

Wednesday, 05. November 2025

Posters

10:40 - 19:55

Posters on Display

ePosters on Display (no oral presentation)

P-271 **Preliminary cut-point for the hypoglycemia fear survey- parents of young children (HFS-PYC)**

Abstract Author: Susana Patton (Jacksonville, United States)

P-272 **Awareness Drives Willingness: results of the ISPAD JENIOUS - PREME T1D project on Parents' peRspectives on disEase-Modifying thErapy in T1D**

Abstract Author: Stefano Passanisi (Messina, Italy)

P-273 **Depressive symptoms and diabetes distress in parents of young children with type 1 diabetes**

Abstract Author: Susana Patton (Jacksonville, United States)

P-274 **Glycemic stability across menstrual cycle phases: impact of AID systems and MDI + CGM therapy**

Abstract Author: Cecilia Nobili (Turin, Italy)

P-275 **The impact of DiaBuddy, a mobile application-based tool, on sick day management in children and adolescents with type 1 diabetes**

Abstract Author: Alapan Mahapatra (Kanpur, India)

P-276 **Technological vs conventional treatment in children with early onset of type 1 diabetes mellitus: follow up of 12 years and evaluation of complications**

Abstract Author: Andrea Rigamonti (Milano, Italy)

P-277 **Early initiation of AID is associated with improved long-term glycemic control in children with type 1 diabetes**

Abstract Author: Davide Tinti (Turin, Italy)

P-278 **Time in range and C-peptide in children with newly diagnoses type 1 diabetes. A nationwide cohort study combining quality improvement and clinical research approaches in a pediatric care setting - the Norwegian Childhood Diabetes Registry**

Abstract Author: Kristin Namtvedt Tuv (Oslo, Norway)

P-279 **The use of ultrasound and dietitians as part of pump re-education for dysregulated children and adolescent when changing from pump to automated insulin delivery**

Abstract Author: Anna Korsgaard Berg (Herlev, Denmark)

P-280 **Assessing the impact of training and mentorship in Liberia at Life for a Child (LFAC)-supported clinics transitioning patients to glargine insulin**

Abstract Author: Amanda Perkins (Washington, DC, United States)

P-281 **Youth with type 1 diabetes(T1D) using an advanced hybrid closed-loop system safely achieve and sustain recommended glycemic goals with reduced burden and increased system trust**

Abstract Author: Jennifer McVean (Northridge, United States)

P-282 **Burden of diabetic dermatoses in geriatric patients: epidemiological insights, quality-of-life impact, and socioeconomic determinants in a low-resource setting**

P-283 **Efficacy of advanced hybrid closed loop system on restoring impaired awareness of hypoglycemia among children and adolescents with type 1 diabetes**

Early use of automated insulin delivery systems and glycemic

- P-284 **control in pediatric type 1 diabetes: an Italian multicenter real-life study**
Abstract Author: Valentina Tiberi (Ancona, Italy)
- P-285 **Balancing variability and blood glucose control: time in tight glucose range in youth with diabetes during dry intermittent fasting data from real-world users on different treatment strategies**
Abstract Author: Nancy Elbarbary (Cairo, Egypt)
- P-286 **Elapsed time after infusion set removal modulates skin barrier integrity**
Abstract Author: Julian Bjerrekær (Herlev, Denmark)
- P-287 **Diluted insulin in hybrid closed loop pump therapy for patients 5 years and under - a single centre experience - NO EPOSTER AVAILABLE**
Abstract Author: Calvin Skews (South Brisbane, Australia)
- P-288 **Evaluation of the experience of young people and families starting on a Hybrid Closed Loop System (HCLS) educated with either standard local teaching or a virtual onboarding programme run and funded by the Scottish Government to facilitate rapid uptake of HCLS in Scotland**
Abstract Author: Victoria Franklin (Inverness, United Kingdom)
- P-289 **Trends in mortality due to type 1 diabetes: an analysis of the Global Burden of Disease (GBD) 2021**
Abstract Author: Jessica Hanae Zafra-Tanaka (Geneva, Switzerland)
- P-290 **Development of an inclusive facility-based electronic Type 1 Diabetes (T1D) registry and health program monitoring system for limited-resource contexts**
Abstract Author: Ivy Nolasco (Quezon City, Philippines)
- P-291 **Real-life efficacy of Minimed® 780G recommended settings (glycaemic target of 100 mg/dl and active insulin time of 2 hours) on glycaemic control in young patients with type 1 diabetes**
Abstract Author: Marta Bassi (Genova, Italy)
- P-292 **Successful transition from MDI to Automated Insulin Delivery (AID): real-world glycemc outcomes among children, adolescents, and young adults with type 1 diabetes using a tubeless AID system**
Abstract Author: Daniel J. DeSalvo (Houston, United States)
- P-293 **Technological advancements in managing type 2 diabetes mellitus in children and adolescents**
- P-294 **An AI-driven framework for integrating wearable and insulin pumps data in paediatric and young patients with type 1 diabetes**
Abstract Author: Marta Bassi (Genova, Italy)
- P-295 **The efficacy of advanced hybrid closed loop system on managing mixed meals with high fat content**
- P-296 **Long-term glycemc outcomes in children and adolescents with type 1 diabetes on advanced Hybrid Closed Loop therapy with Medtronic Minimed 780G: a 36-month follow-up - NO EPOSTER AVAILABLE**
- P-297 **Glucose levels and insulin requirements during the menstrual cycle in young women with type 1 diabetes using AID: preliminary results**
Abstract Author: Franco Giraudo (Santiago, Chile)
- P-298 **Body Mass Index trends in children with type 1 diabetes on Automated Insulin Delivery systems**
Abstract Author: Catarina Leal (Birmingham, United Kingdom)

- P-299 **Creating an AGP analysis AI bot with zero code live on stage**
- P-300 **A Methodology for real-world implementation and evaluation of a novel digital health platform for type 1 diabetes using the implementation research logic model**
Abstract Author: Shruti Muralidharan (Vancouver, Canada)
- P-301 **An innovative approach to patient education for type 1 diabetes**
Abstract Author: Radhika Purushothaman (Portland, United States)
- P-302 **Long-term socioeconomic and health disparities among adults diagnosed with type 1 diabetes in childhood - NO EPOSTER AVAILABLE**
- P-303 **Safety and glycemic outcomes during advanced hybrid closed-loop (AHCL) system use with fast-acting insulin aspart in pediatric type 1 diabetes (T1D)**
Abstract Author: Robert Vigersky (Northridge, United States)
- P-304 **Impact of lowering target glucose setting with a tubeless automated insulin delivery (AID) system: evidence from real-world use**
Abstract Author: Jennifer L. Sherr (New Haven, United States)
- P-305 **Longer-term use of automated insulin delivery in children and youth with type 1 diabetes and very elevated glycemia: CO-PILOT continuation phase outcomes up to 52 weeks**
Abstract Author: Benjamin J Wheeler (Dunedin, New Zealand)
- P-306 **Longitudinal comparison of the performance of an automated insulin delivery system and a sensor-augmented pump during summer camp**
Abstract Author: Meropi Dimitriadou (Thessaloniki, Greece)
- P-307 **Effect of flash monitoring on glycemic control in children and adolescents with type 1 diabetes (T1D) in Cameroon: a pioneering study**
- P-308 **Use of Open source AID systems in children and adolescents at a Swedish pediatric diabetes clinic**
Abstract Author: Anna Olinder (Stockholm, Sweden)
- P-309 **Disparities in time to continuous glucose monitor (CGM) initiation among youth with type 1 diabetes in United States Claims Data**
Abstract Author: Elise Tremblay (Boston, United States)
- P-310 **Development and implementation of Ontario's first paediatric diabetes data strategy**
Abstract Author: Josée St-Denis (Ottawa, Canada)
- P-311 **Priorities of youth and families in choosing an automated insulin delivery system**
Abstract Author: Seema Meighan (Philadelphia, United States)
- P-312 **Association between the cytokine profile and insulin delivery method in children with type 1 diabetes**
Abstract Author: Sebastian Seget (Katowice, Poland)
- P-313 **Digital hygiene in children under the age of six with carbohydrate metabolism disorders treating in Department of Paediatrics & Children's Diabetology, Upper Silesian Children Hospital**
Abstract Author: Wiktorja Bartnikowska (Katowice, Poland)
Abstract Author: Przemyslaw Jarosz-Chobot (Katowice, Poland)
- P-314 **High levels of diabetes distress in people living with type 1 diabetes in a low-resource setting in Northeastern Brazil**

Abstract Author: Nathalia Costa Monteiro (São Cristovão, Brazil)

P-315 **Career choices for young individuals living with type one diabetes in India**

P-316 **Challenges in the diagnosis and treatment of neonatal diabetes mellitus: a report of four cases**

Abstract Author: Raquel Biasi (São Paulo, Brazil)

P-317 **Association of neurofilament light chain, glycated hemoglobin, homocysteine, folic acid, and vitamin B12 in serum of dystonia patients with type 1 diabetes**

Abstract Author: Sumit Rajput (Pune, India)

P-318 **Effect of metformin and lifestyle modification on glycemic control in adolescents with type 2 diabetes: a single-center study**

P-319 **Impact of psychosocial interventions on health-related quality of life in children, adolescents, and young adults with type 1 diabetes: preliminary results of a systematic review**

Abstract Author: Francisca Mena (Santiago, Chile)

P-320 **Unhealthy diet and lifestyle patterns in adolescents: implications for early diabetes risk**

P-321 **A rare monogenic mutation (ZFP57) in transient neonatal diabetes mellitus in Cameroon: a case report**

Abstract Author: Adele Bodieu Chetcha (Yaounde, Cameroon)

P-322 **Improving physician-patient weight management-focused discussions among children with type 1 diabetes and obesity**

Abstract Author: Svetlana Azova (Boston, United States)

P-323 **Early-onset diabetes due to heterozygous RFX6 mutation: responsiveness to incretin-based therapy in a novel MODY subtype**

Abstract Author: Madhumati Vaishnav (Bangalore, India)

P-324 **Hybrid Closed-Loop system shows time-specific glucose variability and hypoglycemic patterns in very young children with type 1 diabetes**

Abstract Author: Olivier Pollé (Yvoir, Belgium)

P-325 **Impact of nutrition and self-care management education on quality of life in clients with type 1 diabetes in Kisumu County, Kenya**

Abstract Author: Lucia Mutwika (Kisumu, Kenya)

P-326 **Perspective on diabetes and mental health: insight from people living with diabetes, their parents and healthcare providers**

P-327 **In-Hospital mortality among patients admitted for acute diabetes complications in the East of the Democratic Republic of Congo**

Abstract Author: Kalehezo Murhabazi Albert (Bukavu, Congo (Democratic Republic))

P-328 **Integrating a clinical pathway for type 1 diabetes mellitus into the electronic health record: Data capture, quality monitoring and transition to adult care**

Abstract Author: Maria De Cos Igartua (Madrid, Spain)

P-329 **LLM-generated dot phrases simplify messages to pediatric type 1 diabetes patients**

Abstract Author: Jamie Kurtzig (Stanford, United States)

P-330 **Effect of insulin therapy on body composition in children with newly diagnosed type 1 diabetes mellitus: a prospective cohort study**

- P-331 **Ready, set, go! Preparation for transition to adult healthcare services - experiences of Australian young adults living with type 1 diabetes**
*Abstract Author:*Carolynn L. Smith (Sydney, Australia)
- P-333 **Exploring the intersection of social determinants of health, psychological distress, and glycemic control in ethnically diverse pediatric type 1 diabetes patients**
Abstract Author: Carolina De Almagro (Miami, United States)
- P-334 **Navigating Diabetes Disclosure and Self-Care Practices: Gendered Experiences of Stigma and Exclusion among Adolescents and Emerging Adults with Type 1 Diabetes Mellitus**
- P-335 **Insulin pump use in hispanic youth**
Abstract Author: Chaitanya Sambangi (Washington DC, United States)
- P-336 **Serological screening for coeliac disease in children and young adults with type 1 diabetes mellitus in Lagos, Nigeria: a cross-sectional study**
Abstract Author: Elizabeth Eberechi Oyenusi (Lagos, Nigeria)
- P-337 **Parents' fear of hypoglycemia mediates the association between diabetes distress and youth HbA1c - NO EPOSTER AVAILABLE**
Abstract Author: Vasco Costa (Lisbon, Portugal)
- P-338 **Discrepant glycemic responses to oral glucose, mixed meal, and home-environment meals in Turner syndrome**
Abstract Author: Catherina Pinnaro (Iowa City, United States)
- P-339 **Establishment of digital health records for type 1 diabetes in lower- and middle-income countries informed by a global scoping review**
Abstract Author: John T Figi (Boston, United States)
- P-340 **Association between neutrophil/ high-density lipoprotein cholesterol ratio and high BMI in three Argentinean Indigenous communities**
Abstract Author: Valeria Hirschler (Buenos Aires, Argentina)
- P-341 **Assessment of quality of life and glycemic control in type 1 diabetics before and after functional insulin therapy**
Abstract Author: Ghada Saad (Sousse, Tunisia)
- P-342 **Exploring stigma among diabetes patients in Kathmandu: a qualitative study from a multidisciplinary clinic**
Abstract Author: Pradip Lamsal (Kathmandu, Nepal)
- P-343 **First reported cases of MODY 3 with the c.1298C>T HNF1A mutation in Korea: clinical and genetic findings in dizygotic twins**
Abstract Author: Eu-Seon Noh (Seoul, Korea, Republic of)
- P-345 **Validation of a diabetes education survey in Spanish and evaluation of the level of education in type 1 diabetes in a Chilean Pediatric Population**
Abstract Author: Francisca Riera Cassorla (Santiago, Chile)
- P-346 **Growth, body size, and final height of children with T1D. A family-based case-control study**
Abstract Author: Mahmoud Touhami (Oran, Algeria)
- P-347 **A decade of progress: sustained glycaemic control driven by technology adoption in a paediatric diabetes centre**
Abstract Author: Helen Day (Ormskirk, United Kingdom)
- P-348 **Glycemic control status among patients with type 1 diabetes at the National Hospital of Endocrinology, Vietnam - NO EPOSTER**

AVAILABLE

Abstract Author: Hạnh Thái (Ha Noi, Vietnam)

- P-349 **Feasibility of a diabetes educator-led coaching program to support emerging adults with diabetes transitioning from pediatric to adult care - NO EPOSTER AVAILABLE**

Abstract Author: Patricia Chu (Philadelphia, United States)

- P-350 **Call for action - hypo- and hyperglycaemic episodes from continuous glucose monitoring are systematically and significantly affected by ambiguities in clinical analysis guidelines**

Abstract Author: Jędrzej Chrzanowski (Łódź, Poland)

- P-351 **Understanding the Importance of online peer support in managing type 1 diabetes in Vietnam: a qualitative study**

Abstract Author: Trang Nguyen (Hanoi, Vietnam)

- P-352 **A New Model for Complex Type 1 Diabetes (T1D) Management: Feasibility of the Blossom Clinic Approach**

Abstract Author: Jody Grundman (Washington, United States)

- P-353 **Age-Related variations in carbohydrate ratios, insulin sensitivity factors, and circadian basal insulin profiles in type 1 diabetes: data from the 5th cohort of the Japanese study group of insulin therapy for childhood and adolescent diabetes**

Abstract Author: Tomozumi Takatani (Chiba, Japan)

- P-354 **Estimating insulin dose requirement based on metabolic parameters at presentation in treating diabetic ketoacidosis**

Abstract Author: Yoshihiko Yuyama (Osaka, Japan)

- P-355 **Prospective cohort study of paediatric diabetes patients in Ontario, Canada**

Abstract Author: Josée St-Denis (Ottawa, Canada)

- P-356 **Spiritual resources and needs of youth with type 1 diabetes (T1D) and their families**

Abstract Author: Jaquelin Flores Garcia (Los Angeles, United States)

- P-357 **Impact of an extra-hospital therapeutic education activity on knowledge of diabetes in children**

- P-358 **Estimating the incremental direct healthcare cost of diabetes and related complications in Australia using linked administrative data**

Abstract Author: Bernard Asiamah-Asare (Burwood-Melbourne, Australia)

- P-360 **Factors affecting self-care performance in with adolescents type I diabetes according to the PEN-3 cultural model**

Abstract Author: Hela Marmouch (Monastir, Tunisia)

- P-361 **Ambulatory endocrinology diabetes care and its association with lower glycemic levels: a retrospective electronic health record study**

Abstract Author: Chia-Lun Yang (Wilmington, United States)

- P-362 **Costs to scale-up type 1 diabetes service packages in low- and middle-income countries**

Abstract Author: Dorit Talia Stein (Boston, United States)

- P-363 **The Rabat therapeutic education center for diabetic children: CDIC project and perspectives**

Abstract Author: Zineb Imane (Rabat, Morocco)

- P-364 **Early detection of type 1 diabetes in children through genetic and autoantibody screening: a systematic review of prospective studies**

Abstract Author: John Andhoga (Nairobi, Kenya)

- P-365 **Primary outcomes from a pilot CGM-behavioral intervention among youth with T1D**
Abstract Author: Emma Straton (Washington, DC, United States)
- P-366 **Efficacy and safety of a tubeless AID system compared with MDI in children and adolescents with T1D in the RADIANT study**
Abstract Author: Jacques Beltrand (Paris, France)
- P-367 **Expanding fiscal space for investment in type 1 diabetes in children and adolescents in 30 low- and middle-income countries**
Abstract Author: Caroline Bulstra (Boston, United States)
- P-368 **Barriers and facilitators to effective T1DM self-management post-transition from pediatric to adult care: insights from the PATHWAY Trial**
- P-369 **Results of the management of T1D in children in a private outpatient setting**
Abstract Author: Amel Zennaki (Oran, Algeria)
- P-370 **Impact of vitamin D supplementation on insulin sensitivity and secretion in patients with type 2 diabetes mellitus**
Abstract Author: Fariha Islam (Jashore, Bangladesh)
- P-371 **Back to basics: when a toy becomes a tool, a game becomes a game-changer - NO EPOSTER AVAILABLE**
Abstract Author: Lurina Fourie (West Coast, South Africa)
- P-372 **Evaluation of the level of knowledge about therapeutic education among diabetic children and adolescents at the regional hospital of Kankan (Guinea) in 2024**
Abstract Author: Amadou Kaké (Conakry, Guinea)
- P-373 **Ten-year glycemic trends in children diagnosed with type 1 diabetes before teenage years: a longitudinal *Insulin My Life* Follow-up**
Abstract Author: Bilal Tahir (Karachi, Pakistan)
- P-374 **Understanding the transition from premixed to basal-bolus insulin regimens among Cambodian youth with type 1 diabetes**
Abstract Author: Videm CHEA (Phnom Penh, Cambodia)
- P-375 **Assessing the impact of health education on insulin storage in a traditional African pot with wet sand and charcoal as coolers and the effect on insulin viability as seen by hba1c control**
- P-376 **Exploring the health care transition impact on healthcare facilities and individuals living with type 1 diabetes using a conceptual framework**
Abstract Author: Ny'Nika McFadden (San Marcos, United States)
- P-377 **Bone health and bone turnover markers in children and adolescents with type 1 diabetes mellitus from a developing country: a case-control study**
- P-378 **Feasibility and implementation of retinal screening technology in a pediatric diabetes center**
Abstract Author: Jacquelyn Verme (Miami, United States)
- P-379 **Nutritional status and associated factors of children and adolescents with T1DM on follow-up at Tikur Anbessa specialized hospital, pediatric endocrinology clinic, Addis Ababa, Ethiopia - NO EPOSTER AVAILABLE**
Abstract Author: Sewagegn yeshiwas (Addis Ababa, Ethiopia)
- P-380 **Effect of parental support on glycemic control in children and**

adolescents with type 1 diabetes in Cameroon

Abstract Author: Mesmin Dehayem Yefou (Yaoundé, Cameroon)

- P-381 **Giving the child with diabetes a clear voice: what matters the most to children 4-12 years old with type 1 diabetes attending a pediatric diabetes clinic? A substudy in the ProKidsDia project**

Abstract Author: Mette Madsen (Gistrup, Denmark)

- P-382 **To assess the diabetes distress and emotional well-being among adolescents with T1D enrolled in the CDiC-Pakistan**

- P-383 **From pen to pump: parents' experiences with early initiation of automated insulin delivery in children newly diagnosed with type 1 diabetes**

Abstract Author: Signe Emilie Frederiksen (Copenhagen, Denmark)

- P-384 **Text messaging in the delivery of ambulatory paediatric type 1 diabetes: a multi-phase quality improvement project**

Abstract Author: Madison Brauer (Vernon, Canada)

- P-385 **Effectiveness of laughter yoga and clapping exercise in improving cardiac and kidney health in obese type 1 diabetic adolescents in rural Delhi**

Abstract Author: Pardeep Kumar (Delhi, India)

- P-386 **Residual β -cell function and glycemic control in young users of advanced hybrid closed loop systems: a retrospective study - NO EPOSTER AVAILABLE**

Abstract Author: Gianluca Tornese (Trieste, Italy)

- P-387 **Using simplified meal boluses versus carbohydrate counting in adolescents with Automated Insulin Delivery (AID) systems: a randomized crossover trial**

Abstract Author: Alexandra Sawyer (Aurora, United States)

- P-388 **Implementation of diabetes education training programs for healthcare professionals on type 1 diabetes in children and adolescents in Indonesia**

Abstract Author: Ghaisani Fadiana (Jakarta, Indonesia)

- P-389 **Experiences of children and adolescents with type 1 diabetes during ramadan fasting in Indonesia**

Abstract Author: Agustini Utari (Jakarta, Indonesia)

- P-390 **Risk factors of hypertension in children with type 1 diabetes**

Abstract Author: Arielle Sabbah (Sherbrooke, Canada)

- P-391 **Metformin as a dual therapeutic agent: insights into respiratory benefits in obesity and asthma from animal and human studies**

- P-392 **Characterization of oxidative stress markers and cardiovascular risk indicators in pediatric type 1 diabetes mellitus**

Abstract Author: Gabriela Arêdes (Ribeirão Preto, Brazil)

- P-393 **TNF α levels decrease following oral glucose in healthy adolescents**

Abstract Author: Robert Hoffman (Columbus, Ohio, United States)

- P-394 **Platelet rich plasma for diabetic related foot ulcers treatment in low resource settings: an extended approach to investigate wound healing mechanisms in Nepal**

- P-395 **Exploring patterns of automated insulin delivery (AID) use in young adults (YAs) with T1D**

Abstract Author: Persis Commissariat (Boston, United States)

- P-396 **Knowledge of advanced carbohydrates counting in parents of**

children with type 1 diabetes

- P-397 **Growth parameters in children with type 1 diabetes enrolled in the changing diabetes in children (CDiC) project in Multan, Pakistan**
Abstract Author: Erum Ghafoor (Karachi, Pakistan)
- P-398 **Access to diabetes care for children and young people: pharma companies' current actions and opportunities ahead**
Abstract Author: Emma Shiffman (Amsterdam, Netherlands)
- P-399 **A case of "Wolfram Syndrome" and spinal epidural lipomatosis followed with a wrong diagnosis of "type 1 diabetes" since 10 years**
- P-400 **Insulin dilution in very young children using hybrid closed-loop reduces nocturnal hypoglycemia and improves glycemic control**
Abstract Author: Olivier Pollé (Yvoir, Belgium)
- P-401 **Knowledge and comfort levels of nurses caring for youth with type 1 diabetes in a pediatric hospital**
Abstract Author: Hyojin Min (Los Angeles, United States)
- P-402 **Acute complications and case fatality of pediatric and adult patients with type 1 diabetes followed as outpatients in the internal medicine department of the Sourô Sanou University Hospital in Bobo-Dioulasso from 2019 to 2022**
- P-403 **Socioeconomic deprivation and its impact on hybrid closed-loop therapy adherence and glycaemic management in children with type 1 diabetes**
Abstract Author: Sze May Ng (Ormskirk, United Kingdom)
- P-404 **Glycemic control in type 1 diabetes: challenges and treatment patterns among the population of Khyber Pakhtunkhwa**
Abstract Author: Arshad Hussain (Peshawar, Pakistan)
- P-405 **Psycho-social impact on the lives of type 1 diabetes: a study from an NGO, Nityaasha Foundation**
Abstract Author: Subhashini Devi Naorem (Silchar, India)
- P-406 **Insulin practices in Brazilian children and adolescents with type 1 diabetes: a cross-sectional study**
Abstract Author: Valéria Cássia Sparapani (Florianópolis, Brazil)
- P-407 **#LanguageMatters in intervention development: parent preferences for referring to type 1 diabetes in a diabetes distress intervention**
Abstract Author: Jessica Pierce (Orlando, United States)
- P-408 **From burden to simplicity: a user-centered AI-based mobile app facilitating confidence in carbohydrate counting and insulin dosing in type 1 diabetes**
Abstract Author: Didier Jean Pierre (Mauritius)
- P-409 **Carrying hope across the desert: how changing diabetes in children (CDiC) program changed the lives of Isiolo's nomadic children with type 1 diabetes - NO EPOSTER AVAILABLE**
Abstract Author: Noor Alio (Isiolo, Kenya)
- P-410 **Community-driven advocacy in diabetes education: the Tanzania diabetes association's success in rural outreach**
Abstract Author: Savegod Moshy (Dar es Salaam, Tanzania)
- P-411 **Enhancing diabetes care through community-based interventions in resource-limited settings**
- P-412 **Clinical characteristics and factors associated with length of**

hospital stay among children and adolescents with Diabetic Ketoacidosis at Mulago National Referral and St Francis Nsambya hospitals, Kampala Uganda - NO EPOSTER AVAILABLE

Abstract Author: Catherine Nyangabyaki-Twesigye (Kampala, Uganda)

P-413 **Supporting pediatric diabetes care on a shoestring budget: strategies for Limited-Resource (LR) settings**

Abstract Author: Anju Virmani (New Delhi, India)

P-414 **Goals of care among caregivers of youth with type 1 diabetes**

Abstract Author: Karen Dimentstein (Baltimore, United States)

P-415 **Double diabetes in Delhi NCR: perspectives from healthcare providers managing youth-onset type 1 diabetes**

P-416 **Exploring college students living with type 1 diabetes' communication experiences with endocrinologists**

Abstract Author: Ny'Nika McFadden (San Marcos, United States)

P-417 **Focus on fathers: cross-cultural insights for inclusive type 1 diabetes care**

Abstract Author: Maria Athena Campbell (Herlev, Denmark)

P-418 **Clinical profile of diabetes among children and adolescents at type 1 diabetes centre, Kota, Rajasthan, India**

Abstract Author: G. D. Ramchandani (Kota, India)

P-419 **Comorbidities and glycemic control in pediatric type 1 diabetes: a Tunisian retrospective study**

Abstract Author: Nour Jelalia (Ben Arous, Tunisia)

P-420 **An innovative mobile application for diabetes self-management education in Argentine schools: results of a pilot study within the KIDS program**

Abstract Author: Florencia Sofia GRABOIS (Confluencia - Neuquen, Argentina)

P-421 **Sociodemographic and clinical characteristics in young people with diabetes in peripheral centers in Bangladesh**

Abstract Author: Md Mijanur Rahman (Dhaka, Bangladesh)

P-422 **Needs and opportunities in pediatric diabetes education: insights from families and educators to inform the co-design of a novel digital tool**

Abstract Author: Carolina Silva (Vancouver, Canada)

P-423 **Development of a new therapeutic education programme (AdoDiab-1) for teenagers aged 13 to 18 live with Type 1 diabetes - NO EPOSTER AVAILABLE**

Abstract Author: Robert Vaillant Kamtchim Tagne (Melong-Littoral, Cameroon)

P-424 **Characteristics of diabetic kidney disease and associated factors in adolescents with Type 1 diabetes in two hospitals in Yaoundé (NO EPOSTER AVAILABLE)**

Abstract Author: Marie Ange Ornella Ngo Nkoum (Yaoundé, Cameroon)

P-425 **Ketone level measurement from urine strip using: AI powered mobile application for diabetic and non-diabetic patients (under ISGLT2) ketone-check**

Abstract Author: Fatma Mnif (Sfax, Tunisia)

P-426 **Risk factors and predictif score of degenerative complications in child and yound adult living with diabetes - NO EPOSTER AVAILABLE**

Abstract Author: Ngongo Omoy Maguy (Lubumbashi, Congo (Democratic Republic))

P-427 **Long-term effect of the kids in control of food (KICK-OFF)**

educational program on HbA1c and time in ranges in youth with T1D

Abstract Author: Reem Almatrook (Kuwait, Kuwait)

P-428 Impact of clinical and demographic characteristics on type 1 diabetes distress in Latin American children

Abstract Author: Valeria Hirschler (Buenos Aires, Argentina)

P-429 Geographical access of type 1 diabetes children and adolescents to Vihiga County Referral Hospital vs glucose control (2024) - NO EPOSTER AVAILABLE

Abstract Author: James Kimuma (Mbale, Kenya)

P-430 Use of home visits to assess self-monitoring blood glucose, insulin storage and glucose control in type 1 diabetes at Vihiga County Referral Hospital, Kenya (2024)

Abstract Author: Jacqueline Oduor (Vihiga, Kenya)

P-431 Diabetic ketoacidosis in children with newly diagnosed diabetes

Abstract Author: Thi Kim Giang Dang (Hanoi, Vietnam)

P-432 Delay or lack of commercial availability of new diabetes technologies and medications in Latin America and South Africa compared to the USA and Europe

Abstract Author: Ethel Codner (Santiago, Chile)

P-433 Focussing on engagement provides an opportunity for equity of outcomes: no deterioration in glycaemic outcomes in young people aged 15 to 25 years - NO EPOSTER AVAILABLE

Abstract Author: Jackie Elliott (Sheffield, United Kingdom)

P-434 Update on pediatric and adult clinical trials evaluating bacillus Calmette-Guérin (BCG) vaccination in type 1 diabetes

Abstract Author: Denise Faustman (Boston, United States)

P-435 Trends in incidence of youth-onset diabetes at a tertiary care diabetes centre in India

Abstract Author: Amutha Anandakumar (Chennai, India)

P-436 Carbohydrate entries-subanalysis during sick days: do CHOs interfere with glycemic outcomes?

Abstract Author: Cecilia Nobili (Turin, Italy)

P-437 Hospitalization cases study of young adult type 1 diabetes after transition

Abstract Author: Bore Kong (Phnom Penh, Cambodia)

P-438 The effect of supervision and monitoring on diabetes management training of health care professionals' diagnosis of new T1D in Nigeria

Abstract Author: Abiola Oduwale (Lagos, Nigeria)

P-439 Prevalence and correlates of hypertension in Ghanaian youth with diabetes mellitus**P-440 Extending paediatric diabetes and endocrinology services to rural Kenya: early outcomes from a specialist-led model at Chuka County Referral Hospital**

Abstract Author: Winnie Saumu (Chuka, Kenya)

P-441 The Bridges Project: a pilot led by parents / carers of T1D children in collaboration with the Children & Young People's (CYP) Diabetes Network in England & Wales to explore the level of need and potential structure of formal peer support for families of CYP diagnosed with Type1 Diabetes (T1D)

Abstract Author: Fiona Campbell (Leeds, United Kingdom)

- P-442 **Engaging a youth advisory board to co-develop a depression intervention for adolescents with type 1 diabetes**
Abstract Author: Alexandra Monzon (Orlando, United States)
- P-443 **Seasonal trends, clinical characteristics, and glycemic control in children with type 1 diabetes mellitus: a retrospective study from two private tertiary hospitals in Nairobi, Kenya**
Abstract Author: Membere Kahssay (Nairobi, Kenya)
- P-444 **Frequency and risk factors of Diabetes Distress (DD) among children and adolescents with type 1 diabetes in a tertiary care center**
Abstract Author: Sommayya Aftab (Lahore, Pakistan)
- P-445 **Analyzing and monitoring cardiometabolic data in adolescent patients with type 1 diabetes and hypertension using wearable technology in Mathura City, India**
Abstract Author: Vikas Sharma (Agra, India)
- P-446 **Metabolic, physical fitness and mental health effects of supervised home high intensity interval training in adolescents with type 1 diabetes**
Abstract Author: Julie Pelicand (Toulouse, France)
- P-447 **Recurrence of diabetic ketoacidosis and associated factors among children with type 1DM at Federal Police Force General Hospital paediatric ward, Addis Ababa, Ethiopia**
- P-448 **Clinical presentation and management of maturity-onset diabetes of the young (MODY12)**
Abstract Author: Ngoc Can (Ha Noi, Vietnam)
- P-449 **Evaluation of glycemic status of young people with diabetes in regional centers in Bangladesh**
- P-451 **Effect of automated insulin delivery system therapy at diagnosis on metabolic control in children and adolescents with type 1 diabetes**
Abstract Author: Uğur Cem YILMAZ (Izmir, Turkey)
- P-452 **Restrictive eating with excessive weight loss during GLP1RA treatment that persists after treatment cessation**
Abstract Author: Maureen Dever (Philadelphia, United States)
- P-453 **Care for children with diabetes mellitus in Southwestern Uganda**
Abstract Author: Elizabeth Najjingo (Mbarara, Uganda)
- P-454 **Assessing data quality for type 1 diabetes indicators in Western Kenya: a retrospective audit**
Abstract Author: Selina Marwa (Nairobi, Kenya)
- P-455 **dia.ries: life with diabetes | episode 2**
Abstract Author: Katherine Doyle (Chicago, United States)
- P-456 **'Fear of Hypoglycaemia' from the perspective of caregiving parents of juveniles with type 1 diabetes - NO EPOSTER AVAILABLE**
Abstract Author: Vivienne Howard (Dublin 2, Ireland)
- P-457 **Extending an early intervention psychological support tool initially aimed at 10-14 year olds for all ages in England for use in the UK and beyond**
- P-458 **Type 1 diabetes youth peer-led groups in rural western Kenya: do what we can, with what we have, where we are**
Abstract Author: Rachel Ogumbo (Eldoret, Kenya)
- P-459 **Developing national guidance for New Zealander's who live with**

diabetes and experience body image and eating difficulties

Abstract Author: Joanna McClintock (., New Zealand)

- P-460 **Impact of carbohydrate counting education on glycemic control among children and adolescents with type 1 diabetes in Kenya: evidence from DMI Centre**

Abstract Author: Cornelius Lagat (Nairobi, Kenya)

- P-461 **Diabetic ketoacidosis in children: management in a Tunisian general pediatric ward**

Abstract Author: Nour Jelalia (Ben Arous, Tunisia)

- P-462 **Supporting children with type 1 diabetes: insights from school personnel in Kota, Rajasthan, India**

- P-463 **Dysfunctional parenting strategies and association with diabetes burden in children with type 1 diabetes**

Abstract Author: Heike Saßmann (Hannover, Germany)

- P-464 **Hyperglycemia induced reactive oxidative stress rescued via mitochondrial peptide in human retinal endothelial cells**

Abstract Author: Ki Eun Kim (Seoul, Korea, Republic of)

- P-465 **Design and development of a mobile dietary application for monitoring diabetic patients**

Abstract Author: Fatma Mnif (Sfax, Tunisia)

- P-466 **Celiac disease in Georgian children with type 1 diabetes: clinical and psychosocial profile**

Abstract Author: Khatia Khvedelidze (Tbilisi, Georgia)

- P-467 **Impact of GLP-1 receptor agonists on glyco-metabolic control in patients with type 1 diabetes mellitus**

Abstract Author: Andrea Rigamonti (Milano, Italy)

- P-468 **Long-term clinical outcomes associated with diabetic ketoacidosis at diagnosis of type 1 diabetes in Indonesian children: a 10-year follow-up at a national referral hospital**

Abstract Author: Ghaisani Fadiana (Jakarta, Indonesia)

- P-469 **Preferences of Latinx youth with Type 2 diabetes on Culturally Relevant Materials for CGM education**

Abstract Author: Rebecca Barber (Los Angeles, United States)

- P-470 **Open-loop insulin pump management in type 1 diabetes: insights from a cohort of 30 patients**

Abstract Author: Latifa Yagoubi (Oujda, Morocco)

- P-471 **Sticking with it or dropping out: a qualitative look at the CIRCUIT pediatric lifestyle program**

Abstract Author: Sabrina Le (Montreal, Canada)

- P-472 **Exploring the impact of diabetes-related family conflict on glycemic control and quality of life in adolescents with type 1 diabetes mellitus**

Abstract Author: Jaivinder Yadav (Chandigarh, India)

- P-473 **Unmet needs of type 1 diabetes in Uganda**

Abstract Author: Silver Bahendeka (Kampala, Uganda)

- P-474 **Predictors of optimal metabolic control in adolescents with diabetes type 1**

Abstract Author: Zineb Imane (Rabat, Morocco)

- P-476 **Knowledge of type1 diabetes mellitus among parents of children without diabetes mellitus in Surulere Local Government, Lagos,**

Nigeria

Abstract Author: Janet Atere (Lagos, Nigeria)

P-477 **Seamless Diabetes Transition (SDT): empowering teams to improve care for young people with diabetes**

Abstract Author: Fiona Campbell (Leeds, United Kingdom)

P-478 **Comparison of glucose excursions in type 1 diabetes patients during Ramadan fasting and non-fasting states: insights from continuous glucose monitoring in Bangladesh**

Abstract Author: Bedowra Zabeen (Dhaka, Bangladesh)

P-479 **Improving health insurance literacy through a community-developed toolkit for emerging adults with type 1 diabetes - interim findings**

Abstract Author: Julia Blanchette (Cleveland, United States)

P-480 **Poor glycemic control and its associated factors of type 1 diabetes mellitus in children and adolescents in three diabetic clinics in Cameroon**

Abstract Author: Ritha Carole Mbono Betoko (Cameroon)

P-481 **Type 2 diabetes in children and adolescents in a tertiary pediatric center in Vietnam**

Abstract Author: Can Ngoc (Hanoi, Vietnam)

P-482 **Basal metabolic control in a Peruvian cohort of patients with T1D in a low-resource setting**

Abstract Author: Segundo Nicolas Seclen Santisteban (Lima, Peru)

P-483 **First STePS: preliminary evaluation of reach in a hybrid effectiveness-implementation trial to reduce diabetes-specific emotional distress**

Abstract Author: Julia Ellis (Chicago, United States)

P-484 **Samatvam Project DISHA - Diabetes care for the underserved in India: a 38-year community model for type 1 diabetes**

Abstract Author: Sapna Manjunath (Bangalore, India)

P-485 **Bridging gaps in pediatric type 1 diabetes care: design and usability testing of an innovative patient-centered digital health platform**

Abstract Author: Carlie Zachariuk (Vancouver, Canada)

P-486 **Evaluation of the impact of attending Camp Banting (for children and youth with diabetes) on diabetes distress, quality of life and mental health**

Abstract Author: Sarah Lawrence (Ottawa, Canada)

P-487 **The youth transition clinic: experiences from a Danish perspective**

Abstract Author: Katrine Christensen Schmidt (Aalborg, Denmark)

P-488 **Connaissances et attitudes des enfants et adolescents diabétiques face à l'hypoglycémie chez les enfants suivis dans le programme CDiC Guinée à la clinique de Kankan**

P-489 **A randomized trial of the spotlight AQ tool: a biopsychosocial approach to improve care visits**

Abstract Author: Katharine Garvey (Boston, United States)

P-490 **Schools training platform transforming diabetes awareness and training in England and the UK**

Abstract Author: Fiona Campbell (Leeds, United Kingdom)

P-491 **What is the status of culturally tailored education for youth onset type 2 diabetes in Aotearoa New Zealand?**

Abstract Author: Joanna McClintock (., New Zealand)

P-492 **Bridging the gap: enhancing type 1 diabetes care and access to resources in Pakistan**

Abstract Author: Arshad Hussain (Peshawar, Pakistan)

P-493 **Acute complications in type 1 diabetes children: a 7-year retrospective study in Southern Rajasthan, India (2017-2024)**

Abstract Author: G. D. Ramchandani (Kota, India)

P-494 **Investigating the relationship between sociodemographic and clinical characteristics and diabetes management in patients with type 1 diabetes**

Abstract Author: Zeynep Donbaloglu (Antalya, Turkey)

P-495 **Baseline characteristics of patients newly diagnosed with type 1 diabetes in Guinea**

Abstract Author: Alpha Mamadou Diallo (Conakry, Guinea)

P-496 **Impact of type 1 diabetes (T1D) on school failure in the pediatric medical department of the University Hospital of Angré in Abidjan - NO EPOSTER AVAILABLE**

Abstract Author: Sy Kadidia Savané (Abidjan, Cote D'Ivoire)

P-497 **Transition experiences of adolescents and emerging adults with Type 1 diabetes mellitus: a qualitative study on the effectiveness of a structured care intervention**

P-498 **Established standardized type 1 diabetes (T1D) treatment in Vietnam to enhance quality of T1D care across regions: Vietnam experience**

P-499 **Seasonal variation of type 1 diabetes diagnosis in the Cameroon Changing Diabetes in Children (CDiC) clinics**

Abstract Author: Camille M. Mba (Yaounde, Cameroon)

P-500 **Quality of life and pain coping skills in children with type 1 diabetes mellitus aged 5 to 12 years**

Abstract Author: Sridevi Naaraayan (Chennai, India)

P-501 **Contribution of a summer camp to improving glycemic control in 36 children living with type 1 diabetes in Ivory Coast**

Abstract Author: Louise Odile Moke-Bedji (Abidjan, Cote D'Ivoire)

P-502 **Cultural adaptation of a Continuous Glucose Monitoring (CGM) curriculum for youth with diabetes in California, United States**

Abstract Author: Rebecca Barber (Los Angeles, United States)

P-503 **Dyslipidemia in Sweet kids compared to age and sex matched children from low socioeconomic background -a study from South India**

Abstract Author: Vani Hebbal Nagarajappa (Bangalore, India)

P-504 **Low parental stress and positive well-being in finnish children and adolescents with type 1 diabetes**

Abstract Author: Riina Pironetti (Tampere, Finland)

P-505 **Incidence and predictive factors of diabetic nephropathy in a long-term pediatric cohort**

Abstract Author: Sonia Benferhat (Oran, Algeria)

P-506 **Improving access to care and quality of life through the Changing Diabetes in Children Program (CDiC) in Senegal**

P-508 **Does distance from health facility to residence of type 1 diabetes children and adolescents affect glucose control? A case study of**

Samburu County - an ASAL county in Kenya (2024)

Abstract Author: Alex Mungai (Maralal, Kenya)

P-509 **Incidence and prevalence of T1D in children and adolescents in Belgium pre- and post- COVID-19**

Abstract Author: Olivier Pollé (Yvoir, Belgium)

P-510 **Socioeconomic and clinical profiles of patients attending pediatric and adult type 1 diabetes clinics in Uganda**

Abstract Author: Oscar Mugerwa (Kampala, Uganda)

P-511 **Non Alcoholic fatty liver disease (NAFLD) in type 1 diabetes mellitus (T1DM) in a tertiary care hospital of North India**

P-512 **Integration of HbA1c, duration of illness, and pubertal status into the Michigan neuropathy screening instrument for predicting diabetic peripheral neuropathy in type 1 diabetes mellitus in children**

Abstract Author: Irfan Agus Salim (Depok, Indonesia)

P-513 **The impact of hypoglycemia in type 1 diabetes mellitus: prevalence, risk factors, and management strategies**

P-514 **Diabetic ketoacidosis as first presentation of type 1 diabetes: a sign of suboptimal awareness of type 1 diabetes in the community?**

Abstract Author: Maria Ionescu (Basildon, United Kingdom)

P-515 **Sleep-AID: sleep quality and glycemic outcomes in users of open-source automated insulin delivery systems**

Abstract Author: Drew Cooper (Berlin, Germany)

P-516 **Autoimmunity pattern in Type 1 diabetes patients in northern Himalayan state of Himachal Pradesh, India and comparison of glycemic control in patients with T1D and other associated autoimmunity**

Abstract Author: Atul Gupta (Kangra, India)

P-517 **Assessment of Knowledge, perception, and awareness of diabetes among students of nana girls secondary school, Sokoto**

P-518 **Establishing the first nationwide Type 1 Diabetes Registry of Pakistan for type 1**

Abstract Author: Bilal Tahir (Karachi, Pakistan)

P-519 **Impact of maternal diabetes in pregnancy on neonatal hypoglycemia and other neonatal outcomes**

Abstract Author: Thomas Meissner (Duesseldorf, Germany)

P-520 **Risk factors of hypoglycaemia and hyperglycaemia during Ramadan fasting in Indonesian children and adolescents with type 1 diabetes**

Abstract Author: Ghaisani Fadiana (Jakarta, Indonesia)

P-521 **Association between adolescent confidence in self-management of type-1 diabetes mellitus and disease duration - NO EPOSTER AVAILABLE**

Abstract Author: Rayi Kurnia Perwitasari (Surabaya, Indonesia)

P-522 **Incidence of type 1 diabetes in children and adolescents during the COVID-19 pandemic: epidemiological and clinical profile at Laquintinie Hospital, Douala**

Abstract Author: Ntsoli Kofane Gaelle (Douala, Cameroon)

P-523 **Impact of carbohydrate counting and diabetes education on glycemic control and quality of life in children and adolescents with T1DM in the Himalayan region**

Abstract Author: Rekha Negi (Dehradun, India)

- P-524 **Fasting Ramadan and its effect on glycaemic control and glucose excursions in paediatric diabetic patients with continuous glucose monitoring**
Abstract Author: Batool Almoallem (Dubai, United Arab Emirates)
- P-525 **Predictors of DKA recurrence in pediatric type 1 diabetes in a developing country**
Abstract Author: Nour Jelalia (Ben Arous, Tunisia)
- P-526 **'DIABETES' beyond insulin**
Abstract Author: Omobolanle Kazeem (Norwich, United Kingdom)
- P-527 **Frequency, clinical characteristics and predictors of ketoacidosis at diagnosis of type one diabetes mellitus in children and adolescents from Annaba, (Eastern Algeria)**
- P-528 **Manual insulin dose adjustment as an alternative to automated insulin delivery in low- and middle-income countries: a case-based approach**
Abstract Author: Riwa Kahale (Amman, Jordan)
- P-529 **Tragic loss, systemic failure: the death of a rural Kenyan teen exposes gaps in healthcare and Social Determinants of Health (SDOH)**
- P-530 **Classification types of diabetes mellitus in young patients at Bach Mai Hospital**
- P-531 **Follow-up screening outcomes with the Mind Youth Questionnaire (MY-Q), a health-related quality of life screening tool among adolescents with type 1 diabetes in a Canadian tertiary care centre**
Abstract Author: Aleksandra Stojanova (Kingston, Canada)
- P-532 **Comparative efficacy of a two daily premixed 70/30 insulin injection versus a basal-bolus self-mixed NPH and regular insulin in a limited resources setting: a randomized crossover clinical trial**
Abstract Author: Yempabou Sagna (Bobo-Dioulasso, Burkina Faso)
- P-533 **Gestational diabetes mellitus and its impact on maternal and neonatal outcomes in Indigenous populations: a systematic review and meta-analysis**
- P-534 **Impact of diabetes camp attendance on hba1c levels in children and adolescent patients: a comparative analysis - NO EPOSTER AVAILABLE**
Abstract Author: Md Tazul Islam Munshi (Dhaka, Bangladesh)
- P-535 **Type 1 diabetes mellitus national data for health policy decision making**
- P-536 **The role of vitamin D deficiency in type 1 and type 2 diabetes, a narrative review**
- P-537 **Personalized social support approach to increasing access to insulin resulting to the program enrollment of children and young people with or without disabilities with type 1 diabetes in the National Capital Region**
Abstract Author: Danwell Esperas (Tacloban, Philippines)
- P-538 **From mismanagement to stabilization: a case study on timely intervention for type 1 diabetes in primary health care in Tanzania**
Abstract Author: Renatus Nyarubamba (Dar Es Salaam, Tanzania)
- P-539 **Epidemiological profile of type 1 diabetes in children: about 2500 new cases 2015-2024**
Abstract Author: Zineb Imane (Rabat, Morocco)

- P-540 **Type A insulin resistance syndrome**
- P-541 **The magnitude of lipodystrophy and associated risk factors among type 1 DM children and adolescents on follow up at tertiary hospital, Addis Ababa, Ethiopia**
Abstract Author: Sewagegn yeshiwas (Addis Ababa, Ethiopia)
- P-542 **Psychosocial profile of parents of children living with diabetes at the N'Djamena Mother and Child University Hospital**
Abstract Author: Dadjia Djaury (Ndjamena, Chad)
- P-543 **Hidden diabetes: hunting for monogenic diabetes in current paediatric diabetes patients**
Abstract Author: Victoria Hemming (Wakefield, United Kingdom)
- P-544 **The impact of holistic financial investment on HbA1c levels in children**
Abstract Author: Sheila Wanjuki (Nairobi, Kenya)
- P-545 **Assessing the association between age, weight and HbA1c among patients with type 1 diabetes (T1D) at Vihiga County Referral Hospital(VCRH), Kenya (2024)**
Abstract Author: Laurine Mukopi (Maragoli, Kenya)
- P-546 **Clinical and treatment characteristics associated with disorder eating behaviors in Canadian adolescents with type 1 diabetes**
Abstract Author: Jess Forster (Markham, Canada)
- P-547 **The global collaborative for changing diabetes in children (GC-CDiC): type 1 diabetes service provision and research preparedness in Cameroon, Ethiopia, Guinea, India, and Malaysia**
Abstract Author: John T Figi (Boston, United States)
- P-548 **Diabetes mellitus and growth hormone deficiency in pediatrics: correlation or coincidence?**
Abstract Author: Luis Fabio Palacios Porta (Caba, Argentina)
- P-549 **Exceptional association of type B insulin resistance syndrome and type 1 diabetes**
Abstract Author: Hela Marmouch (Monastir, Tunisia)
- P-550 **Skin signs not to miss: pediatric necrobiosis lipoidica reveals the need for routine diabetic check-ups**
Abstract Author: Mariana Prieto (Caba, Argentina)
- P-551 **“Tell Me the Truth” vs. “Understand Me Better”: exploring the impact of adherence to the national diabetes language guidelines in a pediatric diabetes clinic**
Abstract Author: Emily Chaytor (Halifax, Canada)
- P-552 **Evaluating the impact of diabetes education on referral rates among type 1 diabetes patients at Nyahururu County Referral Hospital, Kenya (2021-2024) - NO EPOSTER AVAILABLE**
Abstract Author: Grace Kariuki (Nairobi, Kenya)
- P-553 **Development of multiple sclerosis in adolescent male with type 1 diabetes mellitus after COVID 19 vaccination**
- P-554 **Introduction of therapeutic education for children and families with type 1 diabetes in a resource-limited country (Gabon): difficulties and challenges**
Abstract Author: Nathalie Pauline Elouga-Beng Aloli (Libreville, Gabon)
- P-555 **Pre and post psychological impact of using insulin to treat type 1 diabetes children**

- P-556 **Digital health-enabled model for monitoring the management of diabetes in Kenya**
- P-557 **Efficacy and safety of an artificial intelligence tool for carbohydrate counting in children and adults with type 1 diabetes mellitus**
Abstract Author: Caroline Gouveia Buff Passone (São Paulo, Brazil)
- P-558 **Impact on glycemic level by diet and education in established type 1 diabetes mellitus**
Abstract Author: Muzammil Mohammed (Hyderabad, India)
- P-559 **Precise treatment of pediatric diabetic ketoacidosis - a safe treatment protocol**
Abstract Author: Maria Paul-Anttila (Turku, Finland)
- P-560 **Implementation of systematic serological screening among first-degree relatives of a child with T1D**
Abstract Author: Amel Zennaki (Oran, Algeria)
- P-561 **Early intensive insulin therapy with an AHCL system at the onset of asymptomatic type 1 diabetes mellitus: clinical experience in three pediatric patients**
Abstract Author: Andrea Rigamonti (Milano, Italy)
- P-562 **Type 1 diabetes mellitus and celiac disease association in children and adolescents in Western Algeria - NO EPOSTER AVAILABLE**
Abstract Author: Karim Bouziane Nedjadi (Oran, Algeria)
- P-563 **Type 2 diabetes care processes in children and young people and how can we improve the care we offer**
- P-564 **Insights into the management of type 1 diabetes in children: a survey of insulin use among healthcare providers in Pakistan**
- P-565 **Manual insulin dose adjustment as an alternative to automated insulin delivery in low- and middle-income countries: a case-based approach**
Abstract Author: Riwa Kahale (Amman, Jordan)
- P-566 **Challenges in school life for children and adolescents with type 1 diabetes**
Abstract Author: Didem Gunes Kaya (Istanbul, Turkey)
- P-567 **Diagnosis, comorbidities, and treatment process in patients with type 2 diabetes mellitus: a single-center experience - NO EPOSTER AVAILABLE**
Abstract Author: Erdal Kurnaz (Ankara, Turkey)
- P-568 **Mauriac syndrome in a pediatric patient with recurrent DKA: a case report**
Abstract Author: Mariana Zorron (Campinas, Brazil)
- P-569 **Trends in diabetes prevalence and associated behavioral factors in the Manzese Ward of Dar es Salaam, Tanzania**
Abstract Author: Happy Nchimbi (Dar es Salaam, Tanzania)
- P-570 **Impact of GLP-1 receptor agonists on glyco-metabolic control in patients with type 2 diabetes mellitus**
Abstract Author: Andrea Rigamonti (Milano, Italy)
- P-571 **Lived experiences of managing type 1 diabetes in Uganda: a phenomenological study**
Abstract Author: Wenceslaus Sseguya (Kampala, Uganda)
- P-572 **A rare case of Hamman's syndrome complicating diabetic ketoacidosis in a paediatric patient with type 1 diabetes mellitus**

Abstract Author: Ioannis Anargyros Vasilakis (Athens, Greece)

P-573 **Evaluation of effectiveness of a protocol in improving monitoring of children with diabetic ketoacidosis - NO EPOSTER AVAILABLE**

Abstract Author: Anjumanara Omar (Nairobi, Kenya)

P-574 **Analysis of the impact of selected clinical aspects on the occurrence of sexual dysfunctions in the adult population with type 1 diabetes**

P-575 **Hyperglycemia and everyday memory in youth with type 1 diabetes**

Abstract Author: Mary Katherine Ray (St. Louis, United States)

P-576 **Use of an intensive insulin management program in a pregnant woman with type 1 diabetes with prior intrauterine death: a case report from SWIIM-Kashmir**

Abstract Author: Bruce King (Australia)

P-577 **The impact of artificial intelligence on clinical practice in diabetes management**

Abstract Author: Muzammil Mohammed (Hyderabad, India)

P-578 **Does the use of multiple daily injection (MDI) insulin regimen improve glucose control in type 1 diabetes (T1D)? A case study of Vihiga County - Kenya (2024)**

Abstract Author: Mike Endovo (Mbale, Kenya)

P-579 **Enhancing diabetes care in schools: overcoming challenges, implementing strategies, and improving student well-being**

Abstract Author: Joy NYANGENA (Nairobi, Kenya)

P-580 **Prevalence, pattern, risk factors and clinical presentation of diabetic keto acidosis among children with type 1 diabetes in Abakaliki Nigeria**

Abstract Author: Linda Nwokeji-Onwe (Abakaliki, Nigeria)

P-581 **Clinical manifestation of GCK-MODY in a preterm infant: a case report**

P-582 **Risk factors and outcomes of acute kidney injury in children with diabetic ketoacidosis - NO EPOSTER AVAILABLE**

Abstract Author: Naseem Alyahyawi (Jeddah, Saudi Arabia)

P-583 **Comparing glucose control of type 1 diabetes (T1D) for children and adolescents in Isiolo and Vihiga Counties of Kenya (2024-2025)**

Abstract Author: Claver Kimathi (Isiolo, Kenya)

P-584 **Tracking phenomenon in the annual trends of HbA1c in children and adolescents with type 1 diabetes in prospective cohort studies, regardless of treatment methods**

Abstract Author: Toru Kikuchi (Kyoto, Japan)

P-585 **Evaluation of paediatric diabetic ketoacidosis management protocol at the Kenyatta National Hospital in Nairobi, Kenya - NO EPOSTER AVAILABLE**

Abstract Author: Prisca Amolo (Nairobi, Kenya)

P-586 **Empowering communities for early diabetes action: a strategic advocacy approach in Tanzania**

Abstract Author: Savegod Moshly (Dar es Salaam, Tanzania)

P-587 **Seizure in type 1 diabetes mellitus child**

P-588 **Facing diabetes earlier: insights from pediatric data in Fez, Morocco**

- P-589 **Sexual dysfunction in the population of young adults with type 1 diabetes**
- P-590 **Mauriac syndrome in a child with type 1 diabetes in 2025**
- P-591 **Reducing the stigma associated with living with type 1 diabetes among school-going children in Kenya**
- P-592 **Treatment options for overweight/obesity in type 1 diabetes mellitus (T1D): a systematic review!**
Abstract Author: Alok Gupta (Dartford, United Kingdom)
- P-593 **Characterization of type 1 diabetes admissions at Vihiga County Referral Hospital (VCRH) - 2022-2025**
Abstract Author: Jerusa Oluhano (Mbale, Kenya)
- P-594 **Challenges in managing type 1 diabetes among children and adolescents at school in rural South of Rajasthan, India**
- P-595 **Diabetic ketoacidosis admissions in patients with pre-existing type 1 diabetes: identifying factors associated with DKA admission**
Abstract Author: Maria Ionescu (Basildon, United Kingdom)
- P-596 **The metabolic impact of children and adolescents living with type 1 diabetes who participate in a Changing Diabetes in Children (CDiC) camp in Bangladesh**
Abstract Author: Md Nowroj kabir Prottoy (Dhaka, Bangladesh)
- P-597 **Prolonged honeymoon phase in a young child with type 1 diabetes: a case report and review**
Abstract Author: Muath Abu Abah (Toronto, Canada)
- P-598 **Between psychological suffering and the influence of tradition, African diabetic adolescents must realize themselves: a qualitative study**
Abstract Author: Hélène KAMO SELANGAI (Garoua, Cameroon)
- P-599 **Management of Young in very young in LMICS: preferred choices**
- P-600 **Characteristics of a diabetes access clinic for uninsured pediatric patients**
Abstract Author: Rachel Longendyke (Washington, United States)
- P-601 **Screening for diabetic peripheral neuropathy using electrochemical skin conductance (ESC) on type 1 diabetes mellitus patients at Cambodia-Korea Diabetes Center (CKDC) of Cambodia-China Friendship Preah Kossamak Hospital (CCFKH)**
Abstract Author: Tola Chantha (Phnom Penh, Cambodia)
- P-602 **Sustained glycemic benefits two years after low-carbohydrate or Mediterranean diet intervention in adolescents with type 1 diabetes**
- P-603 **Breaking Barriers: the triumph of free insulin advocacy for type 1 diabetes in India**
Abstract Author: Manojkumar Agrawal (Ahmedabad, India)
- P-604 **Arterial hypertension in diabetic children treated at the Bouaké Teaching Hospital (Côte d'Ivoire)**
Abstract Author: Yao Kossonou Roland Yeboua (Bouaké, Cote D'Ivoire)
- P-605 **acute complications of diabetes**
- P-606 **Growth failure in diabetic children: a closer look at hypothalamic-pituitary axis abnormalities**
Abstract Author: Sanae EL MOUDDEN (Fez, Morocco)

- P-607 **A case report with MODY 8 in 10 year-old boy in Viet Nam**
Abstract Author: Trinh Hue (Ho Chi Minh, Vietnam)
- P-608 **Increasing completion rates of diabetes distress questionnaires among pediatric patients with type 1 diabetes**
Abstract Author: Emily L. DeWit (Kansas City, United States)
- P-609 **Lifestyle, nutrition, and exercise among refugees with type 1 diabetes**
- P-610 **Enhancing care through local specialised paediatric diabetes service**
Abstract Author: Lit Kim Chin (St Albans, Australia)
- P-611 **Living with type one diabetes in Kenya**
Abstract Author: Chasia Lewis (Nairobi, Kenya)
- P-612 **Perception and mode of revelation of type 1 diabetes in Niger**
- P-613 **The impact of donated insulin on glycated haemoglobin in children with type 1 diabetes mellitus in a resource-limited setting**
Abstract Author: Ibronke Akinola (Ikeja, Nigeria)
- P-614 **Aspect of diabetic retinopathy on type 1 diabetes mellitus patients and related factors at Cambodia-Korea Diabetes Center (CKDC) of Cambodia-China Friendship Preah Kossamak Hospital (CCFKH)**
Abstract Author: Panha Men (Phnom Penh, Cambodia)
- P-615 **STEPSTONES transition program for young people with type 1 diabetes - exploration of barriers and facilitators for implementation in clinical practice**
Abstract Author: Carina Sparud Lundin (Gothenburg, Sweden)
- P-618 **Advancements in pharmacotherapy for type 2 diabetes mellitus in children and adolescents: a chronological review**
- P-619 **Hemolytic-uremic syndrome in patient with type 1 diabetes - NO EPOSTER AVAILABLE**
Abstract Author: Lidia Groele (Warsaw, Poland)
- P-621 **Fear of complications, mental health, and glycemia outcomes in people living with type 1 diabetes followed in a Northeastern Brazil diabetes clinic**
Abstract Author: Nathalia Costa Monteiro (São Cristovão, Brazil)
- P-622 **No matter how high the BMI, there is hope in childhood obesity - NO EPOSTER AVAILABLE**
Abstract Author: Lucy Mungai (Nairobi, Kenya)
- P-623 **CGM and HbA1c results from the HumAn-1 study: a randomized trial comparing human vs analogue insulin for youth with T1D in low-resource settings**
- P-625 **Diabetic Foot Care**
Abstract Author: Bernalien Merveil Mbimi-Moumpoussouka (Brazzaville, Congo)
- P-626 **Mauriac syndrome in Nigerian children living with type 1 diabetes mellitus: a report of two cases**
Abstract Author: Oluwadamilola Oladipo (Lagos, Nigeria)
- P-627 **Establishment of reference values for handgrip strength and their associations with metabolic syndrome in Korean youth and young adults**
Abstract Author: Jieun Lee (Goyang, Korea, Republic of)
- P-628 **Acute painless peripheral mononeuropathy in a newly diagnosed**

- type 1 diabetes mellitus, rare presentation: a case report**
Abstract Author: Sommayya Aftab (Lahore, Pakistan)
- P-629 **Clinical and demographic profile of children with type 1 diabetes: a single-center study**
Abstract Author: G. D. Ramchandani (Kota, India)
- P-630 **Diagnosis of type 2 diabetes mellitus with hemorrhagic shock**
Abstract Author: Natasha Yaneva (Sofia, Bulgaria)
- P-631 **Sexual behaviour among children and adolescents with type 1 diabetes mellitus in Ghana**
Abstract Author: Emmanuel Ameyaw (Kumasi, Ghana)
- P-632 **Risk factor affecting glycemic control on linear growth in children with type-1 diabetes mellitus**
Abstract Author: Timothy Eduard Absalom Supit (Jakarta, Indonesia)
- P-633 **Detection of microalbuminuria in a cohort of diabetic children and adolescents followed in Guinea - NO EPOSTER AVAILABLE**
Abstract Author: Mamadou Dian Mamoudou Diallo (Labe, Guinea)
- P-635 **Assessing occupational stress levels among clinical staff at Federal Teaching Hospital Katsina, with a focus on individuals managing diabetes mellitus**
- P-636 **Case report and literature review of a child with extremely high hyperglycemic hyperosmolar state complicated by diabetic ketoacidosis and rhabdomyolysis**
- P-637 **The impact of autoimmune thyroiditis on type 1 diabetes in children: a comprehensive study**
Abstract Author: Chisnoiu Tatiana (Constanta, Romania)
- P-638 **Quality of life among Indian parents caring for children and adolescents with type 1 diabetes: a cross-sectional study**
Abstract Author: Amrit Kaur (Nashik, India)
- P-105 **General epidemiological evolution of T1D in children from 1973 to 2024. Use of a departmental register covering 3984 cases**
Poster Presenter: Mahmoud Touhami (Oran, Algeria)
- P-639 **Design of a community-linked primary care program for pediatric obesity and type 2 diabetes prevention in South Korea**
Abstract Author: Yong Hee Hong (Bucheon, Korea, Republic of)
- P-640 **Development of a prediction model for severe hypoglycemia in children with type 1 diabetes: the epi-GLUREDIA study**
- P-641 **Implementation of a transition education program to enhance college preparedness and health outcomes in adolescents with type 1 diabetes mellitus**
Abstract Author: Haley Smith, CPNP, CDCES (Fairfax, United States)
- P-642 **Heterogeneity in 401 children with type 1 diabetes mellitus across age groups: a single-center retrospective study**
Abstract Author: Yu Ding (Shanghai, China)
- P-643 **Gaps and opportunities in nutrition therapy for diabetes and hypertension in Kenya's Primary Health Care**
Abstract Author: Elvirah Riungu (Nairobi, Kenya)
- P-644 **Comparative analysis of glycemic control in children with type 1 diabetes using DIYAPS during school days and holidays**
Abstract Author: Xianming Li (HeFei, China)

- P-645 **Associations of glycemic and psychosocial outcomes with executive function among teens and emerging adults with type 1 diabetes (T1D)**
Abstract Author: Rebecca Vitale (Chapel Hill, United States)
- P-646 **Promoting early pump/AID uptake in newly diagnosed type 1 diabetes: the impact of systematic education from 4T study 2**
Abstract Author: Franziska K. Bishop (Stanford, United States)
- P-648 **Advanced diabetes technology use in youth with type 1 diabetes despite presence of health-related social needs**
Abstract Author: Charlotte Chen (Bronx, United States)
- P-649 **Changing Diabetes in Children (CDiC): establishing baseline data to improve pediatric type 1 diabetes care**
Abstract Author: Erum Ghafoor (Karachi, Pakistan)
- P-650 **Prevalence and nature of complications associated with T1DM among patients attending the diabetes clinic at Machakos County Referral Hospital**
- P-651 **Development and validation of glukopedia: a mobile application to support sugar consumption awareness through packaged beverage barcode scanning in Indonesia**
- P-652 **Relationship between oral glucose tolerance test characteristics and adverse maternal-neonatal outcomes among women with gestational diabetes mellitus**
- P-653 **INHALE-1: a 26-week primary treatment with 26-week extension, open-label, randomized clinical trial evaluating the efficacy and safety of afrezza® vs rapid-acting analogue insulin in pediatric subjects with diabetes**
Abstract Author: Jamie Wood (Cleveland, United States)
- P-654 **GLP-1 Monotherapy in newly diagnosed youth with type 2 diabetes is superior to Metformin in achieving weight loss**
Abstract Author: Lily Chao (Los Angeles, United States)
- P-655 **Integrated tele-helpline support for pregnant women with type 1 diabetes in LMICs: can technology improve outcomes where access is limited? NO EPOSTER AVAILABLE**
Abstract Author: Musarrat Riaz (Karachi, Pakistan)
- P-657 **Tirzepatide in youth with type 2 diabetes: a Phase 3, randomised, double-blind, placebo-controlled trial (SURPASS-PEDS)**
Abstract Author: Tamara Hannon (Indianapolis, United States)
- P-658 **Demographic, clinical, behavioral, and psychosocial predictors of glycemic control trajectories over nine years in adolescents with type 1 diabetes**
Abstract Author: Alan Delamater (Miami, United States)
- P-659 **Assessment of diabetes distress in people with type 1 diabetes using the Diabetes Distress Scale (DDS): a cross-sectional study from a low middle income country - NO EPOSTER AVAILABLE**
Abstract Author: Musarrat Riaz (Karachi, Pakistan)
- P-660 **Impact of parental fear of hypoglycemia on quality of life in children with type 1 diabetes and their parents**
Abstract Author: Melek Yildiz (Istanbul, Turkey)
- P-661 **Mapping the global landscape of youth-onset type 2 diabetes: diagnosis and management - a scoping review**
Abstract Author: Megan Yuasa (San Francisco, United States)

- P-662 **Cost-effectiveness of three potential population-wide screening strategies for type 1 diabetes in Australian children**
Abstract Author: Kirstine Bell (Sydney, Australia)
- P-663 **Feasibility and acceptability of a national screening program for type 1 diabetes in children in Australia**
Abstract Author: Kirstine Bell (Sydney, Australia)
- P-664 **Empowering lives through diabetes education: a pathway to self-management and better health outcomes**
Abstract Author: Esther Chumburi (Nairobi, Kenya)
- P-665 **Real-world performance of a tubeless Automated Insulin Delivery (AID) system in children and adolescents with type 1 diabetes (T1D) in Europe**
Abstract Author: Fiona Campbell (Leeds, United Kingdom)
- P-666 **Emerging methylation signatures of metabolic memory associate with diabetes and its complications: a meta-analysis from eight independent studies**
Abstract Author: Jędrzej Chrzanowski (Łódź, Poland)
- P-667 **Global type 1 diabetes prevalence, incidence, and mortality in 2025 and projections to 2040: estimates from the T1D Index Version 3.0 and IDF Atlas 11th Edition**
Abstract Author: Stephanie Pearson (New York, United States)
- P-668 **Enhancing diabetes awareness and management through school-based education programs in Kenya**
Abstract Author: Lawrence Mbogo (Nairobi, Kenya)
- P-669 **Efficacy and safety of DPP-4 inhibitors in pediatric patients with type 2 diabetes: a systematic review and meta-analysis**
- P-670 **Triple X syndrome with type 1 diabetes**
Abstract Author: Vani Hebbal Nagarajappa (Bangalore, India)
- P-671 **Development of a decision-analytic model to evaluate the cost-effectiveness of screening for type 1 diabetes, celiac disease, and autoimmune thyroid disease in children**
Abstract Author: Aymeric Mahieu (Paris, France)
- P-673 **Investigating early single-cell changes to unravel the chronology of cardiovascular complications in type 1 diabetes**
Abstract Author: Rida Khan (Vancouver, Canada)
- P-674 **A study of correlation between biochemical parameters and physiological changes in children with diabetic ketoacidosis**
Abstract Author: Seema Rai (Faridkot, India)
- P-675 **Time-in-range and HbA1c: the influence of CGM sensor wear-time**
Abstract Author: Adam Johnson (Washington, DC, United States)
- P-676 **A rare case of insulin receptor mutation in a preterm infant with persistent jaundice, hypertrichosis, and severe insulin resistance - NO EPOSTER AVAILABLE**
Abstract Author: Shafaq Muneer (Islamabad, Pakistan)
- P-677 **Community-based diabetes care via WhatsApp: a case study of the Youth Diabetes Congo Group in South Kivu - NO EPOSTER AVAILABLE**
Abstract Author: Albert Kalehezo Murhabazi (Bukavu, Congo (Democratic Republic))
- P-678 **The impact of the Allied Health Care Professionals Paediatric-Diabetes Educator Course for Africa (ADECA) on the incidence and characteristics of DKA among children and young adults at the**

Paediatric Diabetes Clinic at Komfo Anokye Teaching Hospital (KATH), Ghana

Abstract Author: Mary Agyeiwaah Effah Bioh (Kumasi, Ghana)

P-679 **Voices from Laos: navigating the transition from a twice daily to multiple daily insulin regimen in a resource-limited setting**

Abstract Author: Steven James (Petrie, Australia)

P-680 **Post-disaster health systems recovery: rebuilding type 1 diabetes care for children and young people in Myanmar following the 2025 earthquake**

Abstract Author: Sze May Ng (Ormskirk, United Kingdom)

P-681 **Evaluation of continuous glucose monitoring use in type 1 diabetes: clinical benefits and effects of health insurance reimbursement on device adoption**

Abstract Author: Zeynep Donbaloglu (Antalya, Turkey)

P-682 **Transforming paediatric diabetes care with ADNAT: a digital health assessment app for enhancing diabetes care and wellbeing in children and young people with type 1 diabetes**

Abstract Author: Sze May Ng (Ormskirk, United Kingdom)

P-683 **Preclinical biomarkers of neural damage in youth with type 1 diabetes (T1D): the SEARCH for diabetes in youth study**

Abstract Author: Meghan E. Pauley (Aurora, United States)

P-684 **Real-world effectiveness of a tubeless AID system in children and adolescents with T1D in Italy: preliminary results of a multicenter study**

Abstract Author: Marta Bassi (Genova, Italy)

P-685 **Navigating the psycho-social aspects of parents caring for a child with type 1 diabetes mellitus: a qualitative study from Pokhara, Nepal**

P-686 **Gut-oral-blood microbial dysbiosis and metabolic perturbations in pediatric type 1 diabetes**

Abstract Author: Feihong Luo (Shanghai, China)

P-687 **Clinical and biochemical features of MODY in children: a single-center experience**

P-688 **Acute complications of type 1 diabetes in children: prevalence, management challenges, and strategies for improved outcomes in low-resource settings**

P-689 **Strengthening health policy and systems research for adolescent diabetes prevention in Pakistan**

Abstract Author: Sajid Hameed (Lahore, Pakistan)

P-690 **A real-world retrospective study: comparing the safety and effectiveness of the do-it-yourself loop open-source automated insulin delivery system and android APS in Chinese children with type 1 diabetes**

Abstract Author: Yuqing Chen (Hefei, China)

P-691 **Clinical and genetic features of pediatric maturity-onset diabetes of the young**

P-692 **Important of DIABETES education and awareness to schools caregivers teachers**

Abstract Author: Naomi Kahiga (Mombasa, Kenya)

P-693 **Psychological considerations & practical clinical approaches to address anxiety and avoidance-related behaviors with T1D devices**

in pediatric patients

Abstract Author: Taylor Stephens (Cleveland, United States)

P-694 **Liraglutide potently protects against streptozotocin-induced acute islet injury by inhibiting HMGB1 release**

P-695 **Early AID therapy in type 1 diabetes: real-world insights from a pediatric case report**

Abstract Author: Eleonora Chiarle (Novara, Italy)

P-696 **Breaking barriers: a structured multidisciplinary care model for youth with type 2 diabetes**

Abstract Author: Christian Denzer (Ulm, Germany)

P-697 **Strengthening ward nurse competency in pediatric diabetes care through interdisciplinary training: a collaborative approach**

P-698 **The impact of transitioning from Mixtard regimen to basal-bolus regimen on glycemic control measured by HbA1c and self-monitoring of blood glucose (SMBG) in type 1 diabetes (T1D) patients at Machakos Level 5 Hospital**

P-699 **Correlation between BMI Z-Scores and waist circumference in pediatric obesity assessment: using data from the national student health examination in Korea**

Abstract Author: Sochung Chung (Seoul, Korea, Republic of)

P-700 **Supply chain management for type 1 diabetes medications in Kenya's primary healthcare system**

P-701 **Beyond glycemic control: the role of AID technology and comprehensive metabolic management in adolescents with type 1 diabetes and obesity**

Abstract Author: Valeria Castorani (Novara, Italy)

P-702 **The use of a retrospective meal-detection tool to characterize meal-bolusing behaviors in children with type 1 diabetes (T1D) using an advanced hybrid closed loop system in different regions**

Abstract Author: John Shin (Northridge, United States)

P-703 **Beyond the price tag: exploring the economic barriers and value-based access to diabetes care in low-income communities**

P-704 **Psychophysiological correlates of emotion regulation in type 1 diabetes: a scoping review**

Abstract Author: Gabrielle Boucher (Trois-Rivières, Canada)

P-705 **Use of dulaglutide in a pediatric patient with Bardet-Biedl syndrome and type 2 diabetes mellitus: a case report**

Abstract Author: Wafaa Laimon (Kuwait, Kuwait)

P-706 **Dietary patterns among youth with type 1 diabetes: comparing automated insulin delivery users to non-automated delivery users**

Abstract Author: Meryem K. Talbo (Stanford, United States)

P-707 **Factors associated with emotional well-being in parents of children and adolescents with type 1 diabetes: the role of diabetes distress, social support and resilience**

Abstract Author: Marina Beléndez (Alicante, Spain)

P-708 **Safety and glycemic outcomes of MiniMed 780G Advanced Hybrid Closed-Loop System use in children under 7 years with type 1 diabetes: a 12-month case series**

Abstract Author: Wafaa Laimon (Kuwait, Kuwait)

P-709 **BEYOND SUGARCOATING: Diabetes, Hidden Histories in Care,**

Cure and Science: A Novel Approach!

Abstract Author: Annabelle S. Slingerland (Amsterdam, Netherlands)

P-710 **Implementing a remote study protocol in adolescents and young adults with type 1 diabetes**

Abstract Author: Amit Shapira (Boston, United States)

P-711 **Navigating the transition: a comprehensive study on the impact of primary to secondary school transition care on T1D management**

Abstract Author: Lucy Angela Dockery (Dublin, Ireland)

P-712 **Glycemic outcomes during real world use of a bionic pancreas among pre-teens, teens, young adults, and adults**

P-713 **Impact of mobile text messaging on glycemic control among adolescent diabetic patients: an Edu-diabetes approach - NO EPOSTER AVAILABLE**

Abstract Author: Neeraj Kumar (Lucknow, India)

P-175 **Between blood sugar and belonging: a qualitative study of adolescent diabetes management in resource-limited settings - NO EPOSTER AVAILABLE**

Poster Presenter: Ian Onkangi (Nairobi Municipality, Kenya)

P-65 **A longitudinal study of growth and puberty in patients with type 1 diabetes mellitus in limited resource setting - NO EPOSTER AVAILABLE**

P-131 **Impact of the new therapeutic education programme (AdoDiab-1) on the quality of life of teenagers aged 13 to 18 living with type 1 diabetes in Cameroon - NO EPOSTER AVAILABLE**

Abstract Author: Robert Vaillant Kamtchim Tagne (Melong-Littoral, Cameroon)

P-10 **Influence of chronotype on glycemic profile measured by CGM in children with type 1 diabetes - NO EPOSTER AVAILABLE**

Poster Presenter: Selen Hürmüzlü Közler (Kocaeli, Turkey)

P-129 **Utility of flash glucose monitoring in management of children with poorly controlled type 1 diabetes mellitus - NO EPOSTER AVAILABLE**

Poster Presenter: Sridevi Naaraayan (Chennai, India)

P-69 **Ideal age for commencing nephropathy screening in people with type 1 diabetes - still an enigma - NO EPOSTER AVAILABLE**

Poster Presenter: Sridevi Naaraayan (Chennai, India)

P-109 **Mortality in patients with type 1 diabetes under 30 years old in France from 2013 to 2021 - NO EPOSTER AVAILABLE**

Poster Presenter: Romée Pouliquen (Angers, France)

P-139 **Diabetes knowledges of children with T1D about insulin management and diet in Bangui, Central African Republic - NO EPOSTER AVAILABLE**

P-149 **Does celiac disease have an impact on hypoglycemia awareness in children with type1 diabetes? NO EPOSTER AVAILABLE**

P-106 **Autoantibody-negative diabetes mellitus in an Irish tertiary cohort**

Poster Presenter: Laura Reaney (Dublin 1, Ireland)

P-255 **Genetic and environmental predictors of type 1 diabetes in Russian populations: insights from multi-regional genomic and immunological analysis - NO EPOSTER AVAILABLE**

Poster Presenter: Ildar Minniakhmetov (Moscow, Russian Federation)

P-121 **Safety and efficacy of the therapy with CD4+CD25highCD127- T**

- regulatory cells - when pediatric patient becomes adult - NO EPOSTER AVAILABLE**
- P-198 **Two cases of severe obesity and diabetes mellitus in adolescents at onset: clinical presentation and the role of liraglutide in glycemic control - NO EPOSTER AVAILABLE**
Poster Presenter: Sabrina Criscuolo (Rome, Italy)
- P-200 **Optimization of click chemistry based novel pyridine derivatives targeting type 1 diabetes mellitus: β -cell regeneration via DYRK1A inhibition - NO EPOSTER AVAILABLE**
Poster Presenter: Vishal Mathur (Delhi, India)
- P-194 **Effect of contextual interventions to support the maintenance of glycaemic balance and self-efficacy of adolescents living with type 1 diabetes at CDIC centers in Yaoundé, Cameroon: a pilot study -**
Poster Presenter: Armelle Nkamga (Yaoundé, Cameroon)
- P-13 **The effectiveness of prolonged outpatient use of automated insulin delivery systems on measures of glucose control and quality of life in children and adolescents living with type 1 diabetes (T1D): a systematic review and meta-analysis - NO EPOSTER AVAILABLE**
Poster Presenter: Jonathan Mcgavock (Winnipeg, Canada)
- P-03 **Proof-of-concept study of a decision support tool for self-management of insulin dosing in type 1 diabetes with multiple daily injections - NO EPOSTER AVAILABLE**
Poster Presenter: Revital Nimri (Petah Tikva, Israel)
- P-79 **Co-designing a dyadic physical activity intervention for adolescents living with type 1 diabetes: integrating adolescent and caregiver perspectives - NO EPOSTER AVAILABLE**
Poster Presenter: Marlene Kritz (Perth, Australia)
- P-244 **Mental health service use and perceived helpfulness among young adults with type 1 diabetes following transition to adult care - NO EPOSTER AVAILABLE**
Poster Presenter: Keely Bebbington (Perth, Australia)
- P-59 **The adaptation of an eating disorder prevention intervention to a Wales paediatric diabetes context: application of the ADAPT guidelines to a clinical context - NO EPOSTER AVAILABLE**
Poster Presenter: Aisling Pigott (Cardiff, United Kingdom)
- P-157 **Beyond the numbers: integrating psychosocial assessments in routine diabetes clinics - NO EPOSTER AVAILABLE**
- P-146 **Is there a trend in statural growth in type 1 diabetic patients? - NO EPOSTER AVAILABLE**
Poster Presenter: Chaymae Hamdane (Oujda, Morocco)
- P-46 **Following the rules? Understanding which type 1 diabetes guidelines and protocols are being used by tertiary clinics in Australia: a quantitative study - NO EPOSTER AVAILABLE**
Poster Presenter: Carolynn L. Smith (Sydney, Australia)
- P-36 **Parent-reported management of type 1 diabetes in Australian children and adolescents: differences by cultural and linguistic diversity, socio-economic status, and rurality - NO EPOSTER AVAILABLE**
Poster Presenter: Carolynn L. Smith (Sydney, Australia)
- P-95 **For a high carbohydrate meal, auto mode results in higher glucose levels, early and for a high fat and protein meal, lower glucose levels, late in young people with type 1 diabetes using hybrid closed loop therapy**

Poster Presenter: Carmel Smart (Newcastle, Australia)

Oral Session
11:45 - 13:15

Session Hall 3

Oral Session I: Diabetes Screening and characteristics

Chair: Steven James (Petrie, Australia)

Chair: Guy Todd Alonso (Aurora, United States)

O-01 **Longitudinal changes in exocrine function in early life in children progressing to islet autoimmunity: the ENDIA Study**

Oral Presenter: Madeleine Hall (Adelaide, Australia)

O-02 **Sit down T1D: enhancing access to screening and staging pre-symptomatic type 1 diabetes in youth**

Oral Presenter: Lauren Culbreth (Houston, United States)

O-03 **Clinical and molecular genetic characteristics of monogenic diabetes cases - single European center experience**

Oral Presenter: Vera Zdravkovic (Belgrade, Serbia)

O-04 **First year of T1D population screening in the Czech Republic: the Betty project**

Oral Presenter: Barbora Berka (Prague, Czech Republic)

O-05 **Development and validation of a trans-ancestry polygenic risk score for type 1 diabetes**

Oral Presenter: Despoina Manousaki (Montreal, Canada)

O-06 **Proteomic profiling of Tr3-56 cells reveals a cytotoxic shift in type 1 diabetes**

Oral Presenter: Enza Mozzillo (Napoli, Italy)

O-07 **EDENT1FI-screening for early-stage type 1 diabetes in children and adolescents in school setting in Portugal**

O-08 **Multi-tissue transcriptome-wide mendelian randomization identifies susceptibility genes and pathways for type 1 diabetes**

Oral Presenter: Despoina Manousaki (Montreal, Canada)

O-09 **AI-driven individualized prediction of stage 3 type 1 diabetes diagnosis based on publicly available clinical data**

Oral Presenter: Anton Lindqvist (Stockholm, Sweden)

O-10 **Clinically suspected Maturity Onset Diabetes of the Young does not correlate with known MODY gene variants**

Oral Presenter: Mashfiqul Hasan (Dhaka, Bangladesh)

Poster Session
15:15 - 16:15

Exhibition and Poster Area

Poster Corner 2: Automated Insulin Delivery, Closed Loop

Chair: Cari Berget (Aurora, United States)

Chair: Agathe Rio (Montréal, Canada)

P-12 **Glycemic control, importance of autocorrections and flexibility in bolusing behaviors in youth using an advanced hybrid closed-loop system: a global perspective**

Poster Presenter: Jennifer McVean (Northridge, United States)

P-14 **Open-source AID systems show no inferiority to a commercial hybrid closed-loop system in real-world type 1 diabetes care: a retrospective cohort study from British Columbia**

Poster Presenter: Duha Hejla (Vancouver, Canada)

P-15 **Sustainable effect of an automated insulin delivery (AID) system in**

2-6-year-old children - results from the LENNY trial continuation phase

Poster Presenter: Klemen Dovc (Ljubljana, Slovenia)

P-16 **Factors that shape the shared decision-making involved in recommending automated insulin delivery (AID) systems for pediatric people with type 1 diabetes (PwT1D): a qualitative analysis**

Poster Presenter: Elizabeth A. Mann (Madison, United States)

P-18 **Factors impacting glycemic outcomes over 1 year following initiation of automated insulin delivery technology in youth with type 1 diabetes (T1D)**

Poster Presenter: Jayde Hooven-Davis (Pittsburgh, United States)

P-19 **United States (US) youth with type 1 diabetes (T1D) achieve target glycemia using an advanced hybrid closed-loop system with every 5-minute autocorrections and recommended optimal settings**

Poster Presenter: Robert Vigersky (Northridge, United States)

P-20 **Effects on glycaemic control when changing insulin delivery system from a manual patch pump to an automated insulin delivery system**

Poster Presenter: Anna Korsgaard Berg (Herlev, Denmark)

P-99 **Sleep disorders in children with type 1 diabetes enrolled in the changing diabetes in children (CDiC) project in Multan, Pakistan**

Poster Presenter: Erum Ghafoor (Karachi, Pakistan)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Session

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 8: Lifestyle, Nutrition and Exercise

Chair: Francesca Annan (London, United Kingdom)

P-71 **Impact of Ramadan on hospitalizations for diabetic ketoacidosis in children: a retrospective Tunisian study**

Poster Presenter: Nour Jelalia (Ben Arous, Tunisia)

P-72 **The effect of high fiber diet on glycemic variability among adolescents with type 1 diabetes mellitus**

Poster Presenter: Nouran Salah (Cairo, Egypt)

P-73 **Immediate and overnight glycemic responses to two different exercise modalities in adolescents with type 1 diabetes using automated insulin delivery systems**

Poster Presenter: Emilie Lindkvist (Herlev, Denmark)

P-74 **National, multi-centre, diet questionnaire shows high levels of habits linked to CVD risk and significant differences between units, regions and population subsections**

Poster Presenter: Kate Henson (Manchester, United Kingdom)

P-75 **National, multi-centre, lifestyle questionnaire highlights concerning lifestyle habits linked to CVD risk and significant variability across UK diabetes units and population subsections**

Poster Presenter: Kate Henson (Manchester, United Kingdom)

P-76 **A new sports management tool: what impact does it have on blood sugar control and snack consumption in adolescents with type 1 diabetes (T1D)?**

Poster Presenter: Julie Pelicand (Toulouse, France)

P-77 **Dietary patterns for weight and glycemic management in persons with type 1 diabetes: a precision nutrition-focused systematic review and meta-analysis of clinical trials**

Poster Presenter: Daria Igudesman (Orlando, United States)

P-78 **Comparison of metabolic control, dietary habits and activity in children and adolescents treated with insulin pumps**

Poster Presenter: Agnieszka Lejk (Gdańsk, Poland)

P-80 **Empowering youth with type 1 diabetes: the role of nutrition, exercise, and lifestyle interventions in resource limited settings**

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 9: Psychological and Psychosocial aspects of diabetes

Chair: Jill Weissberg-Benchell (Chicago, United States)

Chair: Holly O'Donnell (Aurora, United States)

P-81 **Healthcare care professionals experience with routine mental health screening in pediatric diabetes care: results from a global survey**

Poster Presenter: Jess Forster (Markham, Canada)

P-82 **Psychological implications of time in tight range in adolescents with type 1 diabetes**

Poster Presenter: Bruno Bombaci (Messina, Italy)

P-83 **Transition to adult care: hypoglycemia distress and depressive symptoms as mechanisms of intervention impact**

Poster Presenter: Marisa E. Hilliard (Houston, United States)

P-84 **Teaching Adolescents with type 1 Diabetes Self-compassion (TADS) to reduce diabetes distress: a randomized controlled trial**

Poster Presenter: Marwa El Masri (Ottawa, Canada)

P-85 **A safe, feasible, and acceptable wellbeing tool for adolescents with type 1 diabetes: feasibility trial of a self-compassion chatbot**

Poster Presenter: Anna Serlachius (Auckland, New Zealand)

P-86 **Assessment of neurocognitive functions in children and adolescents with type 1 diabetes**

Poster Presenter: Elzbieta Niechcial (Poznań, Poland)

P-87 **Psychosocial interventions for pediatric type 1 diabetes: perspectives of underrepresented caregivers and adolescents**

Poster Presenter: Julia Price (Wilmington, United States)

P-88 **Association between treatment modalities and Quality of Life (QOL) in children with type 1 diabetes (T1D): national survey of 1,227 French families**

Poster Presenter: Emmanuelle Labarre (Angers, France)

P-89 **Real-world continuous glucose monitoring data in children, adolescents, and young adults with type 1 diabetes and mental disorders**

Poster Presenter: Angela Galler (Berlin, Germany)

P-90 **Carbohydrate counting in type 1 diabetes: a hidden psychosocial burden in Mauritius?**

Poster Presenter: Lydia Dorasami (Quatre Bornes, Mauritius)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 4: Outcomes and Care Models

Chair: Brynn E Marks (Boston, United States)

Chair: Carmel Smart (Newcastle, Australia)

P-31 **Unrecognized social needs in a Canadian Tertiary Care Pediatric Diabetes Clinic: insights from navigating social resources for children's health (NSRCH) study**

Poster Presenter: Caroline Zuijdwijk (Ottawa, Canada)

P-32 **Time in hypoglycemia is not related to Time in Tight Range or HbA1c**

Poster Presenter: Ragnar Hanas (Uddevalla, Sweden)

P-33 **Establishing a pediatric type 2 diabetes registry with the T1D exchange QI collaborative**

Poster Presenter: Carla Demeterco-Berggren (San Deigo, United States)

P-34 **Onset of stage 3 type 1 diabetes (T1D) in children and adolescents with and without early T1D detection programs**

Poster Presenter: Olga Kordonouri (Hannover, Germany)

P-35 **Association between menstrual cycle phases and insulin requirements in adolescent females with type 1 diabetes using automated insulin delivery: effect of hormonal contraception**

Poster Presenter: Olga Kordonouri (Hannover, Germany)

P-37 **ConnecT1D: reorienting diabetes care from episodic visits to a proactive continuum improves glycemic outcomes and narrows health equity gaps**

Poster Presenter: Sarah Corathers (Cincinnati, United States)

P-38 **Audit of National First Year of Care (FYOC) pathway for children and young people (CYP) with a new diagnosis of type 1 diabetes in England**

Poster Presenter: Peter Christian (Kent, United Kingdom)

P-39 **Beyond babysitting: a real-world model of in-person diabetes coaching & mentorship for children and families**

Poster Presenter: Sabella Larkin (San Diego, United States)

P-40 **How burdened are parents of young children (< 6 years) diagnosed with early (stage 1 or 2) or clinical (stage 3) type 1 diabetes (T1D) in their child compared to the general population?**

Poster Presenter: Olga Kordonouri (Hannover, Germany)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 3: Pathogenesis & Etiology; Epidemiology

Chair: Lars Krogvold (Oslo, Norway)

Chair: Daniele Pacaud (Calgary, Canada)

P-21 **Incidence of type 1 diabetes in Polish children: a 33-year-long observational, multicenter PolPeDiab study**

Poster Presenter: Przemyslaw Jarosz-Chobot (Katowice, Poland)

P-23 **First multicentric registry of the situation of type 1 diabetes care in children, adolescents, and young adults in Argentina**

Poster Presenter: Lidia Caracotche (Buenos Aires, Argentina)

P-24 **Hierarchical analysis of age, period, and cohort effects on diabetes mellitus mortality in Colombia, 1983-2022**

Poster Presenter: Juan Pablo Pérez Bedoya (Medellín, Colombia)

- P-25 **RIMOC1, a novel regulator of mitochondrial function and mitophagy in β -cells**
Poster Presenter: Domenic Filingeri (Pittsburgh, United States)
- P-26 **Clinical characteristics and spectrum of diabetes mellitus in children at Vietnam National Children's Hospital in 2024**
Poster Presenter: Thi Hong Van Duong (Hanoi, Vietnam)
- P-27 **Shifting the Paradigm? A higher frequency of MODY5 and KCNJ11 in childhood monogenic diabetes in Argentina: findings from a referral pediatric hospital**
Poster Presenter: Mariana Prieto (Caba, Argentina)
- P-28 **Obesity in pediatric type 1 diabetes: an underestimated health problem**
Poster Presenter: Marie Edelyne St Jacques (Montreal, Canada)
- P-29 **Vascular endothelial growth factor as a biomarker of early kidney microangiopathy in obese adolescents with type 1 diabetic nephropathy**
- P-30 **Continuing prolonged complete remission in a child with autoantibody-positive diabetes: possible role of coincidental GYS2 heterozygous mutation and spontaneous hypoglycemia**
Poster Presenter: Madhumati Vaishnav (Bangalore, India)
- P-22 **Stable age at diagnosis and persistently high incidence of inaugural diabetic ketoacidosis in children with type 1 diabetes: insights from the French Diabetic Ketoacidosis Observatory (2010-2023)**
Poster Presenter: Olivier Pollé (Yvoir, Belgium)

Poster Session
15:15 - 16:15

Exhibition and Poster Area

Poster Corner 5: General Diabetes Care

Chair: Steven Willi (Philadelphia, United States)

Chair: Guy Todd Alonso (Aurora, United States)

- P-41 **The journey to adult care in youth with type 1 diabetes: a worldwide survey of current transition practice among centers participating in the international SWEET initiative**
Poster Presenter: Carine de Beaufort (Luxemburg, Luxembourg)
- P-42 **Practical management of type 1 diabetes in adolescents: challenges, strategies, and outcomes. Study from South Rajasthan, India**
- P-43 **Pregnancy outcomes among adolescents and young adults with diabetes in Kumasi, Ghana**
Poster Presenter: Emmanuel Ameyaw (Kumasi, Ghana)
- P-44 **What does diabetes look like, when you are a 4-12-year-old child with type 1 diabetes in Denmark in 2025? Crosscultural adaption of the animated diabetes avatar used in the American PRO-questionnaire Child Health Rating Inventories (CHRIS) from 1995**
Poster Presenter: Mette Madsen (Gistrup, Denmark)
- P-45 **Weight care practice for healthcare professionals in type 1 diabetes: a standardized approach by The Charles H. Best Diabetes Centre**
Poster Presenter: Diana Balicsak (Whitby, Canada)
- P-47 **Enhancing diabetes care: a quality improvement initiative to improve care process completion rates**
Poster Presenter: Gowri Prathap (Manchester, United Kingdom)

P-48 **Advancing the integration of type 1 diabetes into health system in Tanzania**

Poster Presenter: Renatus Nyarubamba (Dar Es Salaam, Tanzania)

P-49 **Challenges and opportunities in digital health for type 1 diabetes management in Kenya**

Poster Presenter: Joan Kimetto (Nairobi, Kenya)

P-50 **Safe landing: understanding the transition to adult care for youth with diabetes in Nova Scotia**

Poster Presenter: Elizabeth Cummings (Halifax, Canada)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 7: Chronic Complications

Chair: Sabine Hofer (Innsbruck, Austria)

Chair: Valentino Cherubini (Ancona, Italy)

P-61 **Assessment of microvascular disturbances with the use of novel techniques in children with type 1 diabetes**

Poster Presenter: Anna Woloszyn-Durkiewicz (Gdansk, Poland)

P-62 **iDXA-based body composition and cardiometabolic risk in Indian youth with type 1 diabetes (T1D): a longitudinal study**

Poster Presenter: Nimisha Dange (Pune, India)

P-63 **Post-prandial vasodilatation occurs following high, but not low, glycemic index meal in adolescents with type 1 diabetes**

Poster Presenter: Robert Hoffman (Columbus, Ohio, United States)

P-66 **Macular thickness in type 1 diabetic patients under 40 years old in the Yaounde Central Hospital CDiC center**

Poster Presenter: Adele Bodieu Chetcha (Yaounde, Cameroon)

P-67 **Assessment of endothelial dysfunction in type 1 diabetes mellitus using flow-mediated dilatation of the brachial artery: a prospective case-control study**

Poster Presenter: Vijay Sheker Reddy Danda (Hyderabad, India)

P-68 **Trends in incidence and prevalence of microvascular complications in Korean youth and young adults with diabetes (2008-2021)**

Poster Presenter: Jaehyun Kim (Seongnam, Korea, Republic of)

P-70 **Changes in bone mineral density and trabecular bone score in Thai youth with type 1 diabetes**

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 6: Diabetes Education

Chair: Vera Zdravkovic (Belgrade, Serbia)

Chair: Jenny Couper (Adelaide, Australia)

P-57 **Supporting diabetes education through gamification: DiaFight**

Poster Presenter: Katharine Barnard-Kelly (Southampton, United Kingdom)

P-51 **Assessing the needs and impact of a multidisciplinary community of practice to transform paediatric T1D care**

Poster Presenter: Rebecca Pedruzzi (Nedlands, Australia)

P-52 **Impact of structured diabetes education on type 1 diabetes management: a study at machakos level 5 diabetes clinic**

Poster Presenter: Phillip Mutisya (Nairobi, Kenya)

P-53 **DIActiv empathy cards: facilitating conversations on diabetes**

management exercise strategies and emotional support for adolescents with type 1 diabetes

Poster Presenter: Denise Montt-Blanchard (Santiago, Chile)

P-54 Women with type 1 diabetes and women with type 2 diabetes differ in knowledge and beliefs about contraception and pregnancy

Poster Presenter: Hela Marmouch (Monastir, Tunisia)

P-55 Diabetes education during pediatric residency training: are residents as confident as we think they are?

Poster Presenter: Gabrielle Scantlebury (Vancouver, Canada)

P-56 Progressive knowledge retention in people living with type 1 diabetes using continuous glucose monitoring in a low-resource setting in Northeastern Brazil

Poster Presenter: Nathalia Costa Monteiro (São Cristovão, Brazil)

P-58 U.S. pediatric endocrinology trainees' education and knowledge about automated insulin delivery systems (AID)

Poster Presenter: Jaisree Iyer (Philadelphia, United States)

P-60 Optimizing glycemic outcomes through flexible insulin treatment and digital support in type 1 diabetes children

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 1: Pumps and CGM; Telemedicine, Digital Health, Decision Support and Artificial Intelligence Applications

Chair: Meranda Nakhla (Canada)

Chair: R. Paul Wadwa (Aurora, United States)

P-01 The development and validation of DiaBuddy, a mobile application-based tool for guiding insulin dose adjustments in children and adolescents with type 1 diabetes

Poster Presenter: Alapan Mahapatra (Kanpur, India)

P-02 Leveraging USSD technology to visualise the prevalence of type 1 diabetes in children in Uganda: a data-driven approach

Poster Presenter: Onono Jasper (Kampala, Uganda)

P-04 Impact of a smart insulin pen on glycemic control and quality of life in children with type 1 diabetes: a 6-month Longitudinal Study

Poster Presenter: Jacobo Perez Sanchez (Sabadell, Spain)

P-05 Paediatric type 1 diabetes sub-typing in a diverse Canadian population

Poster Presenter: Jose Lazaro Guevara (Montreal, Canada)

P-06 The prevalence of glucose sensors' Skin Reactions and its Management Strategies

Poster Presenter: Declan Cody (Dublin 2, Ireland)

P-07 Early clinical outcomes and clinician perspectives on a fully automated insulin delivery system in pediatric diabetes

Poster Presenter: Carolina De Almagro (Miami, United States)

P-08 Less insulin pump use in children with type 1 diabetes and migration background at disease onset with catch-up effect over time

Poster Presenter: Katharina Pajk (Innsbruck, Austria)

P-09 Future perspective to control glycemic variations in patient with type 1 diabetes: millet based diet

Poster Presenter: Alapan Mahapatra (Kanpur, India)

P-507 **Lessons from two years of treatment with different Automated Insulin Delivery (AID) systems**

Poster Presenter: Tim Luehrs (Hannover, Germany)

Oral Session

16:30 - 18:00

Session Hall 3

Oral Session II: Genes, cells and pathways

Chair: Priya Prahalad (Stanford, United States)

Chair: Nancy Elbarbary (Cairo, Egypt)

O-11 **Superior efficacy and safety of anionic proinsulin mRNA lipid particle aggregates compared to cationic formulation**

Oral Presenter: Timothy Foster (Gainesville, United States)

O-12 **Specimen quality for multicenter clinical trials: comparing novel blood preservation methods to cryopreserved PBMC**

Oral Presenter: Eric Sandhurst (Sioux Falls, United States)

O-13 **Short-term low-carbohydrate diet depletes *Bifidobacterium*, a genus generally considered to be beneficial**

Oral Presenter: Vít Neuman (Prague, Czech Republic)

O-14 **Impact of insulin therapy on maternal allergic diseases and neonatal immune modulation in gestational diabetes**

Oral Presenter: Pardeep Kumar (Delhi, India)

O-15 **Impact of CFTR modulator therapy on glucometabolic control in children with cystic fibrosis**

Oral Presenter: Enza Mozzillo (Napoli, Italy)

O-16 **Larks vs. Owls: exploring chronotype, glycemic control, and quality of life in pediatric type 1 diabetes**

Oral Presenter: Dilek Bingöl Aydın (Bitlis, Turkey)

O-17 **Modulatory effects of docosahexaenoic acid on dyslipidemia and gut microbiota composition in male rats with sugar-rich diet-induced diabetes**

O-18 **Beta-cell decline in non-autoimmune insulin-deficient diabetes in children and young people in sub-Saharan Africa: prospective one-year follow up study**

O-19 **Nature versus nurture of glucose homeostasis trajectories in children**

Oral Presenter: Isabel Gamache (Montréal, Canada)

O-20 **Cumulative genetic burdens of the leptin-melanocortin pathway in pediatric obesity**

Oral Presenter: Meng-Che Tsai (Tainan, Taiwan, China)

Thursday, 06. November 2025*Posters*

08:00 - 18:00

Posters on Display

ePosters on Display (no oral presentation)*Oral Session*

11:30 - 13:00

Session Hall 3

Oral Session III: Diabetes Care*Chair:* Steven James (Petrie, Australia)*Chair:* Nancy Elbarbary (Cairo, Egypt)O-21 **Examining social capital and other social determinants of health in adolescents living with type 1 diabetes***Oral Presenter:* Desireé N. Williford (Cincinnati, United States)O-22 **Insulin dose-adjusted HbA1c performance varies with BMI in youth with type 1 diabetes: the SEARCH for diabetes in youth study***Oral Presenter:* Michael L Ferm (Houston, United States)O-23 **Establishing inclusive global research: the global collaborative for changing diabetes in children***Oral Presenter:* John T Figi (Boston, United States)O-24 **Association of diabetes transition readiness with glycemic and psychosocial outcomes in emerging adults with type 1 diabetes***Oral Presenter:* Faisal Malik (Seattle, United States)O-25 **Life for a Child (LFAC) - ISPAD mentorship program: bridging global gaps in pediatric and young adult diabetes care***Oral Presenter:* Cecile Eigenmann (Glebe, Australia)O-26 **A short-term low carbohydrate diet improves glycemia in adolescents and young adults with type 1 diabetes: results from a randomized crossover study***Oral Presenter:* Laura M. Nally (New Haven, United States)O-27 **Get READDY at school: collaborating with school nurses for diabetes transition success***Oral Presenter:* Mary Tracy Bekx (Madison, United States)O-28 **Type 1 diabetes (T1D) management in children and adolescents in schools: families' perceptions from a worldwide survey focusing on World Bank Income Classification (WBIC)***Oral Presenter:* Laura Cudizio (São Paulo, Brazil)O-29 **The 2023 national bench-mark report for children and young people with diabetes in Aotearoa, New Zealand: the inaugural report from the KiwiDiab diabetes data network***Oral Presenter:* Martin de Bock (Christchurch, New Zealand)*Poster Session*

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 3: Outcomes and Care Models*Chair:* Tinotenda Dzikiti (Zimbabwe)*Chair:* Catarina Limbert (Lisboa, Portugal)P-111 **Gaps in type 1 diabetes (T1D) transition care in Kenya: the urgent need for structured transition care model***Poster Presenter:* Eric Ogutu (Nairobi, Kenya)P-112 **Time trends in diabetic ketoacidosis and severe hypoglycemia**

during follow-up in 63,126 children and adolescents with type 1 diabetes and potential effect modification by treatment

Poster Presenter: Stefanie Lanzinger (Ulm, Germany)

P-113 **Glycemic outcomes and diabetes management across provinces in Pakistan: a nationwide analysis of children and young adults with type 1 diabetes**

Poster Presenter: Bilal Tahir (Karachi, Pakistan)

P-114 **Health professionals' perspectives on T1D multidisciplinary team in Australia: a mixed-methods study**

*Poster Presenter:*Carolynn L. Smith (Sydney, Australia)

P-115 **Does changing the ketone management threshold increase the risk for DKA? A quality improvement project**

Poster Presenter: Dayna Foster (Philadelphia, United States)

P-116 **Lower HbA1c following older age of transfer from pediatric to adult type 1 diabetes services in Australia: data from the Australasian Diabetes Data Network (ADDN) registry**

Poster Presenter: Steven James (Petrie, Australia)

P-117 **Development and feasibility of an intensive, multidisciplinary clinic to address diabetes nonadherence in high-risk adolescents: a pilot study**

Poster Presenter: Emily Pietrantone (Omaha, United States)

P-118 **Diabetes health care providers' views on implementation of a transition coordinator within their clinic for transition of care between pediatric and adult care services**

Poster Presenter: Daniele Pacaud (Calgary, Canada)

P-119 **Predictors of age at transfer to adult type 1 diabetes care in the Americas: a SWEET study**

Poster Presenter: Joseph Leung (Vancouver, Canada)

P-120 **Utilising a hub-and-spoke model to improve access and outcomes in pediatric type 1 diabetes: experience from the D-Connect Project**

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 2: Epidemiology; Economics and Value Addition/access to care

Chair: Alanna Landry (Markham, Canada)

Chair: Adele Bodieu Chetcha (Yaounde, Cameroon)

P-101 **The cost of living: economics and equity in type 1 diabetes care across Africa**

Poster Presenter: Sheila Wanjuki (Nairobi, Kenya)

P-102 **Equity in access to paediatric diabetes technology: a QI project at the children's hospital for Wales**

Poster Presenter: Shreyaa Parasuram (Cardiff, United Kingdom)

P-103 **From burden to benefit: cost-effectiveness of national type 1 diabetes investment in Kenya**

Poster Presenter: Gladwell Koku Gathecha (Nairobi, Kenya)

P-104 **Comorbidity of type 1 diabetes and ADHD: a longitudinal cohort study in males and females from the Norwegian Childhood Diabetes Registry**

Poster Presenter: Kristin A Bakke (Oslo, Norway)

P-107 **Beyond the Price Tag: exploring the economic barriers and value-based access to diabetes care in low-income communities**

P-108 **Influenza vaccine coverage, adherence patterns and associated factors in children and adolescents with type 1 diabetes: a Danish Register-based Study**

Poster Presenter: Vithiya Karunakaran (Aarhus N, Denmark)

P-110 **Association between latitude, temperature, sunshine hours, and sunshine rate and the incidence of type 1 diabetes: a study in Japan**

Poster Presenter: Hiroshi Yokomichi (Chuo, Japan)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 7: Psychological and Psychosocial Aspects of Diabetes; Screening/disease modification

Chair: Jessica Kichler (Windsor, Canada)

Chair: Naorem Subhashini Devi (Pune, Maharashtra, India)

P-150 **Early detection of type 1 diabetes: experience from a Spanish tertiary care hospital**

Poster Presenter: Maria De Cos Igartua (Madrid, Spain)

P-151 **Study satisfaction among at-risk children followed in the TEDDY study: implications for islet autoantibody screening**

Poster Presenter: Jessica Melin (Malmo, Sweden)

P-152 **Assessing progression from stage 2 to stage 3 T1D in a European population: generalizability of the TN10 trial to a Danish cohort**

Poster Presenter: Flemming Pociot (Copenhagen, Denmark)

P-153 **Islet cell autoimmunity and preclinical phase of type 1 diabetes in general population of 1-9 year old children in north-eastern region of Poland**

P-154 **Screening of first-degree relatives of children with type 1 diabetes: preliminary results**

Poster Presenter: Uğur Cem YILMAZ (Izmir, Turkey)

P-155 **Weight stigma in the pediatric type 1 diabetes population: evaluating patient level factors and diabetes related outcomes**

Poster Presenter: Supraja Rengan (Vancouver, Canada)

P-156 **Perceptions of the T1DAL (Type 1 Diabetes And Life) questionnaire for assessing health-related quality of life in parents of young children with type 1 diabetes: a qualitative study in Norway**

Poster Presenter: Hildegunn Styve Borkamo (Førde, Norway)

P-158 **Impact of family dynamics and dietary behavior on glycemic control in children and adolescents with type 1 diabetes in Tunisia**

Poster Presenter: Nejib Raboudi (Tunis, Tunisia)

P-159 **Evaluate the diabetes distress and emotional well-being in adolescents with T1D enrolled in CDiC - Pakistan**

Poster Presenter: Erum Ghafoor (Karachi, Pakistan)

P-160 **Screening adherence and its impact on diabetic ketoacidosis in pediatric type 1 diabetes: a population-based analysis**

Poster Presenter: Sruthi Thomas (Vancouver, Canada)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Session

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 1: Automated Insulin Delivery, Closed Loop; Telemedicine, Digital Health, Decision Support and AI Applications; General Diabetes Care

Chair: Mariana Zorron (Campinas, Brazil)

Chair: Gregory Forlenza (Aurora, United States)

P-91 **Assessing full-time exercise mode use on automated insulin pumps in children with type 1 diabetes during diabetes camp: a quality improvement initiative**

Poster Presenter: Marwa El Masri (Ottawa, Canada)

P-92 **Improved glycemic control with the MiniMed™ 780G system in Brazilian children with T1D: a real-world analysis of AID in Latin America**

Poster Presenter: Eduardo Calliari (Sao Paulo, Brazil)

P-93 **Hybrid closed-loop use mediates the relationship between social determinants of health and glycemic outcomes in a Canadian pediatric type 1 diabetes clinic**

Poster Presenter: Nacera Hanzal (Ottawa, Canada)

P-94 **Unequal access, unequal outcomes: time to Automated Insulin Deliver (AID) initiation in youth with T1D**

Poster Presenter: Jody Grundman (Washington, United States)

P-96 **Cycle-aware diabetes management: integrating hormonal trends, ADHD symptoms, and glycemic data using wearable technology and AI**

P-97 **90% time in automated mode is necessary but not sufficient to attain glycemic targets with the Omnipod 5**

Poster Presenter: Nicole Alicea-Trelles (Philadelphia, United States)

P-98 **Co-designing the SHARE pathway: shared decision making and readiness in Hybrid Closed Loop systems**

Poster Presenter: Alice Williams (Southampton, United Kingdom)

P-100 **The use of the Adherence to Refills and Medications Scale (ARMS) to evaluate medication adherence in diabetic patients in Kuwait**

Poster Presenter: Amina Alqassar (Kuwait, Kuwait)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 4: Novel Advances and Interventions; Diabetes in Developing Countries and Migrant Populations

Chair: Meranda Nakhla (Canada)

Chair: Graham Ogle (Sydney, Australia)

P-122 **Research on improving diagnosis and treatment capacity for T1D in Chinese children: based on practice of China•Changing Diabetes in Children (CDIC)**

Poster Presenter: Zhaofang Zhu (Beijing, China)

P-123 **Novel Pharmacokinetic (PK) assay for measuring SAB-142, a fully human anti-thymocyte globulin**

Poster Presenter: Evan Gardner (Sioux Falls, United States)

P-124 **Impact of blood glucose control on motor symptoms in adolescents with dystonia and type 1 diabetes mellitus**

Poster Presenter: Vikas Sharma (Agra, India)

P-125 **Development and validation of the Indian Type 1 Diabetes Quality of Life Scale (IT1D-QoLS)**

Poster Presenter: Amrit Kaur (Nashik, India)

- P-126 **Enhancing diabetes management through analysing HbA1c trajectories in T1DM patients using flexible trend estimation technique**
Poster Presenter: Ronald Wesonga (Muscat, Oman)
- P-127 **Clinical characteristics of newly diagnosed children and adolescents with other specific diabetes: a single-center study**
- P-128 **Impact of COVID-19 pandemic on the incidence and severity of new-onset type 1 and type 2 diabetes in pediatric populations: a retrospective analysis**

Poster Presenter: Bedowra Zabeen (Dhaka, Bangladesh)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 5: Diabetes Education

Chair: Jamie Wood (Cleveland, United States)

Chair: Nancy Elbarbary (Cairo, Egypt)

- P-130 **A century of insulin, yet miles to go: the unfinished journey toward proper injection practices and technique**

Poster Presenter: Anjana Barola (Pune, India)

- P-132 **Beliefs around hypoglycemia and their impacts on hypoglycemia outcomes in individuals with type 1 diabetes (adults and adolescents) and high risks for hypoglycemia despite using advanced diabetes technologies at the time of the discovery of diabetes**

Poster Presenter: Hela Marmouch (Monastir, Tunisia)

- P-133 **Comparison of HbA1c levels at 1 year post diagnosis in paediatric & adolescent patients with T1DM who carbohydrate counted from onset of diabetes (initiated during inpatient stay) vs those who learned to carbohydrate count as an outpatient**

Poster Presenter: Frances Fitzpatrick (Galway, Ireland)

- P-134 **Enhancing diabetes transition of care: Building Up Independent Lives for Teens (BUILT) program's impact on young adults**

Poster Presenter: Jennifer Pfieffer (Jacksonville, United States)

- P-135 **Understanding pediatric diabetes providers perspectives on interprofessional collaboration: a province-wide assessment in British Columbia, Canada**

Poster Presenter: Carolina Silva (Vancouver, Canada)

- P-136 **Understanding patient experience through routine diabetes clinic visits at DMI centre among the teens**

- P-137 **Self-identified areas of interest for pediatric patients with type 1 diabetes prior to adult transition**

Poster Presenter: Erin Cobry (Aurora, United States)

- P-138 **Understanding education needs of youth with type 1 diabetes (T1D) and their carers in the Philippines: a foundation for tailored health programming**

Poster Presenter: Ivy Nolasco (Quezon City, Philippines)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 6: Ethics of Care; Diabetes-Associated Diseases

Chair: Sabine Hofer (Innsbruck, Austria)

Chair: Regina Duperval (Montreal, Canada)

- P-140 **Easy read, translated diabetes technology guides for children and**

young people (CYP) with diabetes from ethnic minority groups: a response to National Paediatric Diabetes Audit (NPDA) outcomes, and the challenges faced by CYP diabetes healthcare teams who support diverse communities in England, UK

Poster Presenter: Jenny Foster (Leeds, United Kingdom)

P-141 **Prevalence and transience of anti-parietal cell antibodies in a cohort of 728 newly diagnosed type 1 diabetes patients**

P-142 **Disability and diabetes in childhood: risk factors and clinical insight in Bangladesh**

Poster Presenter: Mitu Rani Das (Bunkyo, Japan)

P-143 **A girl with hyperglycemia, severe hypertriglyceridemia, and primary amenorrhea**

P-144 **Allergic contact dermatitis in diabetic patients: a complication linked to medical device exposure**

Poster Presenter: Andrea Rigamonti (Milano, Italy)

P-145 **Different phenotype and comorbidities in patients with Wolcott Rallison syndrome in Kosova**

Poster Presenter: Vjosa Mulliqi Kotori (Prishtina, Kosovo)

P-147 **Prevalence of autoimmune diseases in type 1 diabetic patients in the Eastern region of the country**

P-148 **Unraveling a unique triad: Loeys-Dietz Syndrome, CD3G deficiency, and autoimmune polyendocrine syndrome type 4 in a child**

Poster Presenter: Fikir Messeret Adinew (Addis Ababa, Ethiopia)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 8: Outcomes and Care Models; Childhood Obesity and Type 2 Diabetes; Chronic Complications; Monogenic and other forms of Diabetes

Chair: Daniel Cheriňavsky (United States)

Chair: Tao Yang (China)

P-161 **Repurposing tirzepatide: a novel disease-modifying approach for Wolfram syndrome**

Poster Presenter: Martina Matarazzo (Milan, Italy)

P-162 **GLP-1 receptor agonist liraglutide in Wolfram syndrome type 1: effects on endogenous insulin secretion**

Poster Presenter: Martina Matarazzo (Milan, Italy)

P-163 **Unmasking H syndrome in a child with atypical diabetes**

P-164 **Prevalence of monogenic diabetes in children and adolescents in an admixed population in Brazil**

Poster Presenter: Raquel Biasi (São Paulo, Brazil)

P-165 **Are sulfonylureas as effective as insulin in treating relapsed 6q24-related diabetes?**

Poster Presenter: Pablo Cid Galache (Granada, Spain)

P-166 **Lessons from an early type 1 diabetes clinic in the UK**

Poster Presenter: Theodora Papanikolaou (Birmingham, United Kingdom)

P-168 **Adapting sulfonylurea transition with fractionated glibenclamide dosing in KCNJ11 neonatal diabetes: report of two cases**

Poster Presenter: Consuelo Barcala (Caba, Argentina)

P-169 **Trends in prevalence of overweight and obesity among youth-onset diabetes at a tertiary care diabetes centre in India**

Poster Presenter: Amutha Anandakumar (Chennai, India)

P-170 **Vitamin B12, vitamin D, and iron supplementation in youth with type 1 diabetes: a randomised controlled trial evaluating nerve conduction**

P-64 **Assessment of small nerve fiber diabetic neuropathy in children and adolescents with type 1 diabetes (T1DM) and healthy peers**

Poster Presenter: Kyriaki Karavanaki (Athens, Greece)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 9: Psychological and Psychosocial aspects of Diabetes

Chair: Farid Mahmud (Toronto, Canada)

Chair: Jill Weissberg-Benchell (Chicago, United States)

P-171 **Stigma in adolescents with type 1 diabetes: a grounded theory study**

P-172 **Childhood diabetes and mental health in two Nordic countries**

Poster Presenter: Karin Akesson (Linköping, Sweden)

P-173 **Nocturnal caregiving practice among caregiver parents of juveniles with type 1 diabetes; prevalence, impacts and predictors**

Poster Presenter: Vincent McDarby (Dublin, Ireland)

P-174 **Does your address matter? Associations of multiple deprivation dimensions with psychiatric disorders and psychosocial health in adolescents with type 1 diabetes before transfer to adult care**

Poster Presenter: Ferial Rahmani (Montreal, Canada)

P-176 **Positive psychological constructs are associated with subjective and objective self-management behaviors in adolescents with type 1 diabetes (T1D) and diabetes distress**

Poster Presenter: Molly Ream (Boston, United States)

P-177 **Confirmatory factor analysis of the parent and child problem areas in diabetes measures**

Poster Presenter: Alexandra Monzon (Orlando, United States)

P-178 **Association between perceived psychological stress and eating disorders in adolescent and young adults with type 1 diabetes**

P-179 **Association of self-reported race and ethnicity with transition readiness in adolescents with type 1 diabetes**

Poster Presenter: Stephanie Lenet (Montreal, Canada)

P-180 **Virtual Peer Groups (VPG) for Latinx families with type 1 diabetes (T1D): engaging those with greatest need and highest burden**

Poster Presenter: Jaquelin Flores Garcia (Los Angeles, United States)

Oral Session

16:30 - 18:00

Workshop room

Oral Session IV: Technology in Diabetes

Chair: Roque Cardona-Hernandez (Barcelona, Spain)

Chair: Stefano Passanisi (Messina, Italy)

O-31 **ROCKET T1D: launching glycemic outcomes through remote patient monitoring and proactive care**

Oral Presenter: Daniel DeSalvo (Houston, United States)

O-32 **The CGM results do not always match with the classical glucose metabolism criteria in HLA-susceptible individuals monitored in the Finnish DIPP study**

Oral Presenter: Rosanna Squintani (Oulu, Finland)

- O-33 **Better sleep, better control? Exploring sleep patterns and glycemia in children and adolescents using AID systems versus regular pumps**

Oral Presenter: Cecilie Paulsrud (Herlev, Denmark)

- O-34 **Proposal of adjusted HbA1c (aA1c) reflecting individual glycation variability using the GA/HbA1c ratio**

Oral Presenter: Mie Mochizuki (Chuo, Japan)

- O-35 **AID system for the newly diagnosed patients with type 1 diabetes: outcomes in preschoolers after two years of treatment**

Oral Presenter: Anna-Kaisa Tuomaala (Helsinki, Finland)

- O-36 **Personalized, adaptive recommendations for meal/snack macronutrient composition and timing to optimize near-term percent time in range among adolescents with type 1 diabetes: a proof-of-concept**

Oral Presenter: Angelica Cristello Sarreau (Chapel Hill, United States)

- O-37 **Cost-effectiveness of AID systems for young pediatrics and youth with T1D: an analysis across Canada, Australia, the UK, and the USA**

Oral Presenter: Laurent Legault (Montreal, Canada)

- O-38 **Optimizing digital monitoring of blood glucose in children with type 1 diabetes: integration of a digital diabetes diary application within Indonesia's National Health Information System**

Oral Presenter: Agustini Utari (Jakarta, Indonesia)

- O-39 **Open-label parallel-group explanatory randomized clinical trial for the evaluation of real-time continuous glucose monitoring (CGM) compared to standard of care for glycemic control in youth-onset type 2 diabetes (YO-T2D): a protocol**

Oral Presenter: Gonzalo Dominguez-Menendez (Vancouver, Canada)

- O-40 **The Swedish T1D education: digital success story**

Oral Presenter: Elin Cederbrant (Växjö, Sweden)

- O-61 **Advanced hybrid closed-loop system use on days without user-initiated boluses, in children aged ≤ 15 years**

Oral Presenter: Jennifer McVean (Northridge, United States)

Friday, 07. November 2025*Posters*

08:00 - 18:00

Posters on Display

ePosters on Display (no oral presentation)*Oral Session*

11:30 - 13:00

Session Hall 3

Oral Session V: Treatment in diabetes*Chair:* Steven James (Petrie, Australia)*Chair:* Guy Todd Alonso (Aurora, United States)

- O-41 **Vildagliptin exerts hepatoprotective effects on non-alcoholic steatohepatitis and improves glycemia in adolescents with type 1 diabetes mellitus: a randomized controlled trial**

Oral Presenter: Nancy Elbarbary (Cairo, Egypt)

- O-42 **Profiling the binding specificities of SAB-142, a fully human anti-thymocyte globulin, against T cell surface proteins**

Oral Presenter: Diane M. Maher (Sioux Falls, United States)

- O-43 **Immunomodulation without sustained lymphodepletion: SAB-142, a fully human anti-thymocyte globulin**

Oral Presenter: Stan Stoyanov (Sioux Falls, United States)

- O-44 **Mechanism of action of a fully human anti-thymocyte globulin, SAB-142, for the treatment of type 1 diabetes**

Oral Presenter: Christoph Bausch (Sioux Falls, United States)

- O-45 **Wolfram syndrome and diabetes mellitus in Aotearoa-New Zealand (NZ): phenotype and response to GLP-1 receptor agonist therapy**

Oral Presenter: Esko Wiltshire (Wellington, New Zealand)

- O-46 **A pivotal, international, randomised, double-blind, efficacy and safety trial of sodium valproate in paediatric and adult patients with Wolfram syndrome**

Oral Presenter: Timothy Barrett (Birmingham, United Kingdom)

- O-47 **Beyond insulin: evaluating sitagliptin for early diabetic nephropathy in type 1 diabetes on advanced closed-loop therapy**

Oral Presenter: Nancy Elbarbary (Cairo, Egypt)

- O-48 **Insulin response to oral and intravenous glucose is robust but blunted in sulfonylurea-treated KATP-related monogenic diabetes and depends on GLP-1 action**

Oral Presenter: Siri Atma W. Greeley (United States)

- O-49 **Comparison of glycemic outcomes following a non-administered premeal bolus between three AID systems**

Oral Presenter: Alzbeta Santova (Prague, Czech Republic)*Poster Session*

15:15 - 16:15

Exhibition and Poster Area

Poster Session*Poster Session*

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 9: Screening/disease modification*Chair:* Linda Anne DiMeglio (Indianapolis, United States)*Chair:* Fanny Iafrate Luterbacher (Canada)

- P-261 **A CGM model accurately identifies individuals at high risk of progression to stage 3 type 1 diabetes**
 Poster Presenter: Andrea Steck (Aurora, United States)
- P-262 **Parental anxiety after information of genetic risk of type 1 diabetes and development of islet autoimmunity in prospective follow-up - the POInT study**
 Poster Presenter: Jessica Melin (Malmo, Sweden)
- P-263 **Polish population of first-degree relatives of people living with type 1 diabetes (T1D) based on the INNODIA screening for early stage T1D Program (2015-2023; EU115797)**
 Poster Presenter: Magdalena Małachowska (Warsaw, Poland)
- P-264 **Development of a core outcome set for evaluating type 1 diabetes risk screening**
 Poster Presenter: Celine Chen (Toronto, Canada)
- P-265 **Caregivers' opinions on type 1 diabetes (T1D) autoantibody screening and delay with teplizumab**
 Poster Presenter: Rachel Longendyke (Washington, United States)
- P-266 **Associations between islet autoantibodies and A1c after diagnosis of type 1 diabetes**
 Poster Presenter: Tari Kurman (Aurora, United States)
- P-267 **Type 1 diabetes screening in at-risk youth: preliminary results and psychological implications from an Italian cohort**
 Poster Presenter: Eleonora Chiarle (Novara, Italy)
- P-268 **Evaluation of an early-stage type 1 diabetes Extension for Community Healthcare Outcomes (ECHO) program for primary care providers**
 Poster Presenter: R. Paul Wadwa (Aurora, United States)

Poster Session
 15:15 - 16:15

Exhibition and Poster Area

Poster Corner 1: Diabetes at School; Economics and Value Addition/Access to Care

Chair: Daniel Ch�rňavsky (United States)
 Chair: Eduardo Calliari (Sao Paulo, Brazil)

- P-181 **Impact of global inequities in diabetes technology and insulin access on glycemic outcomes: data from 81 SWEET centers**
 Poster Presenter: Zdenek Sumnik (Prague, Czech Republic)
- P-182 **Coordinating care between type 1 diabetes (T1D) centers and schools: current practices and opportunities from the T1D Exchange Quality Improvement Collaborative (T1DX-QI)**
 Poster Presenter: Christine March (Pittsburgh, United States)
- P-183 **Social Determinants of Health (SDOH) and Demographic Disparities in Diabetic Ketoacidosis (DKA) Presentation at Type 1 Diabetes (T1D) Diagnosis**
 Poster Presenter: Sarah Lydia Holly (Washington, United States)
- P-184 **A population-level study of developmental outcomes in children with and without type 1 diabetes in British Columbia, Canada**
 Poster Presenter: Dorsa Arman (Kelowna, Canada)
- P-185 **Willingness to pay for a virtual, family-based behavioral intervention targeting health-related quality of life**
 Poster Presenter: Colleen Macke (Houston, United States)
- P-186 **Development of digital school healthcare plans to provide safe, standardised care at school for all children and young people with**

diabetes in England, UK. A collaborative and innovative approach to diabetes care in schools

Poster Presenter: Jenny Foster (Leeds, United Kingdom)

P-187 Gross Domestic Product (GDP) is associated with diabetes care and outcome in T1D <10 years of age: results from the SWEET initiative

Poster Presenter: Regina Duperval (Montreal, Canada)

P-188 Implementing and evaluating an intervention to recognize signs of diabetes in children at school

Poster Presenter: Rayzel Shulman (Toronto, Canada)

P-189 Initiative for Diabetes Education and Awareness for Schools (IDEAS): trying to effectively reach school staff for better diabetes care in schools in India: a lower-middle-income country (LMIC)

Poster Presenter: Anju Virmani (New Delhi, India)

P-190 School partnered collaborative care for type 1 diabetes (SPACE for T1D): a pilot feasibility trial

Poster Presenter: Christine March (Pittsburgh, United States)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 2: New insulins; Adjunctive Therapies; Other Pharmacologic Agents; Novel Advances and Interventions

Chair: Jenny Couper (Adelaide, Australia)

Chair: Sundus Aziz (Montreal, Canada)

P-191 Safety profile of SAB-142: a fully human anti-thymocyte globulin

Poster Presenter: Stan Stoyanov (Sioux Falls, United States)

P-192 Modeling to assess impact of liquid, stable glucagon for mini-dosing in pediatrics: a simulated Pharmacokinetic (PK) and Pharmacodynamic (PD) study

Poster Presenter: Laura M. Nally (New Haven, United States)

P-193 The antigen-specific immunotherapy rhGAD65 delays progression of stage 3 T1D in individual with HLA DR3-DQ2 - survival analysis of combined data from three randomized controlled trials**P-195 Ketone monitoring alongside sodium glucose co-transporter 2 inhibitor use in youth with type 1 diabetes: insights from the ATTEMPT trial**

Poster Presenter: Aliya Allahwala (Toronto, Canada)

P-196 Probiotic supplementation enhances gut microbial profile and glycemic regulation among children with new-onset type 1 diabetes

Poster Presenter: Rakesh Kumar (Chandigarh, India)

P-197 Effect of zinc supplementation on glycemic control in children with type 1 diabetes mellitus (T1DM): a randomized, double-blind controlled trial

Poster Presenter: C G Delhikumar (Puducherry, India)

P-199 Effects of transition from basal insulin glargine 100 U/mL to 300 U/mL on glycemic control in children and adolescents with type 1 diabetes - real-world data

Poster Presenter: Damla Goksen (Izmir, Turkey)

P-17 Off-label hybrid closed-loop insulin pump therapy with diluted insulin in very young children with type 1 diabetes: a case series

Poster Presenter: Constance De Schaetzen (Ottawa, Canada)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 3: Diabetes Education; Acute Complications

Chair: Didem Gunes Kaya (Istanbul, Turkey)

Chair: Ragnar Hanas (Uddevalla, Sweden)

P-201 **Age- and sex-specific mortality in people with type 1 diabetes in the Cameroon Changing Diabetes in Children (CDiC) clinics**

Poster Presenter: Camille M. Mba (Yaounde, Cameroon)

P-202 **Ketoacidosis at childhood type 1 diabetes onset negatively affects residual beta-cell functions during the first year after diagnosis**

Poster Presenter: Elzbieta Niechcial (Poznań, Poland)

P-203 **A Quality Improvement (QI) innovation to improve the early diagnosis of type 1 diabetes (T1D) in Children and Young People (CYP) in Wales: has it made an impact?**

Poster Presenter: Ambika Shetty (Cardiff, United Kingdom)

P-204 **Short and long-term effects of DKA at diabetes onset on disease progression and health care utilization trajectories in children and adolescents diagnosed with type 1 diabetes. Analysis of real-world data of the diabetes patient registry in Germany**

Poster Presenter: Katharina Schoder (Munich, Germany)

P-205 **The impact of the kids in control of food (KICK OFF) structured educational program on the quality of life in children with type 1 diabetes**

Poster Presenter: Durra Alsumaiti (Kuwait, Kuwait)

P-206 **Analysis of learner responses to free, globally accessible CME-certified e-learning content in paediatric diabetes**

Poster Presenter: Sze May Ng (Ormskirk, United Kingdom)

P-207 **Parental diabetes knowledge and glycemic control in children and adolescents with type 1 diabetes**

Poster Presenter: Riina Pironetti (Tampere, Finland)

P-208 **Comics and serious gaming for pediatric type 1 diabetes - the creation of the Onboarding Platform for the Education of New patients with Diabetes (OPEN-D)**

Poster Presenter: Flavia Voiculescu (Montreal, Canada)

P-209 **Implementation in pediatric clinical practice of the Support-t type 1 diabetes training platform: barriers, facilitators and intended use**

Poster Presenter: Amélie Roy-Fleming (Montreal, Canada)

P-210 **Novel biomarkers in pediatric diabetic ketoacidosis: the role of albumin-based parameters**

Poster Presenter: Murat Çağlar Karataş (Izmir, Turkey)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 4: Childhood Obesity and Type 2 Diabetes

Chair: Solène Rérat (Canada)

Chair: Silva Arslanian (Pittsburgh, United States)

P-211 **Benchmarking non-insulin medication use and HbA1c outcomes across pediatric type 2 diabetes centers**

Poster Presenter: Elizabeth A. Mann (Madison, United States)

P-212 **Higher static phase insulin secretory rate compensates for lower insulin sensitivity in South Asian youth: the Charisma study**

Poster Presenter: Talia Hitt (Baltimore, United States)

- P-213 **Utility of Triglyceride-Glucose Index as a marker of insulin resistance and the associated cardio-metabolic comorbidities among Indian adolescents**
Poster Presenter: Meghana Narasimhegowda (Bengaluru, India)
- P-214 **Higher odds of microvascular complications in T2D vs T1D, even after adjusting for HbA1c and BMI: evidence from the National Paediatric Diabetes Audit (NPDA) for England and Wales**
Poster Presenter: Saira Pons Perez (London, United Kingdom)
- P-215 **A medically supportive food delivery intervention for children with prediabetes or type 2 diabetes and food insecurity: six month follow-up results**
Poster Presenter: Shideh Majidi (Washington, DC, United States)
- P-216 **The SPISE Index for predicting non-alcoholic fatty liver disease in adolescents: a simple and reliable approach**
Poster Presenter: Mert Uçar (Istanbul, Turkey)
- P-217 **Physical activity in youth with prediabetes or type 2 diabetes: leveraging extrinsic motivation without diminishing intrinsic motivation**
Poster Presenter: Mary Ellen Vajravelu (Pittsburgh, United States)
- P-218 **Qualitative insights from youth with type 2 diabetes, parents, and pediatric diabetes providers to inform depression intervention adaptation**
Poster Presenter: Lauren D. Gulley (Aurora, United States)
- P-219 **Semaglutide -GLP 1 receptor agonist as an adjunct therapy to biopsychosocial care model for effective management of severe obesity and its complications in children and young persons (CYP) - is it safe and effective therapy?**
Poster Presenter: Alok Gupta (Dartford, United Kingdom)
- P-220 **Baseline statin use in youth with type 2 diabetes: T1D exchange QI collaborative pediatric T2D registry data**
Poster Presenter: Puja Singh (La Jolla, United States)

Poster Session
15:15 - 16:15

Exhibition and Poster Area

Poster Corner 5: Diabetes in Developing Countries and Migrant Populations

Chair: Tamara Whorms-Riley (United Kingdom)

Chair: Marie Edelyne St Jacques (Montreal, Canada)

- P-221 **Characteristics and outcomes of patients aged 0-25 years admitted in DKA at Kajiado County Referral Hospital, Kenya**
Poster Presenter: Phoebe Wamalwa (Nairobi, Kenya)
- P-222 **Access restricted, rationing prevalent: conclusions from T1International's Out Of Pocket Expense Survey of people living with type 1 diabetes globally 2024**
Poster Presenter: Campbell Mitchell (St Louis Park, United States)
- P-223 **Barriers to access to services for non-communicable diseases among children, adolescents, and young people with type 1 diabetes in Mozambique: a qualitative analysis using the COM-B framework**
Poster Presenter: Laura Nollino (Treviso, Italy)
- P-224 **Real-time insulin dose adjustment as an alternative to automated insulin delivery in low- and middle-income countries: a case-based approach**
Poster Presenter: Riwa Kahale (Amman, Jordan)

P-225 **Cost-effectiveness of insulin glargine compared with human insulin for youth with type 1 diabetes in Tanzania and Bangladesh**

Poster Presenter: Margaret Lippitt Prust (Boston, United States)

P-226 **Impact of Ramadan fasting in obese and overweight adolescents and young adults on BMI and metabolic criteria: key findings with percent improvements (2000-2024)**

P-227 **Develop an integrated model for decentralized management of type 1 diabetes (T1D) care at primary health care levels in Rwanda**

P-228 **Comparison of glycemic variability between young individuals with type 1 and type 2 diabetes**

Poster Presenter: Ajmina Hasan Flabe (Dhaka, Bangladesh)

P-229 **Global research inequity in type 1 diabetes: a scoping bibliometric analysis by country income**

Poster Presenter: Tinotenda Dziki (Zimbabwe)

P-230 **Multi-ethnic Analysis of biomarker-Defined type 1 Diabetes in the Young (MADDY) study in sub-Saharan Africa**

Poster Presenter: Jean Claude Katte (Exeter, United Kingdom)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 6: Monogenic and other forms of Diabetes

Chair: Catarina Limbert (Lisboa, Portugal)

Chair: Asma Deeb (Abu Dhabi, United Arab Emirates)

P-231 **Diminished myelopoiesis and trained immunity of monocyte-macrophage system in maturity-onset diabetes of the young type 2 (MODY2) compared to type 2 diabetes (T2D)**

P-232 **Dapagliflozin use in an infant with Donohue syndrome: first report of off-label therapy in early life**

P-233 **An agnostic search for monogenic etiology among children, teens, and young adults diagnosed with type 1 diabetes**

Poster Presenter: Natalija Popovic (Montréal, Canada)

P-234 **Diabetes associated with childhood lipodystrophies: clinical characteristics and management**

Poster Presenter: Uğur Cem YILMAZ (Izmir, Turkey)

P-235 **Childhood course of a patient with a heterozygous insulin-receptor variant**

Poster Presenter: Yoko Yokoyama (Nishinomiya, Hyogo, Japan)

P-236 **Monogenic autoimmunity and type 1 diabetes; a novel mutation in TNFAIP3 in a patient with haploinsufficiency A20**

P-237 **Dapagliflozin impact on glycemic control and cardiovascular risk in children with INSR gene mutation**

Poster Presenter: Caroline Gouveia Buff Passone (São Paulo, Brazil)

P-238 **Digenic diabetes in a young girl: accelerated beta cell failure in MODY 3 (HNF1A) due to coincidental heterozygous EIF2AK3 mutation**

Poster Presenter: Sapna Manjunath (Bangalore, India)

P-239 **Successful treatment of HNF1A-associated diabetes in a boy using sitagliptin monotherapy**

Poster Presenter: Misako Okuno (Nishinomiya, Hyogo, Japan)

P-240 **Investigation of cut-off values for blood glucose, serum insulin, and**

C-peptide at diagnosis to differentiate between transient neonatal hyperglycemia and neonatal diabetes mellitus

Poster Presenter: Shigeru Suzuki (Asahikawa, Japan)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 7: Psychological and Psychosocial aspects of Diabetes

Chair: Jill Weissberg-Benchell (Chicago, United States)

Chair: Jessica Kichler (Windsor, Canada)

P-241 **Perspectives of parents/caregivers prior to a pilot intervention trial to improve transition to adult care for adolescents with type 1 diabetes: a qualitative study**

Poster Presenter: Krista Lucier (Windsor, Canada)

P-242 **Impact of type 1 diabetes mellitus on education, psychosocial well-being, and quality of life across socioeconomic strata in children and adolescents: a cross-sectional study from a tertiary care center in South India**

P-243 **The association between stressful life events, social determinants of health, and healthcare utilization in pediatric type 1 diabetes**

Poster Presenter: Sara E. Wetter (Cincinnati, United States)

P-245 **The association of glycemic control with behavioral problems in children and adolescents with type 1 diabetes: insights from the Strengths and Difficulties Questionnaire**

P-246 **Psychological impacts of closed-loop systems in adolescents with type 1 diabetes: insights from the DBL4 TEENS PSY study**

Poster Presenter: Jacques Beltrand (Paris, France)

P-247 **The mediating role of illness perception in the relationship between depression and treatment adherence in adolescents with type 1 diabetes**

P-248 **Screening for sleep disruptions: demographic and environmental factors associated with sleep concerns in adolescents with type 1 diabetes (T1D)**

Poster Presenter: Erin Cobry (Aurora, United States)

P-249 **Enhancing child participation in diabetes care: qualitative findings from a play-based communication intervention**

Poster Presenter: Patricia DeCosta (Copenhagen, Denmark)

P-250 **Associations of diabetes stigma and diabetes distress with Body Mass Index among older adolescents with type 1 diabetes**

Poster Presenter: Claire Grall-Johnson (Montreal, Canada)

Poster Session

15:15 - 16:15

Exhibition and Poster Area

Poster Corner 8: Lifestyle, Nutrition and Exercise; Genetics, Immunology and the Environment; Psychological and Psychosocial aspects of Diabetes

Chair: Steven James (Petrie, Australia)

Chair: Laura Cudizio (São Paulo, Brazil)

P-251 **Next-generation sequencing (NGS) based distribution of human leukocyte antigen in Type 1 diabetes patients and their non-diabetic siblings in South India**

P-252 **"Activity with a side of insulin": exploring physical activity behaviours of children with type 1 diabetes**

Poster Presenter: Simran Gill (Vancouver, Canada)

- P-253 **Exploring eating related drivers of hemoglobin A1c (HbA1c) among adolescents with type 1 diabetes (T1D): the Type 1 Diabetes Exercise Initiative Pediatric (T1DEXIP) study**
 Poster Presenter: Erin Tallon (Kansas City, United States)
- P-254 **Assessment of the completeness of mobile food log data among free-living adolescents with type 1 diabetes (T1D): the Type 1 Diabetes Exercise Initiative Pediatric (T1DEXIP) study**
 Poster Presenter: Angelica Cristello Sarteau (Chapel Hill, United States)
- P-256 **Enrolling young adults into a transition to adult care intervention trial: challenges and lessons learned**
 Poster Presenter: Jessica Pierce (Orlando, United States)
- P-257 **Inequalities in children and young people with poor glycaemic control (HbA1c >75 mmol/mol (9.0%)) - findings from the National Paediatric Diabetes Audit (NPDA) for England and Wales**
 Poster Presenter: Amani Krayem (London, United Kingdom)
- P-258 **The psychological burden in children with MODY-GCK before and after genetic confirmation of the diagnosis**
 Poster Presenter: Anita Spehar Uroic (Zagreb, Croatia)
- P-259 **Healthcare providers perspectives on mental health screening in a pediatric diabetes clinic using digital technology**
 Poster Presenter: Sukhpreet Tamana (Vancouver, Canada)
- P-260 **Type 1 diabetes, obesity, and mental health in youth**
 Poster Presenter: Mary Katherine Ray (St. Louis, United States)

Oral Session
 16:30 - 18:00

Session Hall 3

Oral Session VI: Diabetes Complications and associated diseases

Chair: Laya Ekhlaspour (San Francisco, United States)

Chair: Maria Craig (Australia)

- O-51 **Ocular complications in pediatric type 1 diabetes: spectrum of early metabolic cataract, retinopathy and glaucoma**
 Oral Presenter: Fikir Messeret Adinew (Addis Ababa, Ethiopia)
- O-52 **Sepsis-associated AKI in pediatric type I diabetes according to bacterial, viral, and culture-negative endotypes - NO EPOSTER AVAILABLE**
 Oral Presenter: Megan Gremillion (Shreveport, United States)
- O-53 **Successful nationwide expansion of the local Stuttgart Ketoacidosis Prevention Campaign in Germany - which parameters are important for awareness campaigns?**
 Oral Presenter: Martin Holder (Stuttgart, Germany)
- O-54 **Relationship of liver fat with atherogenic lipid profile in youth of South Asian, White, and African American Ancestry: The CHARISMA Study**
 Oral Presenter: Sheela Magge (Baltimore, United States)
- O-55 **A high-risk pathway for youth at risk for diabetic ketoacidosis**
 Oral Presenter: Elizabeth McGettrick (Peoria, United States)
- O-56 **Initial observations on the frequency of diabetic ketoacidosis following pilot implementation of screening for type 1 diabetes in the general Italian population**
 Oral Presenter: Valentino Cherubini (Ancona, Italy)
- O-57 **Longitudinal evaluation of glomerular filtration rate across adolescence and early adulthood in youth with type 1 diabetes:**

associations with clinical and social risk factors

Oral Presenter: Antoine Clarke (Toronto, Canada)

O-58 **Development and validation of an illustrated booklet on hyperglycemia and prevention of ketoacidosis to educate Brazilian children with type 1 diabetes and their parents**

Oral Presenter: Valéria Cássia Sparapani (Florianopolis, Brazil)

O-59 **Using group-based trajectory modeling to uncover longitudinal DKA risk patterns in pediatric T1D**

Oral Presenter: Sarah Lyons (Houston, United States)

O-60 **Increased frequency of hypoglycemic events may contribute to elevated fracture incidence in young individuals with type 1 diabetes**

Oral Presenter: Ellen Åkesson (Gothenburg, Sweden)

Saturday, 08. November 2025

Posters

08:00 - 14:00

ePosters on Display (no oral presentation)

Posters on Display