CASE REPORT

CUTANEOUS MILIARY TUBERCULOSIS IN A RENAL TRANSPLANT PATIENT: A CASE REPORT AND LITERATURE REVIEW

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Abstract. The incidence of tuberculosis in renal transplant recipients is higher than in the general population. However, the incidence of cutaneous miliary tuberculosis in these patients is very rare. We report a 56-year-old renal transplant Thai man admitted to the hospital with prolong fever, dry cough and multiple small erythematous papules on his extremities. A chest X-ray revealed diffuse miliary infiltration. *Mycobacterium tuberculosis* DNA was demonstrated in bronchoalveolar lavage fluid by polymerase chain reaction. Histopathology of a skin biopsy showed poorly formed noncaseating granulomatous inflammation in the lower dermis and was positive for many acid-fast bacilli. Miliary tuberculosis of the lung and skin were diagnosed. The respiratory symptom and the skin lesions improved after treatment with anti-tuberculous drugs.

Key words: *Mycobacterium tuberculosis*, cutaneous miliary, tuberculosis, renal transplant

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