



**衛生防護中心**  
Centre for Health Protection

**Scientific Committee on Emerging and Zoonotic Diseases**  
**Scientific Committee on Vaccine Preventable Diseases**  
**Scientific Committee on Advanced Data Analysis and  
Disease Modelling**

**Recommendations on Human Swine Influenza (HSI)  
Vaccination**

**Background**

On 18 January 2010, the Scientific Committee on Vaccine Preventable Diseases, Scientific Committee on Emerging and Zoonotic Diseases, and Scientific Committee on Advanced Data Analysis and Disease Modelling examined the latest data in HSI and HSI vaccination. The Scientific Committees provide the following recommendations.

**Recommendation**

Target groups

2. Taking into account the latest scientific data including local disease epidemiology, international experience, World Health Organization (WHO) recommendations, the Scientific Committees reaffirm their recommendations for HSI vaccination for the following target groups:--

- health care workers;
- persons with chronic illnesses and pregnant women;
- children between the age of 6 months and less than 6 years;
- elderly persons aged 65 years or above; and
- pig farmers and slaughterhouse workers.



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3. For persons outside the target groups, the Scientific Committees consider that there are uncertainties in risk assessment and inherent lack of knowledge about the second wave of HSI to arrive at a recommendation for mass vaccination of these persons. These individuals may choose to receive HSI vaccination based on their own consideration.

4. Regarding the case of primary schoolchildren, the Scientific Committees examine local serology data which show approximately half of them have adequate antibody level to HSI. This suggests that a substantial number of primary schoolchildren will already have immunity against HSI infection in the coming second wave. At the present moment, the Scientific Committees do not regard primary schoolchildren as a special target group recommended for HSI vaccination.

#### Dosing schedule

5. Currently available data suggests that one dose of HSI vaccine is sufficient for persons aged 9 years or older while two doses are required for children aged between 6 months to 8 years. The two doses should be administered at least three weeks apart.

6. This recommendation is subject to review if and when new evidence becomes available.

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

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## Correspondence:

Address : CHP Scientific Committee Secretariat  
4/F Programme Management and Professional Development  
Branch,  
Centre for Health Protection, Department of Health,  
147C Argyle Street, Kowloon, Hong Kong

Telephone : 2125 2182  
Facsimile : 2761 3272  
Email : [sc\\_chairman@dh.gov.hk](mailto:sc_chairman@dh.gov.hk)

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