

OVERVIEW OF “VACCINATIONS 2010: WHAT’S OLD, WHAT’S NEW” FAMILY PRACTICE SKILLS COURSE

A/Prof Goh Lee Gan

SFP2010; 36(2): 6-7

INTRODUCTION

The vaccine-preventable diseases continue to make progress. What is old is not necessarily obsolete. A good case in point would be the endemic diseases that inflict harm and death on mankind. The 9 vaccine preventable diseases covered by the expanded programme of immunization for the child continue to be important. There is no place for complacency with regards to these diseases. The rank and file of society need to be reminded of the need for childhood immunization to keep up herd immunity and therefore the individual child protected. We also need to protect the public from the likes of Wakefield who may sway parents from having their children immunized through erroneous views and flawed research findings. On a more positive note, there are new advances in vaccines from the now familiar combination vaccines for childhood immunizations to immunization against yet another oncovirus, the HPV vaccine. The success of immunization against Hepatitis B virus as an oncovirus is now history. The effectiveness of the HPV vaccine in preventing cervical cancer into the future will depend a great deal on the understanding and acceptance of the HPV vaccine by provider and patient. Then there are the pneumococcal vaccines, the influenza virus vaccines, and the Rotavirus vaccines that have been introduced. These too can be useful armamentarium of defence when used appropriately. These will be the topics for this family practice skills course.

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

- Distance Learning Course – 6 units (6 CME points upon completing the Distance Learning Online Assessment)
- 2 Seminars (2 CME points per seminar)
- Workshops (max. of 2 CME points)
- Reading papers on VACCINATION 2010 – read 5 out of 10 recommended journals (max. of 5 CME points for the whole CME year)

GOH LEE GAN, Associate Professor, Head, Division of Family Medicine, University Medicine Cluster, National University Health System
Senior Consultant, Institute of Family Medicine, College of Family Physicians Singapore

Distance Learning Course

- Unit 1 : Value of Vaccination
A/Prof Goh Lee Gan
- Unit 2 : Routine Paediatric Vaccines
A/Prof Anne Goh Eng Kim
- Unit 3 : Pneumococcal, and H1N1 and Seasonal Influenza Vaccines for Children – How to advise
Prof Lee Bee Wah
- Unit 4 : Cervical Cancer Vaccines
Dr Tay Eng Hseon
- Unit 5 : Pneumococcal Vaccination in Adults
Dr Wong Sin Yew
- Unit 6 : Seasonal Flu and Travellers Vaccine
A/Prof Helen Oh May Lin

COURSE TOPIC DETAILS

Unit 1: Value of Vaccination

- Anti-vaccination movements
- What maintains parental support for vaccination
- Vaccine advocacy
- The contribution of vaccination
- Need for surveillance for adverse events
- Other considerations beyond vaccination

Unit 2: Routine Paediatric Vaccines

- Tuberculosis in Singapore
- Hepatitis B Infection in Singapore
- Diphtheria, Pertussis, Tetanus, and Poliomyelitis
- Measles, Mumps, and Rubella
- Combination Vaccines

Unit 3: Pneumococcal, and H1N1 and Seasonal Influenza Vaccines for Children – How to advise

- Introduction
- Pneumococcal disease in Singapore
- Conjugated pneumococcal vaccines
- Which pneumococcal conjugate vaccine to select
- Which Vaccine Schedule to Adopt
- Polysaccharide Pneumococcal Vaccines
- Seasonal and H1N1 Influenza in Singapore
- H1N1 and Seasonal Influenza Vaccination in Children

Unit 4: Cervical Cancer Vaccines

- Introduction – Are we confused about the data?
- What has happened so far?
- HPV Vaccines Trials
- A Chronological Perspective – Key to Clear Understanding of the Data
- The Future

Unit 5: Pneumococcal Vaccination in Adults

- Introduction
- Use of Pneumococcal Polysaccharide Vaccine (PPV 23)
- Controversies on the 23 Valent Pneumococcal Polysaccharide Vaccine (PPV)
- Impact of Pneumococcal Conjugate Vaccine in Children and Adults
- PCV in Adults
- Future

Unit 6: Seasonal Flu and Travellers Vaccine

- Introduction
- Seasonal Influenza Vaccines
 - Antigenic Variation
 - Seasonal Influenza Vaccine
 - General recommendations
 - Pandemic Influenza A (H1N1)
 - Recommended use of influenza A (H1N1) vaccine
- Travellers Vaccines
 - Required Immunizations
 - Recommended Immunizations

FACE-TO-FACE SESSIONS

Seminar 1: 22 May 2010

2.00pm – 4.15pm

Unit 1: Value of Vaccination

A/Prof Goh Lee Gan

Unit 2: Routine Paediatric Vaccines

A/Prof Anne Goh Eng Kim

Unit 3: Pneumococcal, and H1N1 and Seasonal Influenza Vaccines for Children – How to advise

Prof Lee Bee Wah

Workshop 1: 22 May 2010

4.30pm – 5.30pm

Workshop A: Demo/Practical Skills

- Baby bonus and Medisave for immunization
- Vaccines schedule

Seminar 2: 23 May 2010

2.00pm – 4.15pm

Unit 4: Cervical Cancer Vaccines

Dr Tay Eng Hseon

Unit 5: Pneumococcal Vaccination in Adults

Dr Wong Sin Yew

Unit 6: Seasonal Flu and Travellers Vaccine

A/Prof Helen Oh May Lin

Workshop 2: 23 May 2010

4.30pm – 5.30pm

Workshop C: Case Studies

- Seasonal flu and travelers vaccines