

# OVERVIEW OF “VALUE OF VACCINATION” SKILLS COURSE

A/Prof Goh Lee Gan

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## INTRODUCTION

The “value of vaccination” skills course is a follow up to the course conducted last year. Over the last year there have been developments in the vaccine scene for adults, children, travel, and cervical cancer prevention through the HPV vaccines. In the workshop, the topics to be covered will be the cold chain, injection techniques, management of adverse reactions, and travel medicine. The seminars and workshops should therefore be useful to the practitioner as an update. We look forward to you considering this skills course for your continuing professional development activities.

## COURSE OUTLINE AND CME POINTS

This skills course is made up of the following components. You can choose to participate in one or more parts of it. The CME points that will be awarded are also indicated below.

### Components and CME Points

- κ Distance Learning Course – 6 units (1 CME point per unit)
- κ 2 Seminars (2 CME points per seminar)
- κ 2 Workshops (2 CME points per workshop / attend only 1 workshop)
- κ Reading papers on VALUE OF VACCINATION – read 5 out of 10 recommended journals (max. of 5 CME points for the whole CME year)

### Distance Learning Course

- Unit 1 : Preventive Healthcare – The role of vaccinations in adults  
*Dr Wong Sin Yew*
- Unit 2A : Update on Adult Vaccination  
*Dr Lam Mun San*
- Unit 2A : Childhood Vaccines  
*Dr Chong Chia Yin*
- Unit 3 : Avian Influenza – Are we prepared?  
*A/Prof Helen Oh May Lin*
- Unit 4 : Cervical Cancer in Singapore – A status check  
*Clin A/Prof Tay Eng Hseon*
- Unit 5 : HPV Vaccine – A paradigm shift in the prevention of cervical cancer  
*Clin A/Prof Tay Sun Kuie*
- Unit 6 : Travel Vaccination – When, why, how? What is the role of family physicians?  
*A/Prof Annelies Wilder-Smith*

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## COURSE TOPIC DETAILS

### Unit 1: Preventive healthcare – The role of vaccinations in adults

- Introduction
- Adult Vaccination Levels
- Economic Values and Societal Benefits
- Convincing Family Physicians
- Recommendations and Clear Guidance

### Unit 2A: Diseases that Result in Disability in Infants and Children

- Introduction
- Human Papilloma Virus (HPV) Vaccines
- Varicella Zoster Vaccines
- Updated Guidelines on Varicella Vaccination
- Alternative Schedules for Hepatitis Vaccines
- New Guidelines for Meningococcal Vaccination
- FDA Approved Avian Influenza Vaccine
- Towards an Adult Vaccination Schedule for Singapore

### Unit 2B: Update On Childhood Vaccines

- The Immune System and Vaccines
- Vaccine Administration
- Contraindications
- Precautions
- Pain Control Measures
- Vaccine Storage
- Combination Vaccines
- The Singapore Childhood Immunisation Programme
- Optional Vaccines

### Unit 3: Avian Influenza – Are we prepared?

- Why is Avian Influenza a Concern?
- Prevention and Control of Avian Influenza

### Unit 4: Cervical Cancer in Singapore – A status check!

- Status Check

### Unit 5: HPV Vaccine – A paradigm shift in the prevention of cervical cancer

- Current Cervical Cancer Prevention Programme
- HPV in Cervical Cancer Development
- Primary Prevention of Cervical Cancer

### Unit 6: Travel Vaccination – When, why, how? What is the role of family physicians?

- Recommended Vaccines
- Travel Health Resources

## FACE-TO-FACE SESSIONS

### Seminar 1: 15 September 2007

2.00pm – 4.15pm

Unit 1 : Preventive healthcare – The role of vaccinations in adults

*Dr Wong Sin Yew*

Unit 2 : A. Update on Adult Vaccination

*Dr Lam Mun San*

B. Childhood Vaccines

*Dr Chong Chia Yin*

Unit 3 : Avian Influenza – Are we prepared?

*A/Prof Helen Oh May Lin*

### Workshop 1: 15 September 2007

4.30pm – 6.45pm

Group A:

Practical skills (*A/Prof Helen Oh May Lin*)

- Cold chain management
- Injection technique and rationale for vaccines route of administration
- Adverse reaction (e.g. anaphylactic shock – how to manage it?)

Group B:

Case studies (*Dr Wong Sin Yew*)

- Travel vaccination in various countries, e.g. family travelling to China/Cambodia/Philippines, and young back-packer to exotic countries (South Africa)

### Seminar 2: 16 September 2007

2.00pm – 4.15pm

Unit 4 : Cervical Cancer in Singapore – A status check

*Clin A/Prof Tay Eng Hseon*

Unit 5 : HPV Vaccine – A paradigm shift in the prevention of cervical cancer

*Clin A/Prof Tay Sun Kuie*

Unit 6 : Travel Vaccination – When, why, how? What is the role of family physicians?

*A/Prof Annelies Wilder-Smith*

### Workshop 2: 16 September 2007

4.30pm – 6.45pm

Group A:

Practical skills (*A/Prof Helen Oh May Lin*)

- Cold chain management
- Injection technique and rationale for vaccines route of administration
- Adverse reaction (e.g. anaphylactic shock – how to manage it?)

Group B:

Case studies (*A/Prof Annelies Wilder-Smith*)

Travel vaccination in various countries, e.g. family travel to China/Cambodia/Philippines, and young back-packer to exotic countries (South Africa)