<table>
<thead>
<tr>
<th><strong>Wednesday, April 03rd, 2019</strong></th>
<th><strong>Thursday, April 04th, 2019</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 – 12:00 Peer Review training <em>(Stephen Parsons)</em></td>
<td>08:00 – 08:30 SWEET Peer Review <em>(Stephen Parsons)</em></td>
</tr>
<tr>
<td>10:30 – 12:00 DPV Consultation <em>(Ramona Ranz)</em></td>
<td>8:30 – 9:15 Centers presentation</td>
</tr>
<tr>
<td>11:00 – 12:00 DPPC Meeting</td>
<td>• Europe, Serbia, Belgrade <em>(Sladjana Todorovic)</em></td>
</tr>
<tr>
<td>12:00 – 13:00 Lunch</td>
<td>• Africa, Egypt, Cairo <em>(Safinaz Elhabashy)</em></td>
</tr>
<tr>
<td>13:00 – 13:30 Meeting Opening: Welcome and Introductions <em>(Thomas Danne)</em></td>
<td>• South America, Brazil, Curitiba <em>(Stela Kudo)</em></td>
</tr>
<tr>
<td>13:30 – 13:45 Welcome by Abbott <em>(Ansgar Resch, Alexander Seibold)</em></td>
<td>9:15 – 10:00 New Items for the SWEET dataset <em>(Reinhard Holl)</em></td>
</tr>
<tr>
<td>13:45 – 14:45 Current Data <em>(Holl, Fink, Schwandt)</em> / News from the benchmarking <em>(M. Witsch)</em></td>
<td>10:00 – 10:15 Coffee break</td>
</tr>
<tr>
<td>14.45 – 15:45 Group discussions and Workshops – Part I</td>
<td>10:15 – 11:15 Group discussions and Workshops – Part II</td>
</tr>
<tr>
<td>Group 1) Open benchmarking <em>(Michael Witsch)</em></td>
<td>Group 1) Task Force on Severe Hypoglycemia <em>(M. Tauschmann, C. Dovc, T. Biester)</em></td>
</tr>
<tr>
<td>Group 2) EC/AB Meeting</td>
<td>Group 2) Open Benchmarking workshop <em>(Michael Witsch)</em></td>
</tr>
<tr>
<td>Group 3) Free time for informal meetings and discussions</td>
<td>Group 3) Successful Publications <em>(Reinhard Holl)</em></td>
</tr>
<tr>
<td>15.45 – 16:00 Coffee break</td>
<td>11:15 – 12:00 Plenum presentations (Group 1, Group 2, Group 3)</td>
</tr>
<tr>
<td>16:00 – 17:30 Ongoing and New Scientific Projects <em>(Olga Kordonouri)</em></td>
<td>12:00 – 13:00 Lunch</td>
</tr>
<tr>
<td>17:30 – 18:00 Diabetes Insights from Real-world Data <em>(Tim Dunn)</em></td>
<td>13:00 – 13:45 SWEET e.V. business (Finances, Strategic Plan) <em>(Thomas Danne)</em></td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>13:45 – 14:30 Case presentations</td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>14:30 – 15:00 SWEET initiatives: ICHOM/PROM <em>(Roque Cardona-Hernandez)</em></td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>ISPAD@SWEET sup. by Lilly <em>(Ragnar Hanas)</em></td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>15:00 – 16:00 Group discussions and Workshops – Part III</td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>Group 1) Peer Review Task &amp; Finish Group <em>(Stephen Parsons)</em></td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>Group 2) Free time for informal meetings and discussions</td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>15:00 – 16:00 Coffee</td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>16:00 Meeting Closing and Departure</td>
</tr>
<tr>
<td>18:30 Departure of buses to the hotels</td>
<td>16:30 – 19:30 SWEET Hub leaders meeting</td>
</tr>
</tbody>
</table>
11th Membership Assembly

SWEET Meeting 2019 in Wiesbaden – Good to see you again

...and hello to the Newcomers

...and THANK YOU
Thank you to our Corporate Members!

11th Membership Assembly
11th Membership Assembly

The SWEET Story continues

First ideas
workpackages

EU granted project

Crisis

1st SWEET supplement

Database changed

Multilingual software

DPV

2nd SWEET supplement

Revision of
Peer Review
Program

10th anniversary
meeting

2006-8

2008 - 2011

2011

2012

2013

2014

2015

2016

2017

2018

Better control in pediatric and adolescent diabetes:

Working to create centers of reference

12 European centres database webpage audit

2 meetings/y

Legal entity Hannover/Germany

Closer cooperation clinicians – data bank managers

Benchmarking reports

Encouraging centers outside Europe

1st T1 youth challenge

2nd T1 youth challenge

3rd T1 youth challenge

4th T1 youth challenge

PRO initiative

1st T1 youth challenge

1st SWEET supplement

10th anniversary meeting
Executive Committee

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Danne (Hannover, Germany)</td>
<td>Chairman</td>
</tr>
<tr>
<td>Simona De Portu (Medtronic)</td>
<td>Vice-Chairman</td>
</tr>
<tr>
<td>Peter Gerhardsson (Lund, Sweden)</td>
<td>Treasurer</td>
</tr>
<tr>
<td>Michael Witsch (Luxembourg)</td>
<td>Boardmember</td>
</tr>
<tr>
<td>Imane Benabbad (Lilly)</td>
<td>Boardmember</td>
</tr>
<tr>
<td>David Maahs (ISPAD)</td>
<td>Boardmember</td>
</tr>
</tbody>
</table>

Advisory Board

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brigitte Klinkenbijl</td>
<td>Dexcom</td>
</tr>
<tr>
<td>Stefan Kaspers</td>
<td>Boehringer</td>
</tr>
<tr>
<td>Felipe Lauand</td>
<td>Sanofi</td>
</tr>
<tr>
<td>Alexander Seibold</td>
<td>Abbott</td>
</tr>
<tr>
<td>Reinhard Holl</td>
<td>University Ulm, Germany</td>
</tr>
<tr>
<td>Anja Strootker</td>
<td>Incite-PA, consultant</td>
</tr>
<tr>
<td>Ragnar Hanas</td>
<td>SWEET@ISPAD Initiative</td>
</tr>
<tr>
<td>Gun Forsander</td>
<td>CoR Gothenburg, Sweden</td>
</tr>
<tr>
<td>Stephen Parsons</td>
<td>Peer Review Program</td>
</tr>
</tbody>
</table>
SWEET is growing fast – Who are we?

SWEET Today

125 Centers – 50 Countries – all Continents

– 31 certified Centers of Reference
– 11 certified Collaborative Centers
– 21 Associated Centers
– 66 Centers in Progress (CiP)
  ▪ 30 CiP1, are not yet uploading data (11 are new members, joined after April 2018)
  ▪ 27 CiP2, data uploading centers
    • 26 outside of Europe (Peer Review Process in development)
    • 7 CiP3, centers in Peer Review Process
– 3 inactive Centers, 1 center left
11th Membership Assembly

**SWEET current status**

**125 Centers – 50 Countries – all Continents**

**SWEET growth 2011 - 2019**

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of centers</th>
<th>uploading centers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>2012</td>
<td>23</td>
<td>14</td>
</tr>
<tr>
<td>2013</td>
<td>32</td>
<td>24</td>
</tr>
<tr>
<td>2014</td>
<td>39</td>
<td>26</td>
</tr>
<tr>
<td>2015</td>
<td>57</td>
<td>55</td>
</tr>
<tr>
<td>2016</td>
<td>73</td>
<td>76</td>
</tr>
<tr>
<td>2017</td>
<td>84</td>
<td>78</td>
</tr>
<tr>
<td>2018</td>
<td>108</td>
<td>108</td>
</tr>
<tr>
<td>2019</td>
<td>125</td>
<td>125</td>
</tr>
</tbody>
</table>
11th Membership Assembly

SWEET database

<table>
<thead>
<tr>
<th>Diabetes type</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1 diabetes</td>
<td>91 %</td>
</tr>
<tr>
<td>Type 2 diabetes</td>
<td>3 %</td>
</tr>
<tr>
<td>Other forms</td>
<td>6 %</td>
</tr>
</tbody>
</table>
11th Membership Assembly

SWEET database: current status

SWEET Map Europe and Israel...

Uploading centers:
Red = established SWEET centers; Blue = new upload since last meeting
SWEET database: current status

11th Membership Assembly

SWEET Map: Members on all continents

13 new centers
Chile (1)
Bangladesh (1)
Tanzania (1)
Ecuador (1)
India (3)
Italy (2)
Canada (1)
Spain (1)
Egypt (1)
Australia (1)

Uploading centers:
Red = established SWEET centers ; Blue = new upload since last meeting
<table>
<thead>
<tr>
<th></th>
<th><strong>Criteria</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Completeness of core data **</td>
</tr>
<tr>
<td>2</td>
<td>Height and weight at the same time (body mass index) *</td>
</tr>
<tr>
<td>3</td>
<td>Blood pressure*</td>
</tr>
<tr>
<td>4</td>
<td>HbA1c*</td>
</tr>
<tr>
<td>5</td>
<td>Percentage of visits with documentation of severe hypoglycemia</td>
</tr>
<tr>
<td>6</td>
<td>Percentage of documented treatment modality</td>
</tr>
<tr>
<td>7</td>
<td>Percentage of documented daily insulin dosage</td>
</tr>
<tr>
<td>8</td>
<td>Percentage of documented type of insulin</td>
</tr>
<tr>
<td>9</td>
<td>Percentage of uploaded to expected number of patients</td>
</tr>
</tbody>
</table>

** date of birth, sex, date of onset, date of visit, type of diabetes
* at least once a year
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SWEET database: Prize for data excellence in 2018

Awarded centers

1. Verona, Italy –
   U.O.C. di Pediatria ad Indirizzo di Diabetologia
   Pediatrica e Malattie del Metabolismo

2. Coimbra, Portugal –
   Hospital Pediatrico de Coimbra, Pediatric
   Endocrinology Unit

3. Århus, Denmark –
   Skejby Hospital, University of Århus, Department of
   Pediatrics

4. Leuven, Belgium –
   University Hospital Leuven (UZ Leuven)Department
   of Pediatrics

4. Bucharest, Romania –
   Diabetes, Nutrition and Metabolic Disease Clinic for
   Evaluation and Rehabilitation for Children and
   Adolescents
Numbers are increasing, but still room for improvement
SWEET database: sensor data

Glucose profiles

**Centers using the DPV software**
- Sensor data from various CGM-/FGM-meters can be imported into DPV since version 7.35.

**Centers using an individual documentation system**
- If you are not using DPV, you can create a ZIP-file containing all your sensor data.
- Please use the following convention for naming the individual files:
  "<<patientid>>-<<Year>>-<<Month>>.<<file extension>>" (e.g. “745-2019-07.txt”) so we can match your sensor data to your patients’ data.

If you have any question regarding the documentation of sensor data, please do not hesitate to contact the Ulm team (andreas.hungele@uni-ulm.de, ramona.ranz@uni-ulm.de).

Please visit our website to get more information about our dataset and a detailed explanation how to upload sensor data: [https://sweet-project.org/sweet-dataset.php](https://sweet-project.org/sweet-dataset.php)
**SWEET publication process flowchart**

**Lead author**
- Submit proposal to sweet-project@hka.de
- Green light: contact co-authors, final proposal and FU-form incl. co-authors to SWEET within 4 weeks

**DPPC**
- Feedback within 7 days after webinar, including recommended co-author list according to rules **
- Forward proposal to DPPC

**SWEET**
- Forward proposal to data team in Ulm
- Check for continuous data upload of eligible centers
- Forward proposal (incl. co-authors) to data team (if necessary)

**Data team**
- Check feasibility of project and eligible centers for co-authorship*, including suggestions for statistical analysis
- No data analysis requested
- Start of data analysis
- Data analysis in contact with lead author, timeline in contact with lead author

**Start of data analysis**
- Send data package to lead author and information to SWEET
- No data analysis requested

**Send feedback to SWEET every 3 months**

**Submit draft publication to SWEET**

**Submit** to journal etc. and information to SWEET and co-authors, send copy of final paper to SWEET

**Submit** to journal etc. and information to SWEET and co-authors, send copy of final paper to SWEET

**Formal approval prior to submission**

**Archive final paper, update publication list (on website), update list of authors**

**Author:** Hiller

**Released by:** SWEET-Executive Committee

**Valid from:** 11/18

**Reviewer:** Klee; Schwandt, Kordonouri

**Version:** 01
Preparation and review schedule

- Projects can be proposed to the DPPC by completing the form available on the SWEET website (https://www.sweet-project.org/data-presentation-and-publication-committee.php)
- The same form may be used for requests to the DPPC for data analysis.
- Decision on proposals will be made according to the SWEET project and publication process (see flowchart)
Ongoing and New Scientific Projects: Leading author

• One individual will be designated as leading author and will be responsible for ensuring that the first draft of the publication is written
• Leading author is the person who initiates a scientific project/data analysis
• Shared lead authorship is possible in case of equal contribution

Leading author’s responsibility:
• Establish communication with co-authors
• Establish communication with data management group
• Regular reporting on progress of project to SWEET project coordinators
• Write the first draft of publication in cooperation with co-authors
• Act as corresponding author for journal communication
• Check text, numbers, tables, figures etc. regarding accuracy

Send final manuscript, abstract, poster, presentation etc. as PDF to co-authors and SWEET
Selection criteria for co-authorship (co-authors are suggested by DPPC):
• Regular data upload from the center
• No more than 2 parallel projects per co-author
• Even and fair distribution across the whole SWEET Group

Obligations of co-author:
• Active contribution such as:
  • creation of figures/tables
  • searching for literature
  • writing parts of manuscript
  • review of manuscript
• Provide contact data and conflict of interest to lead author after acceptance of invitation

Exclusion of co-authorship:
• No response to email invitation from lead author within 3 weeks
• No active participation in the project, based on lead author’s adjustment
Ongoing and New Scientific Projects: surveys / questionnaires

- Can also be initiated as a scientific project outside of the regular SWEET data upload
- SWEET data team identifies centers that are eligible to answer the survey
- Aim is to have a response rate of at least 70% of eligible centers, as active contribution to research is a part of the SWEET membership
- Strong recommendation:
  - Please use a web-based, user-friendly survey,
  - pre-test within co-authors regarding comprehensibility, regional differences, etc.
  - email with link to the survey should include information regarding time needed to fill out, required information (team members to be asked) as well as a legend with helpful information, description etc.
- SWEET aims to have not more than 3-4 surveys per year
The influence of treatment, age at onset, and metabolic control on height in children and adolescents with type 1 diabetes—A SWEET collaborative study


Prevalence of underweight, overweight, and obesity in children and adolescents with type 1 diabetes: Data from the international SWEET registry


Persistent heterogeneity in diabetes technology reimbursement for children with Type 1 Diabetes: The SWEET perspective


Zdenek Sumnik, Agnieszka Szypowska, Violeta Iotova, Natasa Bratina, Valentino Cherubini, Gun Forsander, Sujata Jali, Joao Felipe Raposo, Gordana Stipančić, Andriani Vazeou, Henk Veeze, Karin Lange

Lipid profile is associated with treatment regimen in a large cohort of children and adolescents with type 1 diabetes mellitus: a study from the international SWEET database


Ioanna Kosteria, Anke Schwandt, Elizabeth Davis, Sujata Jali, Mariana Prieto, Diane Rottembourg
1. Metabolic control three years after diagnosis in children with T1D from the international pediatric diabetes registry SWEET: is DKA at onset or HbA1c at onset closer associated with third year HbA1c?
Presenter: Catarina Limbert (Leading author: Barbara Piccini)

2. Celiac disease in children with T1D varies among the world: an international, cross-sectional study of 39,425 patients from the SWEET registry.
Presenter: Agnieszka Szypowska (Leading author: Anna Taczanowska)
Three hubs have been set up:
Europe: Germany, Hannover - Thomas Danne
Asia: India, Ahmedabad - Banshi Saboo
Australasia: Australia, Perth - Elizabeth Davis

Total Number of Visits in 2018/2019 = 12

- Visits in Europe = 8
- Visits in Asia = 3
- Visit in Australasia = 1
Peer review program: Requirements to become a SWEET member

**Associate Centers**
- < 150 patients
  - Completion of Self-Assessment Standards bi-annually

**Center with > 150 patients**
- Submission of the SWEET application form to the Hannover Office
  
**Center in Progress 1**
- Preparing data to upload & send to database in Ulm

**Center in Progress 2**
- Data uploaded to the SWEET database & receipt of benchmarking report
- Completion of the criteria document & Self-Assessment Standards
- Start of the Peer Review Programme

**Center in Progress 3**
- Peer Review visit arranged
  - Visit examines which criteria are met & examines Self-Assessment standards

**Collaborative Centre**
- if all the criteria are not met

**Center of Reference**
- all criteria met
Peer review Program: Proposed Introduction of Self-Assessment

• Not possible to review centers every year, but it will be important to have in place a process which can monitor continuing improvements in service delivery and clinical outcomes.
• Also important to have a process in place which provides a report back mechanism for visited centres to give a progress report on any improvements made since a review visit.
• Proposed that centers be asked to complete a self-assessments once every 2 years

3 Key documents to form part of the Self-Assessment
1. Operational Policy
2. Work Plan
3. Annual Report
Peer review Program: Best improvement prize

4 prizes are to be awarded (2018 and 2019)

- Peer Reviewed SWEET centers having achieved significant quality improvements and made progress in the delivery of services.
- The Hub leaders will act as the judges of the submissions using a set of criteria.
- Winners of the prizes will be announced at the SWEET meeting held immediately before the 45th Annual ISPAD Conference in Boston

All eligible centers will be invited by email to apply!
Call for tutors

• We are looking for volunteers to visit centers, that need support in implementing DPV
• Reimbursement of travel and accommodation costs, if not provided by the host
• In the first round, these countries are up for applications:
  • Iran (Shiraz), Hossein Morajev
  • Kenya (Nairobi), Lucy Mungai
  • Tanzania (Daressalam), Edna Siima Majaliwa
  • Thailand (Bangkok), Supawadee Likitmaskul

Please contact us if you are interested!
11th Membership Assembly

Next meeting

The next SWEET meeting is in Boston

1-day meeting, October 29 in Acton (near Boston) at Insulet

Travel and accommodation costs will not be reimbursed by SWEET