



PROFESSIONAL DIPLOMA PROGRAMME IN
FETAL THERAPY
2025 INTAKE (18-MONTH)

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY
THE CHINESE UNIVERSITY OF HONG KONG





Prof. LEUNG Tak Yeung

Programme Director

Assistant Dean (Mainland Affairs)

Professor and Team head of Fetal Medicine Team

MBChB (CUHK), MD (CUHK), FHKAM(O&G), FHKCOG, FRCOG

INTRODUCTION

The past two decades have yielded profound advances in the fields of prenatal diagnosis and fetal treatment. Ultrasonography and magnetic resonance imaging have led to more accurate diagnosis of fetal anomalies at an earlier gestation. Concomitantly, improvements in minimally invasive techniques such as fetoscopy and ultrasound guided procedures have allowed for more successful and safer in utero interventions for fetal diseases. Successful examples include fetoscopic laser coagulation for twin-twin transfusion syndrome, radiofrequency ablation for selective fetal reduction, fetoscopic endotracheal balloon occlusion for diaphragmatic hernia, which are shown to improve the survival of the affected fetuses. We are the referral centre for these advanced treatments in Hong Kong as well as in Asia.

With the improved outcomes, the demand for training on these special skills has been increasing. Yet, a structured and comprehensive training course in this area is lacking. We have been holding the annual Asia Pacific Congress in Fetal Therapy in the past few years, as well as short hands-on practical courses. With our professional and teaching experience, as well as the strong network of experts in the field, our programme can provide excellent training to professionals across Asia.

RENOWNED TEACHING FACULTY



PROGRAMME DIRECTOR



Professor Tak Yeung LEUNG
Assistant Dean (Mainland Affairs)
Professor, Department of Obstetrics and Gynaecology
and Team head of Fetal Medicine Team
The Chinese University of Hong Kong

TEACHING FACULTY



Professor Jan DEPREST
Leading International Fetal Surgeon
Consultant, University College London Hospitals
Professor of Obstetrics and Gynaecology, University College London
Academic Chair, Department of Development and Regeneration
and Director of the Centre for Surgical Technologies, Katholieke
Universiteit Leuven



Professor Jon HYETT
Professor of Obstetrics and Gynaecology
Western Sydney University, Australia
Clinical Academic in Obstetrics and Gynaecology, Head of MFM
South Western Sydney Local Health District, Australia



Professor Sailesh KUMAR
Head of Academy and Mayne
Professor of Obstetrics & Gynaecology
The University of Queensland, Australia



Professor Yves VILLE
Professor and Chairman,
Department of Obstetrics and Fetal Medicine
Paris Descartes University, France

MORE WILL COME...

WHAT TO DO

OUR OBJECTIVES ARE:

- To provide participants with the principles and current practices of Fetal Therapy.
- To equip students with advanced practical knowledge in conducting prenatal diagnosis and fetal treatment.
- To serve as a preparatory course for further postgraduate studies in Maternal Fetal Medicine.



WHAT TO EXPECT

AFTER THE COMPLETION OF PROGRAMME, GRADUATES WILL HAVE ACQUIRED THE ABILITY TO:

- master up-to-date technique in fetoscopic and ultrasound-guided fetal surgical procedures.
- gain up-to-date knowledge and technique of fetal pharmacological intervention.
- gain up-to-date knowledge and technique of fetal genetic and stem cell therapy.
- be competent in diagnosis, evaluation, and application of different fetal intervention.



COURSE STRUCTURE



The course covers the fetal physiology, anatomy and immunology, the pathologies and diagnoses of various fetal diseases, as well as advances in fetal therapy using surgical, medical, stem cell and genetic modalities. It is divided into 11 modules, and consists of lectures (82 hours), interactive sessions such as case-based discussion (17 hours), case presentation (27 hours), hands-on workshop (4 hours), and literature review:

1. Complicated multiple pregnancies: TTTS, TAPS
 2. Complicated multiple pregnancies: TRAPS, sFGR
 3. Fetal anaemia and amniotic fluid abnormalities
 4. Fetal hydrothorax and lung masses
 5. Fetal lower urinary tract obstruction and other fetal tumours
 6. Congenital diaphragmatic hernia
 7. Fetal spina bifida
 8. Fetal cardiac diseases and hands-on workshop
 9. Fetal infection, gestational alloimmune diseases and other medical treatments
 10. Fetal genetic diseases, stem cell and gene therapy
 11. Literature review
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TEACHING SCHEDULE

Date	Course Code	Course Name	Mode of Teaching
Aug 2025	FETH5004	Opening ceremony & orientation Fetal hydrothorax and lung masses	Face-to-face
Oct 2025	FETH5006	Congenital diaphragmatic hernia	Hybird
Dec 2025	FETH5001	Complicated multiple pregnancies: TTTS, TAPS Asia Pacific Conference in Fetal Therapy 2025	Hybird
Feb 2026	FETH5002	Complicated multiple pregnancies: TRAPS, sFGR	Hybird
Apr 2026	FETH5003	Fetal anaemia and amniotic fluid abnormalities	Hybird
Jun 2026	FETH5005	Fetal lower urinary tract obstruction and other fetal tumours	Hybird
Aug 2026	FETH5007	Fetal spina bifida	Hybird
Oct 2026	FETH5008 (A)	Fetal cardiac diseases	Hybird
Dec 2026	FETH5009	Fetal infection, gestational alloimmune diseases and other medical treatments Asia Pacific Conference in Fetal Therapy 2026	Hybird
Feb 2027	FETH5010	Fetal genetic diseases, stem cell and gene therapy	Hybird
Apr 2027	FETH5008 (B) FETH5011	Fetal Therapy Hands-on workshop Literature review Presentation Garduation Ceremony	Face-to-face

To enhance the learning experience and outcomes, we strongly recommend that you attend in person for each session, as our classes are highly interactive and feature live demonstrations or hands-on activities.



OVERVIEW

MODE OF STUDY

18-month part-time programme

MEDIUM OF INSTRUCTION

English

ENTRY REQUIREMENTS

Applicants should have medical or nursing related Bachelor's degree from a recognized university. Past academic records, working experiences and reference letters will be considered in the admission decision. There may be personal interview(s) for shortlisted candidates

ASSESSMENTS

Students will be assessed by examination, course assignment, presentation and clinical attachment.

GRADUATION REQUIREMENTS

To be awarded the Professional Diploma in Fetal Therapy, students are required to have an overall attendance rate of 70% and pass the assessments with an overall GPA not lower than 2.0.

TRANSFER OF UNIT(S)

This programme will be considered for credit transfer in MSc in Maternal Fetal Medicine organized by Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong.

TUITION FEE

HK\$88,000

APPLICATION FEE

HK\$200 (Non-refundable)

APPLICATION

Please submit application at
<https://cloud.itsc.cuhk.edu.hk/webform/view.php?id=13692504>



APPLY NOW:



ENQUIRES:

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