

Lecture Abstract

Event: Information Seminar on MSc in Maternal Fetal Medicine – All You Need to Know About 1st Trimester Screening & Prevention of Preeclampsia

Date: April 13, 2024 (Saturday)

Time: 10:00 – 11:30 (HKT)

Format: (To be confirmed – likely Zoom or in-person based on venue details)

This information seminar offers a unique dual opportunity for healthcare professionals interested in advancing their knowledge and careers in maternal-fetal medicine. The session combines a focused academic update on the latest developments in first-trimester screening and prevention of preeclampsia—a critical area in obstetric care—with an introduction to the Master of Science (MSc) in Maternal Fetal Medicine programme. Designed for obstetricians, gynaecologists, maternal-fetal medicine specialists, trainees, midwives, and allied healthcare professionals, this seminar aims to enhance clinical knowledge while providing insights into advanced education pathways in the field.

The seminar is structured around two complementary components. The first half features a keynote presentation on first-trimester screening and prevention of preeclampsia, delivered by a leading expert in maternal-fetal medicine. The second half serves as an information seminar on the MSc in Maternal Fetal Medicine programme, offering attendees a comprehensive overview of the curriculum, learning objectives, and career opportunities available to graduates.

Speakers

Prof. Liona POON

Department Chairperson & Professor (Clinical)

Department of Obstetrics & Gynaecology

The Chinese University of Hong Kong

Prof. Poon is a globally recognized leader in maternal-fetal medicine, with extensive expertise in first-trimester screening, prediction, and prevention of adverse pregnancy outcomes. Her presentation will provide a comprehensive update on the

principles and practice of first-trimester screening for preeclampsia, including the integration of maternal risk factors, biophysical markers (such as mean arterial pressure and uterine artery Doppler), and biochemical markers (such as placental growth factor and pregnancy-associated plasma protein-A). She will also discuss evidence-based strategies for the prevention of preeclampsia, including the role of low-dose aspirin, the importance of risk stratification, and the implementation of screening programs in clinical practice. Attendees will gain practical insights into optimizing early pregnancy care to improve maternal and neonatal outcomes.

Dr. Caitlyn LAU

Assistant Professor (Clinical)

Department of Obstetrics & Gynaecology

The Chinese University of Hong Kong

Dr. Lau will provide an overview of the MSc in Maternal Fetal Medicine programme, detailing the curriculum structure, core modules, research opportunities, and admission requirements. This segment is designed to inform obstetricians, gynaecologists, and trainees about advanced education opportunities that can enhance their clinical expertise, prepare them for leadership roles, and deepen their engagement with research and evidence-based practice in maternal-fetal medicine. Attendees will learn about the programme's unique features, the faculty expertise available, and the career pathways that graduates can pursue.

The seminar will conclude with a moderated Q&A session, allowing attendees to engage directly with both speakers, posing questions on clinical topics as well as the MSc programme. This interactive component fosters dialogue and provides a platform for exploring the intersection of clinical excellence and advanced education in maternal-fetal medicine.

This event is made possible through the support of the Professional Services Advancement Support Scheme (PASS) of the Government of the Hong Kong Special Administrative Region. By integrating a cutting-edge clinical update with information on advanced education, this seminar aims to inspire and empower healthcare professionals to pursue excellence in maternal-fetal medicine, ultimately contributing

to improved outcomes for mothers and their babies.