



INFECTIOUS DISEASES (BACTERIAL, FUNGAL, VIRAL, PARASITIC, INFESTATIONS)

A CASE OF PENICILLIOSIS MARNEFFEI WITHOUT HIV INFECTION

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Background: *Penicillium marneffei* is prevalent in Southeast Asia, including some regions in China (e.g., Guangdong, Guangxi, Yunnan, Hong Kong, Taiwan), and nearby countries including Thailand, Laos, and Malaysia². It is capable of causing fatal systemic mycosis in immunocompromised individuals, especially in HIV-positive patients. However, few people suffer from *Penicillium marneffei* infection in an immunocompetent state. Here, we report a case of penicilliosis marneffei without HIV infection.

Observation: We herein report a case of non-HIV patient with *P.marneffei* infection in China. A 33-year-old Chinese woman present with a 1-month history of skin lesions on the trunk, limbs and buttocks. The lesions had started as rash, and developed into erythema annular, papulovesicles and pustules, that had been misdiagnosed as skin infection, allergic dermatitis, acute generalized exanthematous pustulosis or pustular psoriasis at the beginning. The patient was eventually confirmed to be infected with *P.marneffei*, she was cured using sequential treatment of intravenous amphotericin B for 14 days and itraconazole Oral solution for 180 days. The case highlights a rare infection in a non-HIV patient and her pleomorphic lesions.

Key message: *Penicillium marneffei*, HIV-negative patient, China.

