P, Pornchaipoonthavee S. Prevalence of disseminated *Mycobacterium avium* Complex infection in Thai AIDS patients. *J Med Assoc Thai* 1999;82:643-7.
19. Wongwatana S, Sriyabhaya N. Nontuberculous mycobacterial infection of the lung in a chest hospital in Thailand. *J Med Assoc Thai* 1992;75:1-10.
20. Foongladda S, Prasong N, Eampokalap B, Sutthent R. (2004) Disseminated non-tuberculous mycobacterial infection in AIDS Patients:16SrRNA gene sequence species and drugs susceptibility. *Siriraj Hosp Gaz* 2004;56:116.
21. Sungkanuparph S, Prachartam R. The yield of mycobacterial blood culture in the diagnosis of disseminated mycobacterial infection in patients with and without HIV infection. *J Infect Dis Antimicrob Agents* 2002;19:1-5.

MYCOBACTERIA OTHER THAN TUBERCULOSIS

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Abstract Mycobacteria other than tuberculosis (MOTB) is a group of *Mycobacterium spp.* Which doesn't cause tuberculosis both in human and animals. Since the AIDS epidemic, the occurrence of MOTB has been continuously increasing, especially *Mycobacterium avium* complex (MAC) or *Mycobacterium avium-intracellulare* complex (MAIC), which are opportunistic bacteria most isolated from patients which lower respiratory system problem as well as HIV patients. Most of human isolates are genetically related to animal isolates especially pig isolates. The number of Thai patients, affected by MAIC is relatively high. Although there had not been any report about MAIC in animals, it is necessary to perform researches and surveillances in order to identify MAIC reservoirs for patients and make the protection program for patients at risk. *Chiang Mai Veterinary Journal* 2006;4(2):149-156.

Keywords: Mycobacteria
