



衛生防護中心  
Centre for Health Protection

**Statement from the Expert Group on a suspected case of Acute Disseminated Encephalomyelitis with history of human swine influenza vaccination**

**10 February 2010**

**CLINICAL HISTORY**

On 4 February 2010, Centre for Health Protection (CHP) received report of a suspected case of encephalitis following human swine influenza (HSI) vaccination.

The patient was a 67-year-old woman who developed generalised weakness on 12 January 2010, followed by fever and headache on 15 January 2010. She had undiagnosed diabetes mellitus and she went into septicaemic shock and renal failure requiring renal replacement therapy. She is currently staying in the intensive care unit in critical condition.

Further magnetic resonance imaging (MRI) examination of the brain done on 1 February 2010 showed features suggestive of acute disseminated encephalomyelitis (ADEM). Other differential diagnoses include vasculitis, multiple infarcts and infection.

She received HSI vaccine on 23 December 2009 in a government outpatient clinic.

Further investigations are ongoing to determine the cause of her illness.

**BACKGROUND INCIDENCE OF ADEM**

Locally, the exact incidence of ADEM is not known. From record reviews, we noted that there had been at least one case that was preceded by seasonal influenza infection and another preceded by HSI infection in 2008 and 2009 respectively.



## EXPERT GROUP COMMENTS

The clinical features of this patient are compatible with ADEM. Further investigations are ongoing to better delineate the cause of her illness. Her illness is unlikely to be caused by HSI vaccine.

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This statement represents the consensus view of members of the Expert Group reached in the light of scientific information accessible and examined at the time of its release.

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Protection is a  
professional arm of the  
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