

ASIA PACIFIC MATERNAL AND CHILD METABOLIC HEALTH CONFERENCE & IPRAMHO INTERNATIONAL HYBRID MEETING 2021

Integrated Platform for Research in Advancing Metabolic Health Outcomes of
Women and Children (IPRAMHO)

08 & 09 January 2021

KK Women's and Children's Hospital, Singapore



DAY 1 – 08 JANUARY 2021, FRIDAY
(Poster Exhibition at KKH Auditorium Foyer from 0800hrs to 1700hrs)

0800 Registration

0835 **Opening Address**

Prof Alex Sia, Chief Executive Office, KKH, Singapore

0840 **SYMPOSIUM I - CHILD METABOLIC HEALTH**

Chairperson: Assoc Prof Chan Yoke Hwee, Chair Paediatrics, SingHealth Duke-NUS

Co-Chairperson: Assoc Prof Tan Hak Koon, Chair OBGYN, SingHealth Duke-NUS

0900 **Who is the Metabolically Healthy/Unhealthy Child?**

Dr Chua Mei Chien, KKH, Singapore

0920 **Challenges and Obstacles to Successful Weight Measurement in Children and Adolescents**

Dr Oh Jean Yin, KKH, Singapore

0940 **A Roadmap to Optimal Metabolic Health in Children – the Role of Maternal Health**

Assoc Prof Fabian Yap, KKH, Singapore and Prof Tan Kok Hian, KKH, Singapore

1000 **Q & A Session**

1015 *Intermission*

1025 **SYMPOSIUM II - PHYSICAL ACTIVITIES AND EXERCISE FOR CHILDREN**

Chairperson: Dr Benny Loo Kai Guo, KKH, Singapore

Co-Chairperson: A/Prof Benedict Tan Chi'-Loong, CGH, Singapore

1030 **Habitual Physical Activity of Children and Adolescents in Singapore**

Prof Chia Yong Hwa Michael, National Institute of Education, NTU, Singapore

1050 **Movement Behaviours in Young Singaporean Children**

A/Prof Falk Mueller-Riemenschneider, YLLSM, NUS, Singapore & Digital Health Center, Berlin Institute of Health, Charité University Medical Centre Berlin, Germany

1110 **Sleep and Physical Activity in Children**

A/Prof Teoh Oon Hoe, KKH, Singapore

1130 **Exercising in Children and Adolescents - How to Do It Safely**

Dr Chan Poh Chong, NUH, Singapore

1150 **Q & A Session**

1200 *Intermission*

1215 **LAUNCH OF SINGAPOREAN INTEGRATED 24-HOUR ACTIVITY GUIDELINES FOR CHILDREN AND ADOLESCENTS AT KKH AUDITORIUM**

CPCHS Initiatives for Child Metabolic Health

A/Prof Ng Kee Chong, President of the College of Paediatrics & Child Health of Academy of Medicine Singapore, Singapore

IPRAMHO Initiatives for Maternal & Child Metabolic Health

Prof Tan Kok Hian, Organizing Chairperson, Asia Pacific Maternal & Child Metabolic Health Conference & IPRAMHO International Meeting 2021 Lead, IPRAMHO, Singapore

Singaporean Integrated 24-Hour Activity Guidelines for Children and Adolescents

Dr Benny Loo Kai Guo, Chairperson, Singaporean Integrated 24-Hour Activity Guidelines for Children and Adolescents Workgroup

Opening Remarks & Launch of Guidelines by Guest-of-Honor

Dr Janil Puthuchery, Senior Minister of State for Health, Singapore

1245 *Intermission*

1315 **SYMPOSIUM III - IPRAMHO METABOLIC HEALTH INNOVATION & ENTERPRISE AND TECHNOLOGY ADVANCE UPDATES**

Chairperson: A/Prof Ang Seng Bin, KKH, Singapore

Co-Chairperson: A/Prof Derrick Chan, KKH, Singapore

1320 **Innovation in SingHealth Duke-NUS & KKH**

A/Prof Derrick Chan, KKH, Singapore

1340 **Presentations**

1420 **Q & A Session**

1430 **TRACK 1 - IPRAMHO EDUCATION SESSION: TRAINING PROGRAM FOR DOCTORS AND RESIDENTS ON MATERNAL METABOLIC HEALTH**

Chairperson: A/Prof Tan Lay Kok, SGH, Singapore

1435 *Co-Chairperson: Dr Serene Thain, KKH, Singapore*

Gestational Diabetes -The Role of Healthcare Workers (Global Perspective)

Prof Shakila Thangaratnam, WHO Collaborating Centre for Global Women's Health, UK

1500

What Obstetricians Need to Know about MODY - Recognition, Diagnosis, Management & Implications (Endocrine)

Dr Daphne Gardner, SGH, Singapore

1530 *Intermission*

1540 Clinical Practice Pearls: Gestational diabetes and Pre-existing diabetes in Pregnancy - the Obstetrician's perspective

Dr Tan Eng Loy, SGH, Singapore

1600 Updates on the Management of Hypertension in pregnancy

Dr Serene Thain, KKH, Singapore

1625 Q & A Session

1655 Closing Remarks

1430 TRACK 2 – IPRAMHO PRIMARY CARE HEALTH

Chairperson: Clinical A/Prof Tan Ngiap Chuan, Director Research SHP Singapore

Co-Chairperson: A/Prof Tang Wern Ee, Head CRU NHGP Singapore

1435 Presentation

Dr Poon Zhimin, SHP, Singapore

1500 Presentation

Dr Cherry Tan, SHP, Singapore

1525 Importance of Follow-up of GDM Mothers Postpartum

A/Prof Ang Seng Bin, KKH, Singapore

1550 *Intermission*

1600 SingHealth High Risk Metabolic Postnatal Surveillance (SHRIMPS) Transformative Care Model - A Collaborative Program with Primary Health Care
Ms Asmira Bte Mohamed Rahim, KKH, Singapore

Key Findings of Singapore PREconception Study of Long-Term Maternal and Child Outcomes (S-PRESTO)

Loy See Ling

Influences of the Perinatal Diet on Maternal and Child Health: Insights from GUSTO, S-PRESTO & IPRAMHO

Dr Lai Jun Shi, Singapore

1710 Closing Remarks

1715 -END OF PROGRAMME-

DAY 2 – 09 JANUARY 2021, SATURDAY

(Track 3 – CHILD HEALTH)

0900 **ASIA PACIFIC CONSENSUS WORKSHOP ON INTEGRATED 24-HOUR ACTIVITY GUIDELINES FOR CHILDREN AND ADOLESCENTS**

Opening by Leads: Dr Benny Loo Kai Guo, Chairperson, General Paediatric & Sports Medicine Service, KKH, Singapore

Co-Chairperson: A/Prof Benedict Tan Chi'-Loong, Sports Medicine, CGH, Singapore

Facilitators: Dr Terry Teo, IPRAMO Assistant Manager & Dr Elaine Quah, IPRAMHO Fellow

0905 **Presentations**

Speakers

1000 **Consensus Discussion**

Panel Members include: Dr Aman Bakhti Pulungan, President of Indonesian Pediatric Society, Indonesia; Dr Huynh Manh Nhi, Hospital for Traumatology and Orthopedics, Vietnam; Prof Luo Feihong, Department of Pediatric Endocrinology and Inborn Metabolic Diseases, Children's Hospital, Fudan University, China; Prof Ichiro Morioka & Assoc Prof Nobuhiko Nagano Nihon University, Japan; Prof Sachith Mettananda, University of Kelaniya, Sri Lanka; Dr Kung Areekul, Thailand; Dr Divina Cristy Redondo- Samin, Philippines; A/Prof Azriyanti bt Anuar Zaini, Dept of Paediatrics, University of Malaya, Malaysia; Prof Chia Yong Hwa Michael, NTU, Singapore; Mr Micheal Lim, KKH, Singapore; Dr Mohammad Ashik, KKH, Singapore; Dr Chan Poh Chong, NUH, Singapore; Dr Tan Ngiap Chuan, SingHealth Polyclinics

1300 *Intermission*

1330 **Child Metabolic Health in Vietnam - Nutrition, Exercise & Sleep Behaviour**

Dr Huynh Manh Nhi, Hospital for Traumatology and Orthopedics, Vietnam

The Burden of Physical Inactivity Among Children and Adolescents in Sri Lanka

Prof Sachith Mettananda, Dept of Paediatrics, Faculty of Medicine, University of Kelaniya, Sri Lanka

Physical Activity, Sedentary Behaviour and Sleep Profiles and Their Transition in Children Aged 5.5 and 8 years – Findings from a Prospective Birth Cohort Study

Dr Natarajan Padmapriya, NUS, Singapore

The Young Onset Clinical Features of Chinese Pediatric Type 2 Diabetes Warrants an Early Screening Strategy

Prof Lou Feihong, Director, Department of Pediatric Endocrinology and Inherited Metabolic Diseases, Children's Hospital of Fudan University, Shanghai, China

Factors in the Successful Weight Loss Intervention among Overweight and Obese Filipino School Children

Dr Divina Cristy Redondo- Samin, Chair, Medical Nutrition and Weight Management Center, Premiere Medical Center, Nueva Ecija, Philippines

1520 **Closing by Chair**

1530 -END OF PROGRAMME-

DAY 2 – 09 JANUARY 2021, SATURDAY
(Track 4 – MATERNAL HEALTH)

0900 **IPRAMHO-INTERNATIONAL COLLABORATIVE STUDY NETWORK**
Opening and Introduction
Opening by Lead: Prof Tan Kok Hian, IPRAMHO Lead Investigator
Facilitators: Prof Satvinder Singh, IPRAMHO Investigator & Dr Ye Jiangfeng, IPRAMHO Fellow

0905 **New ADIPS guidelines for Type 1 and Type 2 diabetes in pregnancy**
A/Prof Alexis Shub, University of Melbourne, Australia

Prevalence and Characteristics of GDM by Early Universal Screening in Siriraj Hospital
A/Prof Dittakarn Boriboonhirunsan, Faculty of Medicine Siriraj Hospital, Thailand

The Obstetrical VTE Prevention in China- Pregnancy-related Venous Thromboembolism and its Association with Organizational Factors
Prof Li Xiaotian, Fudan University, China

Implementation of a checklist protocol for Management of Hypertensive Disorders in Pregnancy in Mount Alvernia Hospital
Dr Tony Tan, Mount Alvernia Hospital, Singapore

Clinical and Metabolic Characteristics of Gestational Diabetes Diagnosed in Early Pregnancy
Dr Yoshifumi Kasuga, Keio University School of Medicine, Japan

Trends in Diabetes among Pregnant Women in Suburban Setup in Sri Lanka
Prof Tiran Daminda Dias, University of Kelaniya, Sri Lanka

1125 **IPRAMHO-INTERNATIONAL COLLABORATIVE STUDIES**
Lead: Prof Tan Kok Hian, IPRAMHO Lead Investigator
Co-Lead: Dr Ye Jiangfeng, IPRAMHO Fellow

1200 *Intermission*

1500 **Maternal Metabolic Health in the Philippines**
A/Prof Valerie T Guinto, University of the Philippines-Philippine General Hospital, Philippines

Practical management of hypertensive disorders during pregnancy in Tu Du hospital
Dr Tran Thi Lien Huong (Scarlett), Tu Du O/G Hospital, Ho Chi Minh City, Vietnam

Newborn Screening in India: Challenges in Implementation
Prof Milind R Shah, Naval Maternity & Nursing Home, India & Deputy Secretary General Asia Oceania Federation of Perinatal Societies

Other Panel Speakers include:

Dr Krishna Kumar, Hospital Tuanku Ja'afar Seremban, Malaysia
Prof Swe Swe Myint, Central Women Hospital, Yangon, Myanmar
Dr Herman Kristanto Indonesia

Discussion on the Next Steps in IPRAMHO-International Collaboration

Lead: Prof Tan Kok Hian, IPRAMHO Lead Investigator

Co-Lead: Prof Satvinder Singh, IPRAMHO Investigator

1530 -END OF PROGRAMME-
