



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.



衛生防護中心乃衛生署
轄下執行疾病預防
及控制的專業架構

The Centre for Health

Protection is a

professional arm of the

Department of Health for

disease prevention and

control

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.

*** **

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.

Acknowledgements

This document has been developed jointly by the Scientific Committee on Advanced Data Analysis and Disease Modelling (SCADADM), the Scientific Committee on Emerging and Zoonotic Diseases (SCEZD) and the Scientific Committee on Vaccine Preventable Diseases (SCVPD). The Centre for Health Protection would like to thank the contribution of the Scientific Committees for their valuable inputs.

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

Centre for Health Protection
Department of Health
First edition November 2009
Second edition December 2009
Third edition January 2010

The copyright of this paper belongs to the Centre for Health Protection, Department of Health, Hong Kong Special Administrative Region. Contents of the paper may be freely quoted for educational, training and non-commercial uses provided that acknowledgement be made to the Centre for Health Protection, Department of Health, Hong Kong Special Administrative Region. No part of this paper may be used, modified or reproduced for purposes other than those stated above without prior permission obtained from the Centre.