The 7th ASPED-ISPAD Diabetes Academy Report
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The 7th ASPED-ISPAD Diabetes Academy is an initiative by the Arab Society of Pediatric Endocrinology (ASPED) in collaboration with International Society of Pediatric and Adolescence Diabetes (ISPAD) and is exclusively sponsored by Abbott, Gulf, and UAE. The 7th ASPED/ISPAD Diabetes academy was held on 5-7 November 2023, Sheikh Shakhbout Medical City and Radisson Blu Yas Island - Abu Dhabi - United Arab Emirates. The diabetes academy scientific committee from ISPAD included Prof. Carine De Beaufort (ISPAD former president) and ASPED committee included Prof. Asma Deeb (ASPED President) and Prof. Nancy Elbarbary (Chair of diabetes research and diabetes guidelines committee of ASPED).

The academy targets young healthcare professionals in the field of pediatric endocrinology and diabetes with a primary focus on actively supporting training and education in the region. An expert faculty panel from both ISPAD and ASPED from 16 different countries selected candidates following a competitive enrolment process, announced on each organization’s respective websites. This year 54 candidates were accepted (out of 89 applicants) from 20 countries.

The curriculum is delivered in three main formats: plenary, workshop and interactive sessions. The plenary sessions covered delaying the development of type 1 diabetes and screening of type 1 diabetes. This is together with novel therapeutic approaches and use of artificial intelligence in diabetes as well as technology in diabetes management as artificial pancreas advanced hybrid closed loop (AHCL), diabetes emergencies and controversy in DKA management, microvascular complications of diabetes, monogenic and rare types of diabetes, psychology case presentations and interactive discussion, nutrition interactive session, technology case presentation on CGM and pump therapy, obesity and type 2 diabetes in children as well as and developing a research program in diabetes and tips on good diabetes research.

Moreover, in groups workshops, the focus was on research methodology, clinical cases, psychology and technology within smaller groups, which provided a forum for candidates to present either a diabetes research project or unique presentation of a clinical case. Winners selected by the steering committee members presented in the final plenary session. These intensive 2 and half days course has consistently aimed and successfully provided a concrete educational platform for seamless exchange of clinical and scientific information. Fifty-four delegates from 16 countries participated in this 2 and half-day program that aims to increase diabetes skills and knowledge from diabetes care in the principles of diabetes research methodology in ASPED region.

ISPAD speakers presented different lectures in plenary sessions as well as moderating the small group workshops session.
ISPAD faculty presenters:
Well-rounded curriculum (reviewed and enhanced by ISPAD education committee) to include comprehensive diabetes care for children, including:

- Delaying the development of T1DM
- Management of antibody-positive stage 2 T1DM
- Updates on stem cell transplant
- Time in Tight Range (TITR) target with Hybrid closed loop
- Update on the artificial pancreas Hybrid closed loop and interpretation of CGM data
- Artificial intelligence use in diabetes
- Software use in diabetes management
- CGM real world data in ASPED regional experience
- DKA Guidelines; updates and controversy
- Microvascular complications of diabetes and its relation to time in range
- Screening for type 1 diabetes
- Obesity & type 2 diabetes treatment including pharmacotherapy, surgery and digital management of childhood obesity
- Psychology in Paediatric Diabetes
- Monogenic diabetes; an update on Diagnosis and management
- Developing a Research Program in Diabetes and tips on good diabetes research
- Technology case presentation on CGM & pump therapy
- Interactive session on nutrition management of diabetes
- Heavy emphasis on ISPAD guidelines and standardization of treatment by faculty and participants including 2022 guidelines.
- High audience engagement with faculty, interesting topics in different diabetes field.
The 7th ASPED-ISPAD Diabetes Academy 2023 delegates and faculty

Plenary sessions in the 7th ASPED-ISPAD Diabetes Academy 2023
Groups workshops and small group discussion session in the 7th ASPED-ISPAD Diabetes Academy 2023
Group Winners of the 7th ASPED-ISPAD Diabetes Academy 2023

Plenary sessions in the 7th ASPED-ISPAD Diabetes Academy 2023
Winners’ of the 7th ASPED-ISPAD Diabetes Academy Quiz 2023
Social activity and networking during the 7th ASPED-ISPAD Diabetes Academy 2023
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