



香港中文大學
The Chinese University of Hong Kong



香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong

Course in NIPT: A Practical Guide

Date: **16 February 2014 (Sun)** Time: **09:00–16:00**

Kai Chong Tong, Postgraduate Education Centre, Prince of Wales Hospital

Introduction

Since the launch of the service 2 years ago, **Non-Invasive Prenatal Testing (NIPT)** using cell-free fetal DNA has become increasingly popular in Hong Kong and around the world. This course will provide the latest information on NIPT, and its integration with the current prenatal diagnostic tests. The course will address several practical issues that are commonly encountered during prenatal counseling and decision making. *We welcome participants' submission of cases or data related to NIPT which they want to share. Interesting abstracts may be selected for oral presentation.*

Organisers

Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong

Accreditation (Pending)

CME points accredited by Hong Kong College of Obstetricians and Gynaecologists for the O&G specialists

CME points accredited by Hong Kong College of Pathologists for the Pathologists

CME points accredited by Hong Kong College of Paediatricians for the Paediatricians

CME points accredited by Faculty of Medicine, CUHK for the practising doctors

CPD points accredited by the Medical Laboratory Technologist (MLT)

Board for the Laboratory Technicians

PEM points accredited by Dept of O&G, CUHK for the midwives

Language

English

Registration, abstract submission and enquiry

Miss Clara LAU

1/F, Block E, Dept. of Obstetrics and Gynaecology,

Prince Wales Hospital, Shatin, Hong Kong

Tel: 852-2632 1535 Fax: 852-2636 0008

Email: clarayyl@cuhk.edu.hk

Registration Form

Surname _____ First Name _____

Title Prof. / Dr. / Mr. /Ms _____

Specialty Obstetrician / Paediatrician/ Pathologist / Midwife / Trainee / scientist / Allied health workers _____

Others: _____

Department _____

Affiliation _____

Address _____

Tel _____ Fax _____

Email _____

Payment Method

Registration Fee

HKD1,000 for Specialists

HKD600 for Trainees / Midwives / Allied health workers / scientists

Please return the registration form with payment (**non-refundable**) to

Miss Clara LAU, Dept. of O&G, 1E, Prince of Wales Hospital, Shatin, Hong Kong

By Cheque (Payable to **The Chinese University of Hong Kong**)

Cheque no.: _____ Bank Name: _____

By Credit Card (in Hong Kong Dollars only)

Visa MasterCard

Card holder's name (Block letter): _____

Signature: _____ Date: _____

Credit Card Number _____ Expiry Date (mm/yy)

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Programme Details

| Time | | Title | Speaker |
|--------------------|-----------|---------------------------------------------------------------------------------------------|----------|
| 08:30-09:00 | | Registration | |
| Session 1 | | | |
| 09:00-09:10 | 10 | Basic principle in NIPT: What clinicians need to know? | TY Leung |
| 09:10-09:30 | 20 | How good is NIPT for detecting T21 /T18 / T13 in real practice? | TN Leung |
| 09:30-09:50 | 20 | How about sex identification and X-chromosomes aneuploidies? | TY Leung |
| 09:50-10:10 | 20 | International Guidelines on the use of NIPT | WK To |
| 10:10-10:25 | 15 | Cost-effectiveness of NIPT in practice | D Sahota |
| 10:25-10:40 | 15 | Are Invasive diagnostic procedures really 'invasive'? | WC Leung |
| 10:40-10:50 | 10 | What do pregnant women want? | O Chan |
| 10:50-11:10 | 20 | Tea Break | |
| Session 2 | | | |
| 11:10-11:35 | 25 | Microdeletion and microduplication syndromes: how common are they? | TY Leung |
| 11:35-12:00 | 25 | Update on the Technologies of aCGH and different platforms | R Choy |
| 12:00-12:20 | 20 | How to define pathogenic CNV? | TY Leung |
| 12:20-12:50 | 30 | How useful is aCGH in prenatal diagnosis? | Y Cheng |
| 12:50-13:30 | 40 | Lunch | |
| Session 3 | | | |
| 13:30-13:50 | 20 | Beware of secondary findings from NIPT | R Choy |
| 13:50-14:05 | 15 | Is NIPT applicable in twin pregnancies? | Y Cheng |
| 14:05-14:35 | 30 | Clinical applications of SNPs in non-invasive screening for aneuploidies and microdeletions | B Su |
| 14:35-14:55 | 20 | Variation in Technology for NIPT | R Choy |
| 14:55-15:15 | 20 | Can NIPT detect microdeletion syndromes? | TY Leung |
| 15:15-15:35 | 20 | Post NIPT Counseling | E Hau |
| 15:35-15:45 | 10 | Abstract presentation | |
| 15:45-16:00 | 10 | Open discussion | |
| 16:00 | | Closing | |

Speakers

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|------------------------|----------------------------------------------------------------------------------------------------------------------|
| CHAN Yiu Man Olivia | Resident Department of Obstetrics and Gynaecology Prince of Wales Hospital |
| CHENG Kwun Yue Yvonne | Assistant Professor Department of Obstetrics and Gynaecology The Chinese University of Hong Kong |
| CHOY Kwong Wai Richard | Associate Professor Department of Obstetrics and Gynaecology The Chinese University of Hong Kong |
| HAU Wai Lok Edgar | Medical Officer, Clinical Genetic Service Department of Health |
| LEUNG Tak Yeung | Chairman and Professor Department of Obstetrics and Gynaecology The Chinese University of Hong Kong |
| LEUNG Tse Ngong Danny | Director, Maternal and Fetal Medicine Specialist in Obstetrics and Gynaecology Hong Kong Sanatorium & Hospital |
| LEUNG Wing Cheong | Chief of Services Department of Obstetrics and Gynaecology Kwong Wah Hospital |
| SAHOTA Daljit Singh | Associate Professor Department of Obstetrics and Gynaecology The Chinese University of Hong Kong |
| Bowdoin SU | Medical Science Liaison, Natera, Inc USA. |
| TO Wing Kee | Consultant Department of Obstetrics and Gynaecology United Christian Hospital |

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