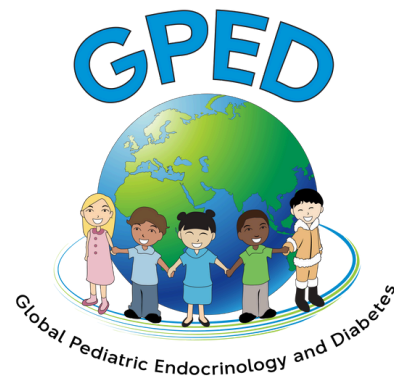


# GPED Newsletter

Global Pediatric Endocrinology and Diabetes

Keeping you up to date on global health in pediatric endocrinology and diabetes around the world!

Issue 27 | September 2024



## Register Now for the First GPED Annual Meeting!



**GPED** Global Pediatric Endocrinology & Diabetes  
Bringing endocrine and diabetes care to all children

### First GPED Annual Meeting

*"Bridging Gaps: Enhancing Pediatric Endocrine Care Globally"*

26-27 October 2024 & 2-3 November 2024 | 1300-1700 GMT

#### Day 1 (Saturday, 26 October 2024)

**Plenary Sessions**

- "Bringing essential diagnostic tests to resource constrained settings" | Ana Aceves Capri (WHO)
- "The phenotype of type 1 diabetes in sub-Saharan Africa" | Jean Claude Njabou Katte (UK)

**Meet the Experts**

- "Early menarche: treat vs not treat" | Margaret Zacharin (Australia)
- "Medicines to manage weight in adolescents: present knowledge" | Amy Fleischman (US)

**Adrenal Symposium**

- "Update on the management of congenital adrenal hyperplasia (CAH)" | Richard J. Auchus (US)
- "Triple A syndrome: a 43 cohort patient from Sudan" | Salwa Abdulbagi (Sudan)
- "Cushing disease: how to simplify the diagnosis" | Regis Coutant (France)

#### Day 2 (Sunday, 27 October 2024)

**Plenary Sessions**

- "E-learning in pediatric endocrinology and diabetes: Bringing free education to all health professionals" | May Ng (UK)
- "Influence of puberty, nutrition and endocrine disruptors on peak bone mass" | Veronica Abad (Colombia)

**Meet the Experts**

- "AMH measurement as a tool for DSD assessment" | Rodolfo Rey (Argentina)
- "Hyperinsulinism" | Khalid Hussain (Qatar)

**Newborn Screening Symposium**

- "Systematic neonatal screening for congenital hypothyroidism"

**Presentations on individual country experiences:**

- Amsan Pulungan (Indonesia)
- Camila Céspedes (Colombia)
- Seeletso Nchingane (Botswana)

**Input from the International Society of Neonatal Screening:**  
Dianne Webster (New Zealand)

**Debate**

- "Ambiguous genitalia and disorders of sexual differentiation early vs late genitoplasty" | Vandana Jain (India) & Ibrahim AlAIwan (Saudi Arabia)

#### Day 3 (Saturday, 2 November 2024)

**Plenary Sessions**

- "Assessment and treatment of Vitamin D deficiency / nutritional rickets" | Anju Seth (India)
- "The teeth as a marker for endocrine diseases" | Catherine Chaussain (France)

**Meet the Experts**

- "Long term consequences of small for gestational age (SGA)" | Xiaoping Luo (China)
- "Evaluation and management of bone fragility disorders in a limited resource setting" | Reja Padidela (UK)

**Diabetes Symposium**

- "Using diabetes technology in resource constrained scenarios: Is something better than nothing" | Bedowra Zabeen (Bangladesh)
- "Diabetic ketoacidosis (DKA) management with SQ insulin in children" | Edna Majaliwa (Tanzania)
- "Human insulin vs analogues of insulin: Priorities in resource constrained settings" | Graham Ogle (Life for a Child, Australia)

**Poster and Oral Presentation Session**

#### Day 4 (Sunday, 3 November 2024)

**Plenary Sessions**

- "DSD care and assessment in resource constrained settings" | Faisal Ahmed (UK)
- "Setting up a pediatric endocrinology and diabetes service in a resource-constrained setting: the Ghana experience" | Emmanuel Ameyaw (Ghana)

**Meet the Experts**

- "Pediatric thyroid cancer in resource constrained settings" | Raul Calzada (Mexico)
- "Hypophosphatemic rickets in Algeria" | Asmahane Ladjouze (Algeria)

**Growth and Puberty Symposium**

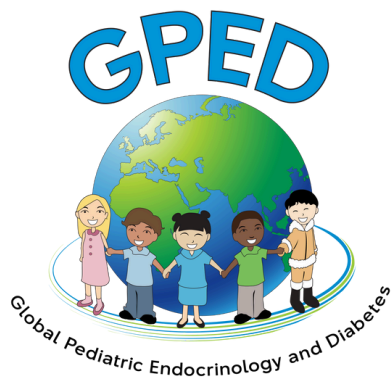
- "Precocious puberty: to treat or not to treat" | Rasha Tarif (Egypt)
- "Puberty and fertility in Turner Syndrome" | Shanlee Davis (US)
- "Clinical approach of severe short stature in resource constrained settings" | Jan Lebl (Czech Republic)



Register today for 15 USD via the link below!

[bit.ly/GPEDAnnualMeeting2024](https://bit.ly/GPEDAnnualMeeting2024)

Secure your spot today for 15 USD!



# Join global experts and colleagues from all over the world at the **First GPED Annual Meeting!**

Registration is now open for the First Global Pediatric Endocrinology and Diabetes (GPED) Annual Meeting, themed "**Bridging Gaps: Enhancing Pediatric Endocrine Care Globally.**"

## Event Details:

**Dates:** October 26-27, 2024, and November 2-3, 2024 (1300-1700 GMT)

Join us for this groundbreaking virtual event where leading experts, practitioners, and researchers from around the world will come together to share insights, advancements, and best practices in pediatric endocrinology and diabetes care **with a focus on resource-limited settings!**

### Why Register?

- **Cutting-Edge Research:** Discover the latest research and developments in pediatric endocrine care tailored to resource-constrained settings.
- **Global Networking:** Connect with peers, experts, and innovators from diverse backgrounds and regions.
- **Interactive Sessions:** Engage in interactive sessions, panel discussions, and Q&A with renowned speakers.
- **Professional Growth:** Enhance your knowledge and skills to improve patient care and outcomes.

### Submit your abstracts today!

Accepted abstracts will be displayed at the meeting and will be published online in the meeting report. Submission deadline: September 9, 2024, 11:59 PM GMT

### Registration Fee: 15 USD

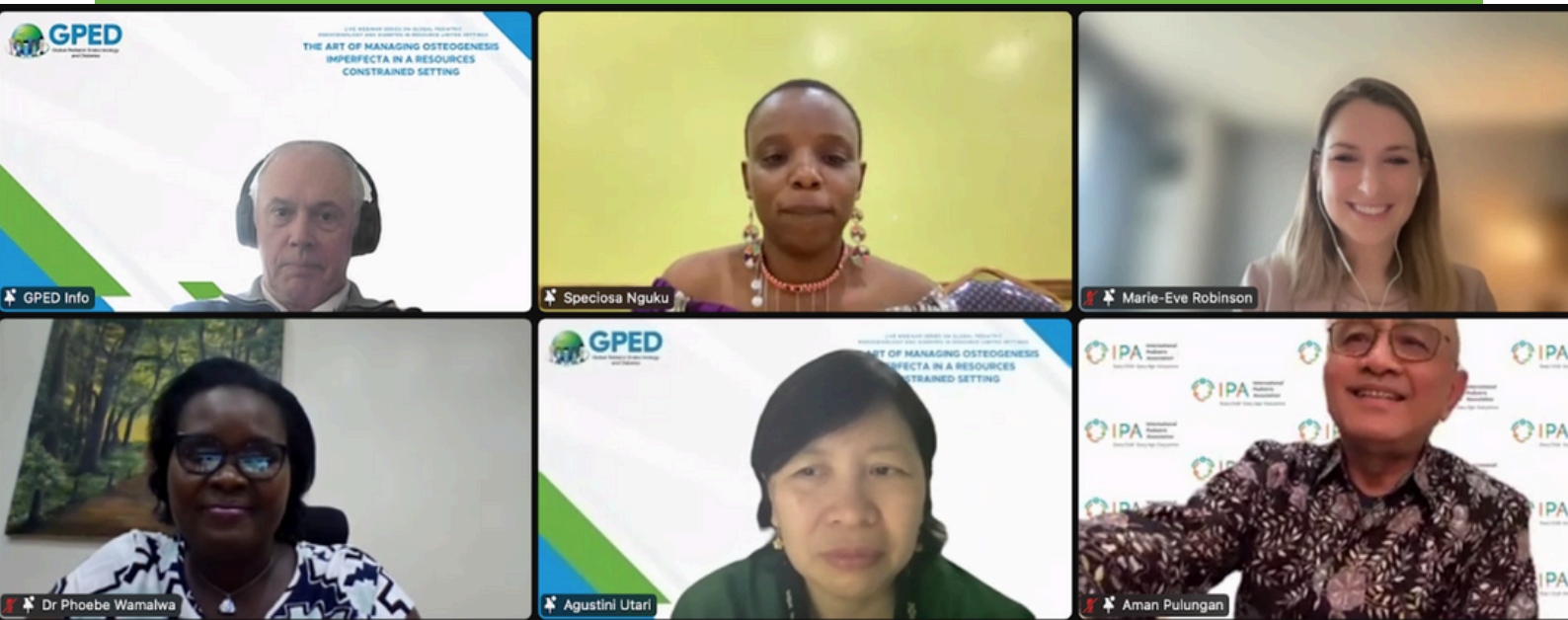
For any inquiries, contact us via [gpedmeeting@gmail.com](mailto:gpedmeeting@gmail.com)

# GPED Webinar Series

One of GPED's programs focuses on education and research. GPED has launched the GPED webinar series surrounding various topics in pediatric endocrinology and diabetes, catered to local needs. Catch up on webinars recently conducted by GPED!

## The Art of Managing Osteogenesis Imperfecta in a Resource-Constrained Settings

“The Art of Managing Osteogenesis Imperfecta in a Resources-Constrained Setting” webinar was conducted on 4 May 2024. Featuring Dr Marie-Eve Robinson from Children's Hospital of Eastern Ontario as a keynote speaker, this webinar centered on state of the art updates in the management of osteogenesis imperfecta, with a focus on low-resource settings. The webinar also shared experiences from the Machakos Orthopedic Clinic in Kenya, showcasing innovative approaches to managing OI despite limited resources. The webinar was conducted in English. Watch the recording via the following [link](#).





## A Comprehensive Look at Current Updates on Thyroid Disorders in Resource-Constrained Settings

In conjunction with World Thyroid Day 2024, GPED collaborated with the Arab Society for Paediatric Endocrinology and Diabetes (ASPED) to host a webinar on 31 May 2024. Bringing together experts from the field of pediatric endocrinology, this webinar provided insights into the diagnosis and management of congenital hypothyroidism and Graves' Disease in limited resources settings, featuring Professor Aman Pulungan (Indonesia) and Dr Rasha Alradadi (Saudi Arabia) as speakers. The webinar was conducted in English. Watch the recording via the following [link](#).



# Scaling Newborn Screening to reduce child mortality in Indonesia

Over the past decade, Indonesia has achieved great success in progressing Newborn Screening (NBS) throughout the country. A pilot study was conducted in two hospitals from 2000-2005, screening for Congenital Hypothyroidism (CH). Subsequently, the program was expanded to eight provinces in 2008, and then in 2014 the Ministry of Health released a decree recommending CH NBS in Indonesia. Despite this, rates of NBS in Indonesia have remained low. In 2022, CH NBS coverage was reported to be at only 2.3%. In response, the Ministry of Health (MOH) relaunched the CH NBS program in August 2022, and later in September 2023 released a national policy making CH NBS a requirement for all healthcare professionals to claim delivery rates from the national insurance. Thus far, this has seen a substantial increase in CH NBS across the nation, reaching 65% coverage by the end of 2023.

In January 2024, CLAN (Caring & Living As Neighbours) intern and Australian New Colombo Plan Scholar, Elizabeth Page had the privilege of interviewing the Hon Budi G Sadikin, Minister of Health for the Republic of Indonesia. The purpose of this interview was to learn more about the incredible progress Indonesia has been making in scaling Newborn Screening (NBS). This interview has been made available so that other member states who do not yet have NBS, might be able to learn from the experiences of Indonesia. The interview discussed why NBS is a priority for Indonesia, with the Minister citing high child mortality as a key issue in Indonesia that could be addressed through programs such as NBS.

He explained what NBS currently looks like in Indonesia, outlining which conditions are included in the program, current screening coverage, the level of staffing and resourcing the program has required, and how they are reaching across the vast Indonesian archipelago using the well-established public health network. The Minister also spoke at length about how newborn screening is a key aspect of Indonesia's pursuit to become a high-income country.



[Watch the interview here!](#)

Indonesia's efforts in progressing their NBS program have recently been showcased at two United Nations events, hosted by CLAN and @MATES4Kids; the 62nd Session of the Commission for Social Development and the 68th Commission on the Status of Women. On 6th February, Professor Aman Pulungan and Elizabeth Page presented at [CSocD62](#) on Indonesia's NBS success story. Elizabeth spoke about the aforementioned interview with the Minister of health, whilst Professor Aman shared about the history and development of Indonesia's NBS program and the challenges still to be overcome so that Indonesia can reach its goal of screening all newborns. On 13th March, Dr Agustini Utari presented at [CSW68](#), with a particular focus on Congenital Adrenal Hyperplasia (CAH) and Indonesia's efforts toward NBS and access to medicines for this condition. Dr Agustini, spoke about the need for a CAH NBS program to address the historic lack of diagnosis and high CAH mortality in Indonesia.



[CSocD62 Event – Watch here.](#)



[CSW68 Event – Watch here.](#)

## Changing Diabetes in Children (CDiC) Indonesia

As Ramadan approaches, Changing Diabetes in Children (CDiC) Indonesia, in collaboration with the Indonesian Pediatric Society Endocrinology Working Group, organized fasting education activities for children and adolescents with type 1 diabetes mellitus across 15 cities in Indonesia from February to March 2024. The program includes symposiums and mini workshops, focusing on insulin dosage adjustments, meal planning, and practical strategies to ensure safe fasting. The focus lies not only on the theoretical knowledge but also on practical insights to ensure the safety and well-being of participants throughout the fast.







One of the goals of Changing Diabetes in Children (CDiC) Indonesia is to provide excellent service for children with type 1 Diabetes Mellitus. In collaboration with Highlight of Pediatric Emergency (HOPE), CDiC is conducting a training program for general practitioners and pediatricians across Indonesia through an online symposium and hands-on workshop on March 9-10, 2024. The symposium, attended by 285 participants, focuses on managing pediatric emergencies, with a special emphasis on diabetic ketoacidosis, led by pediatric specialist Professor Aman Pulungan.

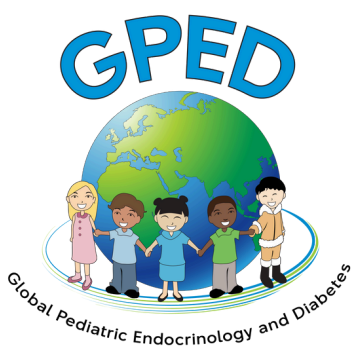
The program equips healthcare professionals with essential knowledge and skills to manage emergency situations effectively, ensuring that every child receives the highest standard of care. Through these efforts, CDiC Indonesia strives to improve health outcomes and the quality of life for children living with type 1 Diabetes Mellitus.

**Clinical Pediatric Endocrinology**  
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 pp. 11-18

**Review**

**Type 1 diabetes mellitus in children: experience in Indonesia**  
 Anah B. Rahanggi<sup>1</sup>, Ghassan Fakher<sup>2</sup>, and Dinda Niswari<sup>3</sup>  
<sup>1</sup>Endo-RUMAH Apogee, Faculty of Medicine Universitas Indonesia, Cipto Mangrovek Hospital, Jakarta, Indonesia

- Sekitar 30% anak dengan T1DM datang ke fasyankes dengan manifestasi klinis pertama KAD sebelum didiagnosis → berhubungan dengan status sosioekonomi rendah dan tingkat pendidikan orangtua yang rendah
- Anak yang rutin kontrol ke dokter umum atau dokter spesialis anak memiliki risiko lebih rendah mengalami KAD
- Kepatuhan yang buruk terhadap terapi → faktor besar dalam munculnya KAD pada anak dengan T1DM



## Global Pediatric Endocrinology and Diabetes

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