Case Reports of Nocardiosis in Patients with Human Immunodeficiency Virus (HIV) Infection

C C Lee,* MBBS, M Med (Int Med), MRCP (UK), L W P Loo,** MBBS, M S Lam,*** FAMS, M Med (Int Med), MRCP (UK)

Abstract

Introduction: We present 4 local cases of nocardiosis in HIV-infected patients and discuss the diagnosis, clinical syndromes and therapy of nocardiosis. Clinical Picture: Two cases presented with pulmonary nocardiosis, one had a cervical lymph node abscess and one had disseminated nocardiosis with pulmonary, cerebral and soft tissue involvement. Treatment: Combination therapy is often employed. Sulphonamides or co-trimoxazole, amikacin, imipenem, minocycline and ceftriaxone are some of the drugs that could be used. Outcome: Outcome hinges on the early recognition and optimal treatment of this infection. Conclusions: Clinical presentations vary and diagnosis is difficult and frequently delayed. Nocardiosis should be suspected in patients who present with pulmonary lesions with soft tissue and/or cerebral abscesses.


Key words: Abscess, AIDS, Antibiotics, Brain, Nocardia, pulmonary

* Associate Consultant
** Medical Officer
*** Consultant

Department of Infectious Disease
Communicable Disease Centre
Tan Tock Seng Hospital

Address for Reprints: Dr Lee Cheng Chuan, Department of Infectious Disease, Communicable Disease Centre, Tan Tock Seng Hospital, Singapore 308433.