

Successful treatment of life- threatening melioidosis with activated protein C and meropenem

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摘要

Abstract

Melioidosis is an endemic disease in southeast Asia and northern Australia, caused by *Burkholderia pseudomallei*. A typhoon-related outbreak occurred in southern Taiwan in July 2005. High mortality in melioidosis associated with bacteremic pneumonia and septic shock. We report a patient with life-threatening melioidosis who developed rapid progression of bacteremic pneumonia with acute respiratory distress syndrome, septic shock and multiple organ dysfunction and was successfully treated with recombinant human activated protein C (rhAPC) and meropenem. Although rhAPC has been reported to reduce the mortality of severe septic shock caused by various pathogens, to our best knowledge, this is the first reported case of rhAPC application in life-threatening melioidosis.