

3D/4D Ultrasound in Reproductive Medicine

Date: 28 February & 1 March 2015

Time: 09:00 - 17:30 (Day 1) / 09:00 - 16:15 (Day 2)

Venue: Lecture Theatre, 2/F, Lui Che Woo Clinical Sciences Building, Prince of Wales Hospital (beside Li Ping Medical Library)

Organiser: Prof LI Tin Chiu

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

What is the aim of this course?

The aim of the course is to present the up to date evidence of the value, use and clinical applicability of 3D/4D ultrasound in gynaecology and reproductive medicine. Furthermore, the course will demonstrate how to analyze 3D/4D volumes using the latest available software (VOCAL, Sono-AVC) and techniques on how to perform 3D/4D HyCoSy procedures using the Contrast-Coded Imaging (CCI) software. Interactive and practical sessions will be included on both days of the course.

Who should attend this course?

The Gynaecology ultrasound course is aimed at health professionals working in the area of gynaecology and reproductive medicine. These include O&G Specialists, O&G trainees, Sonographers, Fertility nurses and Gynaecology nurses with an interest in ultrasound.

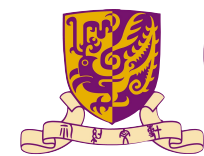
Registration Fees

HK\$1,500 (Lectures only)

HK\$2,500 (Lectures and practical sessions,
18 spaces only)

Preparation

Candidates are advised to bring their own laptop to the course. They are advised to download a demo of 4D View in preparation prior to the commencement of the course.



Preparation Accreditation (Pending)

- **CME points** accredited by Hong Kong College of Obstetricians and Gynaecologists for the O&G specialists (with Reproductive Medicine sub-speciality)
- **CME points** accredited by Faculty of Medicine, CUHK for the practising doctors
- **CNE points** accredited by The Nethersole School of Nursing, CUHK for nurses
- **CPD points** accredited by the Medical Laboratory Technologist (MLT) Board for the laboratory technicians

Language

English

Registration and Enquiry

Miss Annie YAU

Dept. of O&G, 1/F, Block E,

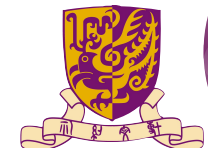
Prince of Wales Hospital, Shatin, Hong Kong

Tel: 852-2632 1534 Fax: 852-2636 0008

Email: annie.yau@cuhk.edu.hk

Speakers

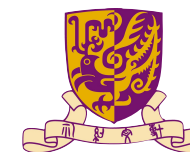
- **Prof. LI Tin Chiu**, *Professor, Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong*
- **Dr. LI Xi Hong**, *Head of Imaging Department, Reproductive & Genetic Hospital of Citic-Xiangya, Hunan, China*
- **Prof. NG Hung Yu Ernest**, *Clinical Professor, Department of Obstetrics and Gynaecology, The University of Hong Kong*
- **Dr. Kamal OJHA**, *Consultant Gynaecologist & Honorary Senior Lecturer, Department of Obstetrics and Gynaecology, St. Georges Hospital, London, UK*
- **Dr. Sotirios SARAVELOS**, *Visiting Scholar, Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong*
- **Dr. WONG Wai Yee Alice**, *Clinical Assistant Professor (honorary), Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong*
- **Dr. YI Yan**, *Postgraduate student, Institute of Reproduction & Stem Cell Engineering, Central South University, Reproductive & Genetic Hospital of Citic-Xiangya, Hunan, China*
- **Prof. ZHANG Xin Ling**, *Associate Consultant, Department of Ultrasound, The Third Affiliated Hospital of Sun Yat-Sen University-LingNan Hospital, Guangdong, China*
- **Dr. ZHOU Min**, *Senior Application Specialist, GE Healthcare*



Programme Details

Day 1 Lecture (28 February 2015)				
<i>Getting to Grips with the Basics</i>				
8.30-9.00	Registration			
9.00-9.10	Introduction and welcome			TC Li
9.10-9.40	Setting up the machine			M Zhou
9.40-10.10	Systematic evaluation of the pelvis in 2D: practical aspects			K Ojha
10.10-10.40	3D/4D acquisitions and 4DView			M Zhou
10.40-11.00	Coffee Break			
<i>Practical Aspects and Clinical Relevance I</i>				
11.00-11.30	The diagnostic value of transvaginal three-dimensional volume ultrasound in uterine congenital malformations			Y Yi
11.30-12.00	Congenital uterine anomalies: Clinical relevance			TC Li
12.00-12.30	Congenital uterine anomalies: How to assess with 3DUS			S Saravelos
12.30-13.30	Lunch			
13.30-14.00	Tubal pathology with 2D/3D ultrasound			K Ojha
14.00-14.30	Blood flow/Doppler: measurements with 3DUS			M Zhou
Day 1 Workshop (28 February 2015)				
<i>Practical Sessions: Rotation Among 3 Stations (Group A)</i>				<i>(Group B)</i>
14.45-15.30	3DUS functions (VOCAL, SonoAVC, TUI OmniView)	3DUS assessment of uterine anomalies	3D assessment of blood flow	Basic 3D ultrasound application
15.30-16.15				
16.15-17.00				
17.00-17.30	Overall discussion			TC Li

Day 2 Lecture (1 March 2015)				
<i>Practical Aspects and clinical relevance II</i>				
9.00-9.30	Improving your images: From settings to rendering and cine-making			M Zhou
9.30-10.00	Endometrial blood flow in IVF and Recurrent Miscarriage			E Ng
10.00-10.30	Follicle tracking and SonoAVC: Evidence and how to perform			K Ojha
10.30-11.00	Coffee Break			
11.00-11.30	Saline infusion US: How to perform			K Ojha
11.30-12.00	4D HyCoSy: How to perform			XL Zhang
12.00-12.30	Cysts, fibroids and polyps			XL Zhang
12.30-13.30	Lunch			
Day 2 Workshop (1 March 2015)				
<i>Practical Sessions: Rotation Among 3 Stations (Group A)</i>				<i>(Group B)</i>
13.30-14.15	3D assessment of endometrial volume & blood flow	Saline-infusion US (Aquascan)	3D/4D HyCoSy	Basic 3D ultrasound application
14.15-15.00				
15.00-15.45				
15.45-16.15	Open discussion & Closing remarks			TC Li



Registration Form

Surname _____ First Name _____

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

Specialty _____ Obstetrician / Nurse / Trainee / Lab Technician / Scientist / Allied health workers / Others: _____

Department _____ Organization _____

Address _____

Tel _____ Fax _____

Email _____

Payment Method

Registration Fee (Lunch will be provided.)

HKD1,500 for Lecture only HKD2,500 for Lecture and Workshop (Quota: 18) If car park is required, car plate no.: _____

Please return the registration form with payment (non-refundable) to **Miss Annie YAU, 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): _____

Credit Card Number

Expiry Date (mm/yy)

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Signature: _____

Date: _____

