



Jointly organized by  
The Obstetrical and Gynaecological Society of Hong Kong  
The Hong Kong Neonatal Society

**Perinatal Symposium 2024-2025**

# **Congenital Abnormalities of Kidney and Urinary Tract**

**15th January 2025 (Wednesday)**

The Ballroom One-Three,  
18/F, The Mira Hong Kong,  
118 Nathan Road, Tsimshatsui, Kowloon

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# Welcome Message

**Dr. YY Lam**  
President, HKNS

Dear distinguished guests, participants, and colleagues in the fields of Obstetrics and Gynaecology, Paediatrics and Neonatology,

As the president of the Hong Kong Neonatal Society, it is my honour to extend a warm welcome to all of you at the 22nd Perinatal Symposium, co-organized with the Obstetrical and Gynaecological Society of Hong Kong. Since 2001, we have jointly organised 21 seminars, presenting various topics in the fields of perinatology and neonatology. The symposium provides a great opportunity for us to share knowledge and get the most updated information in different clinical areas concerning expecting mothers and babies.

With the excellent effort of the organising committee, this year we also come up with a theme that is a common interest for all of us. We have invited three distinguished speakers and experienced local experts including Dr. Lau Tze Kin, Dr. Alison LT Ma and Dr. Ivy HY Chan. They will talk on "Congenital Abnormalities of Kidney and Urinary Tract" (CAKUT) and their talks will cover the spectrum from prenatal diagnosis and management to medical and surgical management in children born with CAKUT. This theme also illustrates the importance of multidisciplinary collaboration in management of CAKUT.

Last but not the least, I would like to express my heartfelt appreciation to the organising committee, members of the two societies, our supporting organisation the Hong Kong College of Paediatric Nursing, our sponsor Mead Johnson Nutrition (HK) Ltd and all esteemed speakers. Without your effort and participation, we could not have organised the past and the current symposium. As usual, I am sure you will enjoy the symposium and the dinner.

At the beginning of the year, may I wish you all a successful 2025 with health and happiness.



**Dr. LAM Yuen Yu**  
President,  
The Hong Kong Neonatal Society

# Welcome Message

**Dr. KK Tang**  
President, OGS HK

Esteemed guests, participants, and distinguished colleagues in the fields of Obstetrics and Gynaecology and Paediatrics,

It is my honour as the president of the Obstetrical and Gynaecological Society of Hong Kong to extend a warm welcome to you at the 22nd Perinatal Symposium, co-organized with the Hong Kong Neonatal Society. Since our inception in 2001, we have gathered with a shared commitment to advancing knowledge and enhancing outcomes in maternal and neonatal health. This year, our focus centres on the critically important theme of congenital abnormalities of kidney and urinary tract abnormalities.

During this symposium, we shall explore cutting-edge research, innovative practices, and multidisciplinary approaches that can deepen our understanding and improve the management of these conditions. We are privileged to host three distinguished speakers: Dr. Lau Tze Kin, Dr. Alison Ma, and Dr. Ivy Chan. The array of expert presentations and interactive sessions is designed to inspire meaningful discussions and collaborative efforts that will ultimately benefit our patients and our practice.

I would like to express my heartfelt appreciation to the organizing committee members, our esteemed speakers, and all participants for their invaluable contributions. Your dedication and enthusiasm are instrumental in the success of this symposium. Let us seize this opportunity to exchange insights, learn from one another, and cultivate a network of collaboration that transcends this event.

Thank you for your presence, and I trust you will find this symposium both informative and enriching.



**Dr. TANG Kwok Keung**  
President,  
The Obstetrical and Gynaecological Society of Hong Kong

# List of Perinatal Symposium 2001-2023

List of Symposiums	Date	Theme
Inauguration Conference and dinner	10 <sup>th</sup> November, 2001	Various Topics in Perinatal Medicine
2 <sup>nd</sup> Perinatal Symposium	16 <sup>th</sup> November, 2002	Perinatal Topics & Controversies
3 <sup>rd</sup> Perinatal Symposium	25 <sup>th</sup> October, 2003	Medicolegal Topics in Perinatology
4 <sup>th</sup> Perinatal Symposium	30 <sup>th</sup> October, 2004	Screening and Management of Congenital Fetal Abnormality
5 <sup>th</sup> Perinatal Symposium	29 <sup>th</sup> October, 2005	Topics in Perinatal Medicine
6 <sup>th</sup> Perinatal Symposium	14 <sup>th</sup> October, 2006	Topics in Perinatal Medicine
7 <sup>th</sup> Perinatal Symposium	13 <sup>th</sup> October, 2007	Various Topics in Perinatal Medicine
8 <sup>th</sup> Perinatal Symposium	20 <sup>th</sup> September, 2008	Various Topics in Perinatal Medicine
9 <sup>th</sup> Perinatal Symposium	26 <sup>th</sup> September, 2009	Various Topics in Perinatal Medicine
10 <sup>th</sup> Perinatal Symposium	6 <sup>th</sup> November, 2010	Various Topics in Perinatal Medicine
11 <sup>th</sup> Perinatal Symposium	3 <sup>rd</sup> September, 2011	Various Topics in Perinatal Medicine
12 <sup>th</sup> Perinatal Symposium	20 <sup>th</sup> October, 2012	Various Topics in Perinatal Medicine
13 <sup>th</sup> Perinatal Symposium	26 <sup>th</sup> October, 2013	Inborn Errors of Metabolism (IEM)
14 <sup>th</sup> Perinatal Symposium	15 <sup>th</sup> November, 2014	Medico-legal Issues in Perinatal Medicine
15 <sup>th</sup> Perinatal Symposium	22 <sup>nd</sup> November, 2015	Haemoglobin Bart's Disease and Congenital Adrenal Hyperplasia
16 <sup>th</sup> Perinatal Symposium	26 <sup>th</sup> November, 2016	Birth Injury by Instrumental Delivery' and 'Chorioamnionitis'
17 <sup>th</sup> Perinatal Symposium	23 <sup>rd</sup> September, 2017	Diet and Growth- from Antenatal to Postnatal life
18 <sup>th</sup> Perinatal Symposium	13 <sup>th</sup> October, 2018	Perinatal Infection
19 <sup>th</sup> Perinatal Symposium	19 <sup>th</sup> October, 2019	Updates in Perinatal Genetics
20 <sup>th</sup> Perinatal Symposium	13 <sup>th</sup> November, 2021	Congenital Malformations: A Multidisciplinary Approach
21 <sup>st</sup> Perinatal Symposium	14 <sup>th</sup> November, 2023	Congenital Cystic Lung Mass: Diagnosis and Management
22 <sup>nd</sup> Perinatal Symposium	15 <sup>th</sup> January, 2025	Congenital Abnormalities of Kidney and Urinary Tract



# Perinatal Symposium 2024-2025

Jointly organized by  
The Obstetrical and Gynaecological Society of Hong Kong  
The Hong Kong Neonatal Society

## Congenital Abnormalities of Kidney and Urinary Tract

15th January 2025 (Wednesday)

The Ballroom One-Three, 18/F, The Mira Hong Kong, 118 Nathan Road, Tsimshatsui, Kowloon

### Chairpersons

**Dr. LAM Yuen Yu**  
President,  
The Hong Kong  
Neonatal Society

**Dr. LAW Lai Wa**  
Honorary Treasurer,  
The Obstetrical and Gynaecological  
Society of Hong Kong

Time	Title	Speaker
6:00 pm	Reception and Registration	
6:30 pm	Welcome and Introduction	Dr. LAM Yuen Yu Dr. LAW Lai Wa
6:35 pm	Prenatal Diagnosis and Management of Common Congenital Urinary Tract Abnormalities	Dr. Lau Tze Kin Specialist in Obstetrics and Gynaecology
7:05pm	Overview of Congenital Abnormalities of Kidney and Urinary Tract (CAKUT) in Children	Dr. Alison L.T. Ma President, Hong Kong Paediatric Nephrology Society
7:35pm	Surgical Management of Congenital Urological Conditions	Dr. Ivy H.Y. Chan Consultant, Department of Surgery Queen Mary Hospital, Hong Kong
8:05pm	Discussion & Conclusion	All
8:30pm	Dinner	

### Enquiry

**Ms. Kit TANG**

Event Secretariat

Email: mcl@medcom.com.hk

Tel: 2578 3628 / 2578 3633

### Online Registration

<https://bit.ly/3D1OVL9>

**Deadline: 3 Jan 2025**



### ACCREDITATION

The Hong Kong College of Obstetricians and Gynaecologists: Pending/ Maternal Fetal Medicine Subspecialty: Pending  
Hong Kong College of Paediatricians CME (Cat A): 1 pt The College of Surgeons of Hong Kong CME: Pending  
The Hong Kong College of Paediatric Nursing: 1.5 pts CNE/PEM: Pending



Supporting Organization for Scientific Meeting:  
Hong Kong College of Paediatric Nursing

Supported by : **Mead Johnson Nutrition (HK) Limited**



## Perinatal Symposium 2024-2025

Jointly organized by  
The Obstetrical and Gynaecological Society of Hong Kong  
The Hong Kong Neonatal Society

Chairpersons: **Dr. LAM Yuen Yu**  
President,  
The Hong Kong Neonatal Society

**Dr. LAW Lai Wa**  
Honorary Treasurer,  
The Obstetrical and Gynaecological Society of Hong Kong

Speakers: **Dr. Lau Tze Kin**  
Specialist in Obstetrics and Gynaecology

**Dr. Alison L.T. Ma**  
President,  
Hong Kong Paediatric Nephrology Society

**Dr. Ivy H.Y. Chan**  
Consultant,  
Department of Surgery Queen Mary Hospital, Hong Kong

# Councils of the Organising Societies



## The Obstetrical and Gynaecological Society of Hong Kong

President:	Dr. TANG Kwok Keung
Vice President:	Dr. LAM Wai Cheung, Mona
Honorary Secretary:	Dr. TSE Ka Yu
Honorary Treasurer:	Dr. LAW Lai Wa
Immediate Past President:	Dr. CHEUNG Yuk Tong, Vincent
Council members:	Dr. LEUNG Tse Ngong, Danny
	Dr. LEUNG Kwok Yin
	Dr. LI Fuk Him, Dominic
	Dr. NG Kwun Sin, Vivian
	Dr. WONG Yuen Kwan, Alice
Co-opted council Members:	Ms. SING Chu
	Dr. LI Hang Wun, Raymond



# Councils of the Organising Societies



## The Hong Kong Neonatal Society

President:	Dr. LAM Yuen Yu
1st Vice President:	Prof. LAM Hugh Simon Hung San
2nd Vice President:	Dr. SIU Kiu Lok
Honorary Secretary:	Dr. SIU Luen Yee, Sylvia
Honorary Deputy Secretary:	Dr. LEE Shing Yan, Robert
Honorary Treasurer:	Dr. MA Ping Yuen, Terence
Honorary Deputy Treasurer:	Dr. SOO Man Ting
Social Convenor:	Dr. FUNG Po Gee, Genevieve
Immediate Past President:	Dr. SHEK Chi Chiu
Council Members:	Dr. CHAN Mei Ching
	Dr. CHAN Ngai Man
	Dr. CHEE Yuet Yee
	Dr. CHEUNG Kam Lau
	Dr. FU Yu Ming
	Dr. HO Yok Chiu
	Dr. LAW Chi Wai
	Dr. LEUNG Cheuk Wa, Wilfred
	Dr. SO King Woon, Alan
	Dr. WONG Ming Sum
	Dr. WONG Siu Chun, Mabel

# Prenatal Diagnosis and Management of Common Congenital Urinary Tract Abnormalities

## **Dr. Lau Tze Kin**

Specialist in Obstetrics and Gynaecology

Dr. Lau Tze Kin obtained his basic medical degree from the Chinese University of Hong Kong (CUHK) in 1988, Master degree from National University of Singapore in 1993, and then the MD degree from the CUHK in 1999. After completing his specialty training in Obstetrics and Gynaecology, his career has been focused on Fetal Medicine and prenatal diagnosis.

Dr. Lau joined the Department of Obstetrics and Gynaecology of the CUHK as a clinical academic staff in 1994. Before he left the department in 2011 to start his private practice, he was a Professor and the Chief-of-service of the department, and the Head of the Maternal Fetal Medicine Unit.

Dr. Lau's research interests include various aspects of prenatal diagnosis and therapy, obstetric ultrasound and fetal medicine. He has published over 370 papers in refereed and indexed journals and has been invited speakers in many international meetings.

Dr. Lau is the Chairman of the Chinese Fetal Medicine Foundation, and has been a Board Member of the ISUOG (2010-2014), and the Fetus As A Patient International Society (2007-2016), and the School Director of the Hong Kong Branch of the Ian Donald Inter-university School of Medical Ultrasound (2007-2016). Dr. Lau has been an academic editor or a member of the editorial board of BJOG, PLoS Medicine, and Ultrasound in Obstetrics and Gynecology.

## **Prenatal Diagnosis and Management of Common Congenital Urinary Tract Abnormalities**

Congenital abnormalities of the urinary tract are one of the commonest findings during prenatal ultrasound. In this talk, the prenatal detection and management of the more common conditions will be discussed, including renal agenesis, ectopic kidney, echogenic kidney, polycystic kidneys and obstructive uropathy.

# Overview of Congenital Abnormalities of Kidney and Urinary Tract (CAKUT) in Children

**Dr. Alison L.T. Ma**

President, Hong Kong Paediatric Nephrology Society



Dr. Alison L.T. Ma is the Consultant and Service Head of Paediatric Nephrology at the Hong Kong Children's Hospital. She is also the honorary clinical associate professor of University of Hong Kong and Chinese University of Hong Kong. Dr. Ma graduated from the faculty of Medicine, University of Hong Kong and completed her paediatric training in Princess Margaret Hospital followed by training in Paediatric Nephrology in Great Ormond Street Hospital in London.

Dr. Ma has received a number of local and international awards including the Best presentation award in the Young Nephrologists' symposium at European Society of Paediatric Nephrology, Bill Marshall Scholarship from Institute of Child health, and Outstanding Young Fellow award by Hong Kong Academy of medicine. Dr. Ma's research interests include atypical haemolytic uremic syndrome (aHUS), nephrotic syndrome, transplant and optimization of care for children with kidney diseases. Dr. Ma has authored a number of publications in leading nephrology journals including Kidney International and JASN.

Dr. Ma is currently the President of Hong Kong Paediatric Nephrology Society. She is also a committee member of the Patient Education Committee and atypical HUS global guideline group of International Pediatric Nephrology Society (IPNA), CME committee of Asia Pacific Society of Nephrology (APSN), membership committee of International Pediatric Transplant Association (IPTA) and council member of Asian Society of Transplantation (AST). Dr. Ma is a council member of the Children's Kidney Fund, and the co-founder of the Kids' dream choir for children with kidney diseases, promoting organ donation and kidney health with music.

## Overview of Congenital Abnormalities of Kidney and Urinary Tract

Congenital abnormalities of the kidney and urinary tract (CAKUT) are a leading cause of kidney failure in children, characterized by significant phenotypic and genotypic heterogeneity. These conditions present substantial challenges in neonatal healthcare and have far-reaching implications for affected children. The clinical significance of antenatally detected congenital kidney anomalies can vary widely, ranging from minor postnatal impact to severe morbidity and perinatal mortality.

Prognosis largely depends on a number of factors including size and structure of the kidneys, the volume of amniotic fluid, genetics, family history, and serial findings of the antenatal scans. Given this complexity, it is crucial to counsel parents using a personalized and parent-focused approach. Early detection, appropriate counseling, and collaborative care strategies are essential for the management of children with CAKUT. The involvement of a multidisciplinary team is vital for achieving the best outcomes for these children.

# Surgical Management of Congenital Urological Conditionst

**Dr. Ivy H.Y. Chan**

Consultant, Department of Surgery Queen Mary Hospital, Hong Kong



Dr. Chan is currently working as a Consultant in Queen Mary Hospital and Honorary Clinical Associate Professor in The University of Hong Kong, Li Ka Shing Faculty of Medicine. She received her training in Queen Mary Hospital since graduation and also had clinical attachment in different international renowned paediatric surgical centres including Boston Children's Hospital, The Hospital for Sick Children in Toronto and Beijing Children Hospital. Her interest is in Pediatric Urology with papers published in different journals including a review paper in Lancet. She has been heavily involved in the service for the patients with antenatal diagnosis of pediatric urological condition in her hospital and the connecting hospitals.

## Surgical Management of Congenital Urological Conditions

Hydronephrosis and genital conditions are common antenatal diagnoses with the advance of antenatal screening. The talk will discuss the grading of the antenatal hydronephrosis and the potential surgical conditions related to it. The initial and subsequent long term management will be discussed.



# Perinatal Symposium 2023

14th November, 2023









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