

# OVERVIEW OF “INFECTIOUS DISEASE” FAMILY PRACTICE SKILLS COURSE

A/Prof Goh Lee Gan

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## INTRODUCTION

Infectious disease is the holy grail of modern day medicine in many sense of the word. It is difficult to know enough of the infectious diseases and there is always new and evolving information. As a group of diseases, infectious diseases are very action specific. We need to be diligent to spot the early epidemic and take the preventive steps to limit its spread. Vaccination, prophylaxis, personal protection, quarantine, and timely treatment are time tested strategies for bugs old and new. In this infectious disease update we had the benefit of the infectious disease experts in our midst who presented the six units in the Family Practice Skills Course. Together with several family physicians and the infectious diseases experts we have put together the notes of the topics covered in the Course in this issue of the Singapore Family Physician. Grateful thanks are due to the Health Promotion Board (HPB) for supporting this Family Practice Skills Course.

## COURSE OUTLINE AND CME POINTS

This Family Practice Skills Course is made up of the following components. The CME points that will be awarded for the participation in the different components of the Course are indicated below.

### Components and CME Points

- Distance Learning Course – 6 units (6 Core FM CME points upon attaining a minimum pass grade of 60% in Distance Learning Online MCQ Assessment)
- 2 Seminars attended (2 Core FM CME points per seminar)
- 2 Workshops attended (1 Core FM CME point per workshop)
- 10 Readings – one point for each reading up to 5 out of the 10 recommended journals (maximum of 5 CME points for the whole CME year)

### Distance Learning Course

Unit 1 : Emerging Infections and Role of Family Physician  
*A/Prof Goh Lee Gan*

- Unit 2 : Antimicrobial Resistance: Community and Hospital  
*Dr Farhad Fakhrudin Vasanwala, Dr Hsu Li Yang, A/Prof Goh Lee Gan*
- Unit 3 : Childhood Vaccination and Childhood Exanthems  
*Dr Ng Chee Lian Lawrence, Dr Lee Bee Wah, A/Prof Goh Lee Gan*
- Unit 4 : Adult Vaccination Update 2014  
*Dr Wong Sin Yew*
- Unit 5 : Travel Medicine in Primary Care  
*A/Prof Oh May Lin Helen*
- Unit 6 : Infection Control in Office-based Practices  
*Dr Subramaniam Surajkumar, Dr Wong Chen Seong*

## COURSE TOPIC DETAILS

### Unit 1: Emerging Infections and Role of Family Physician

- Definition of emerging infections
- Examples of emerging infections
- Factors for emergence
- Role of family physicians

### Unit 2: Antimicrobial Resistance: Community and Hospital

- Antimicrobial resistance
- Drivers in the development of antibiotic resistance
- Infection control
- Antibiotic stewardship

### Unit 3: Childhood Vaccination and Childhood Exanthems

- Introduction
- Singapore National Immunisation Schedule
- Current developments in the Singapore National Immunisation Schedule
- Childhood Exanthems
- Classic Exanthems
- Common present day viral exanthems
- Rash due to immunological causes

### Unit 4: Adult Vaccination Update 2014

- Introduction
- Influenza
- Pneumococcal infection
- Tetanus Diphtheria and Acellular Pertussis (TD or TDap)
- Varicella zoster
- Human papilloma virus
- Hepatitis vaccines
- Measles, mumps, rubella vaccine

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Unit 5: Travel Medicine in Primary Care

- Travel Vaccine
- Required immunisations
- Recommended immunisation
- Illness in the returned traveller

Unit 6: Infection Control in Office-based Practices

- Introduction
- Influenza
- Latent tuberculosis infection
- Pneumococcal disease

**FACE-TO-FACE SESSIONS****Seminar 1: 29 March 2014, 2.00pm – 4.00pm**

Unit 1 : Emerging Infections and Role of Family Physician  
*A/Prof Goh Lee Gan*

Unit 2 : Antimicrobial Resistance: Community and Hospital  
*Dr Hsu Li Yang*

Unit 3 : Childhood Vaccination and Childhood Exanthems  
*Dr Lee Bee Wah*

**Workshop 1: 29 March 2014, 4.30pm – 5.45pm**

Motivational Interviewing

- Key Ideas in Facilitating Behaviour Change
- Skills Application

*Dr Loh Weng Keong Victor*

*Facilitators from Health Promotion Board (HPB)*

**Seminar 2: 30 March 2014, 2.00pm – 4.00pm**

Unit 4 : Adult Vaccination Update 2014  
*Dr Wong Sin Yew*

Unit 5 : Travel Medicine in Primary Care  
*A/Prof Oh May Lin Helen*

Unit 6 : Infection Control in Office-based Practices  
*Dr Wong Chen Seong*

**Workshop 2: 30 March 2014, 4.00pm – 5.30pm**

Case Studies

*Dr Wong Sin Yew*