



8 March 2024

0732

10:30 - 11:00 e-Poster Discussion Session 09

Station 01

Moderation: Iris de Hoogh, Netherlands

10:30 - 10:35

PD033 - REPLICATING GLUCOSE DYNAMICS OF PEOPLE LIVING WITH T1D USING PHYSIOLOGY-GUIDED AI MODELS

Valentina Roquemen-Echeverri, (Oregon Health & Science University, , United States of America)

10:35 - 10:40

PD034 - TEMPORAL TARGET VS. SUSPENSION OF INSULIN INFUSION DURING AEROBIC EXERCISE IN PATIENTS WITH TYPE 1 DIABETES USING AN ADVANCED CLOSED-LOOP HYBRID SYSTEM.

Ana María Gómez Medina, (Hospital Universitario San Ignacio, , Colombia)

10:40 - 10:45

PD035 - DIFFERENTIAL EFFECTS OF DIETARY AND EXERCISE INTERVENTIONS ON CONTINUOUSLY MEASURED GLUCOSE LEVELS IN PEOPLE WITH TYPE 2 DIABETES, AND POTENTIAL FOR PERSONALIZED TREATMENT

Iris De Hoogh, (Leiden University Medical Center, Leiden, Netherlands)

10:45 - 10:50

PD036 - ENHANCING DIABETES MANAGEMENT STRATEGIES FOR MARATHON RUNNERS WITH TYPE 1 DIABETES THROUGH PATIENT-CENTERED VISUAL NARRATIVES

Denise Montt-Blanchard, (Pontifical Catholic University of Chile, , Chile)



8 March 2024

0733

10:30 - 11:00 e-Poster Discussion Session 10

Station 02

Moderation: Diana Isaacs, United States of America

10:30 - 10:35

PD037 - LONG-TERM PERSISTENCE OF THE BENEFIT OF FLASH GLUCOSE MONITORING IN PEOPLE WITH TYPE 1 DIABETES MELLITUS

María Mercedes Fernández-Bueso, (Badajoz University Hospital, Badajoz, Spain)

10:35 - 10:40

PD038 - DEXCOM ONE VS. FREESTYLE LIBRE 3: COMPARISON OF GLYCEMIC OUTCOMES AND USER EXPERIENCE IN A RANDOMISED CROSSOVER CLINICAL TRIAL

Carmen Quiros, (Hospital Universitari Mutua de Terrassa, , Spain)

10:40 - 10:45

PD039 - FACTORS ASSOCIATED WITH THE DIFFERENCE BETWEEN FASTING CONTINUOUS GLUCOSE MONITOR-DERIVED INTERSTITIAL GLUCOSE AND VENOUS PLASMA GLUCOSE IN INDIVIDUALS WITHOUT DIABETES

Nicole Spartano, (Boston University Chobanian & Avedisian School of Medicine, , United States of America)

10:45 - 10:50

PD040 - INDIVIDUAL INFLAMMATORY RESPONSE CONDITIONS SENSOR ACCURACY IN TYPE 1 DIABETES

Mercedes Rigla, (Parc Tauli University Hospital, , Spain)



8 March 2024

0734

10:30 - 11:00 e-Poster Discussion Session 11

Station 03

Moderation: Marc Breton, United States of America

10:30 - 10:35

PD041 - EFFECTS OF 12-WEEKS FREESTYLE LIBRE 2.0 IN CHILDREN WITH TYPE 1 DIABETES AND ELEVATED HBA1C: A MULTI-CENTER RANDOMIZED CONTROLLED TRIAL

Ben Wheeler, (University of Otago, , New Zealand)

10:35 - 10:40

PD042 - LONG TERM SUSTAINABILITY OF A MINIMALLY INVASIVE, EXTENDED DURATION CGM SYSTEM

Giovanni Annuzzi, (University of Naples, Federico II, , Italy)

10:40 - 10:45

PD043 - 5 YEARS OF EXPERIENCE WITH CONTINUOUS IMPLANTABLE GLUCOSE MONITORING IN AN ACCREDITED CENTRE.

Pilar Isabel Beato VÍbora, (Badajoz University Hospital, , Spain)

10:45 - 10:50

PD044 - CONTRIBUTIONS OF SCAN FREQUENCY AND BOLUS FREQUENCY TO TIME IN RANGE; DATA FROM CGM AND CONNECTED PENS

Pratik Choudhary, (University of Leicester, , United Kingdom)

8 March 2024

0735

10:30 - 11:00 e-Poster Discussion Session 12

Station 04

Moderation: Raj Wadwa, United States of America

10:30 - 10:35

PD045 - TIME IN HYPOGLYCAEMIA, BUT NOT COEFFICIENT OF VARIANCE, IS ASSOCIATED WITH INCIDENT RETINOPATHY IN TYPE 1 DIABETES

Parizad Avari, (Imperial College London, , United Kingdom)

10:35 - 10:40

PD046 - THE ASSOCIATION OF HBA1C WITH PERSON-REPORTED HYPOGLYCAEMIA OCCURRING ABOVE HYPOGLYCAEMIC GLUCOSE RANGE: THE HYPO-METRICS STUDY

Patrick Divilly, (Kings College London, , United Kingdom)

10:40 - 10:45

PD047 - EFFECT OF CONTINUOUS GLUCOSE MONITORING (CGM) ON IMPAIRED AWARENESS OF HYPOGLYCEMIA (IAH) IN OLDER ADULTS WITH TYPE 1 DIABETES (T1D): POST-HOC ANALYSIS FROM WISDM STUDY

Anika Bilal, (AdventHealth, , United States of America)

10:45 - 10:50

PD049 - HYPOGLYCEMIA IN CHILDREN REFEREED TO A TERTIARY CARE PEDIATRIC ENDOCRINE CLINIC: AGE-DEPENDENT ETIOLOGICAL VARIATIONS

Liat De Vries, (Tel Aviv University, , Israel)

8 March 2024

0812

16:45 - 17:15 e-Poster Discussion Session 13

Station 01

Moderation: Jane Yardley, Canada

16:45 - 16:50

PD049 - ALMOST EVERY SECOND CHILD (0-18 YEARS) WITH T1D IN SWEDEN REACHES 50 % TIME IN TIGHT RANGE – AN INCREASING TREND

Karin Åkesson, (Linköping University, , Sweden)

16:50 - 16:55

PD050 - DIFFERENCES ON TREATMENT MODALITIES OF CHILDREN WITH T1D AMONG ITALIAN CENTRES IN 2023

Francesco Gasparini, (Università Politecnica delle Marche, , Italy)

16:55 - 17:00

PD051 - IMPLEMENTING NOVEL, PATIENT-CENTERED DIGITAL QUALITY MEASURES BASED ON DATA FROM CONTINUOUS GLUCOSE MONITORS FOR PATIENTS WITH DIABETES: A FEASIBILITY STUDY

Naila Wahid, (Avalere Health, , United States of America)

17:00 - 17:05

PD052 - GLYCEMIC OUTCOMES AND PATIENT SATISFACTION AND SELF-MANAGEMENT IMPROVES WHEN TRANSITIONING FROM STANDARD CARE TO VIRTUAL MULTIDISCIPLINARY CARE

Noga Minsky, (Sheba Medical Center, , Israel)

8 March 2024

0813

16:45 - 17:15 e-Poster Discussion Session 14

Station 02

Moderation: Jennifer Ashford, United Kingdom

16:45 - 16:50

PD053 - SAFETY AND EFFICACY OF USE OF DILUTED INSULIN IN YOUNG CHILDREN WITH TYPE 1 DIABETES USING A HYBRID CLOSED LOOP SYSTEM: A CASE SERIES

Jennifer Ashford, (Cambridge University Hospitals NHS Foundation Trust, , United Kingdom)

16:50 - 16:55

PD054 - THE EFFECTIVENESS OF TANDEM T:SLIMX2 INSULIN PUMP CONTROL-IQ TECHNOLOGY DOES NOT DEPEND ON THE TYPE OF THE PREVIOUS INSULIN TREATMENT

Giulio Maltoni, (IRCCS Azienda Ospedaliero-Universitaria di Bologna, , Italy)

16:55 - 17:00

PD055 - USE OF A ONE-TIME LOADING DOSE OF ONCE WEEKLY INSULIN EFSITORA ALFA REDUCES TRANSIENT HYPERGLYCEMIA AND IS NOT ASSOCIATED WITH EXCESS HYPOGLYCEMIA RISK VS DEGLUDEC

Juliana Bue-Valleskey, (Eli Lilly and Company, , United States of America)

17:00 - 17:05

PD056 - POSTPRANDIAL GLUCOSE CONTROL WITH ULTRA-RAPID INSULIN ANALOGUES IN HYBRID CLOSED-LOOP THERAPY FOR ADULTS WITH TYPE 1 DIABETES: A RETROSPECTIVE ANALYSIS

Belma Haliloglu, (Marmara University, Istanbul, Turkey)

8 March 2024

0814

16:45 - 17:15 e-Poster Discussion Session 15

Station 03

Moderation: Anders Carlson, United States of America

16:45 - 16:50

**PD057 - A ROLLING WINDOW METHODOLOGY FOR INTEGRATING AND
COMPARING GLYCAEMIC VARIABILITY METRICS**

Faizan Munawar, (Atlantic Technological University Sligo, , Ireland)

16:50 - 16:55

**PD058 - THE EFFECT OF MISSING DATA ON THE ESTIMATION OF A1C USING
CONTINUOUS GLUCOSE MONITOR DATA**

Byron Olson, (Bigfoot Biomedical, , United States of America)

16:55 - 17:00

**PD059 - HOW WELL DOES GMI CORRELATE WITH HBA1C IN PEOPLE LIVING
WITH DIABETES OVER TIME?**

Julia K Mader, (Medical University of Graz, Graz, Austria)

17:00 - 17:05

**PD060 - CARDIOVASCULAR RISK AND LDL CHOLESTEROL LEVELS IN
ADULTS WITH TYPE 1 DIABETES: ANALYSIS OF RENACED-DT1**

Raquel N Faradji, (Centro Medico ABC, , Mexico)



8 March 2024

0815

16:45 - 17:15 e-Poster Discussion Session 16

Station 04

Moderation: Gregg Simonson, United States of America

16:45 - 16:50

PD061 - TIME SPENT IN HYPOGLYCAEMIA, HYPERGLYCAEMIA AND ABOVE TARGET RANGE ACCORDING TO TIME OF DAY: OBSERVATIONS DURING FULLY CLOSED-LOOP INSULIN DELIVERY IN TYPE 2 DIABETES

Nithya Kadiyala, (Wellcome-MRC Institute of Metabolic Science, , United Kingdom)

16:50 - 16:55

PD063 - EXPLORING THE EFFECT OF CARBOHYDRATE INTAKE WHEN PERFORMING PHYSICAL ACTIVITY IN THE CHANGE IN GLUCOSE

Eleonora Maria Aiello, (Harvard John A. Paulson School of Engineering and Applied Sciences, Harvard University, Boston, United States of America)

16:55 - 17:00

PD064 - PROPOSED MODEL TO UNDERSTAND COPING MECHANISMS DEVELOPMENT IN ATHLETES LIVING WITH TYPE 1 DIABETES TO ADDRESS PHYSICAL ACTIVITY BARRIERS.

Denise Montt-Blanchard, (Pontifical Catholic University of Chile, , Chile)