Workshop A: Reimbursement

Panel 1: Glucose, CGM, Artificial Pancreas

08:00  Moderators
Pablo Salazar
McKinsey & Company, Los Angeles, CA

08:05  New Regulatory Policies
Paul Radensky, MD, JD
McDermott Will & Emery LLP, Washington, DC

08:20  TBD

08:35  CGM Reimbursement
Allan Glass, MD

Reimbursement Update of CGM and Artificial Pancreas

08:50  Patty Telgener
Emerson Consultants, Excelsior, MN

09:05  Q & A

09:35  Break

Panel 2: Other Technologies: Pumps, Mobile Apps F

10:00  Moderators
Craig MacKenzie
McKinsey & Company, Los Angeles, CA

10:05  Pumps
Bruce Quinn, MD, PhD
Bruce Quinn Associates, Los Angeles, CA

10:20  Reimbursement for Digital Health Products
Robert Guigley
Omada Health, Inc., San Francisco, CA

10:35  Reimbursement for Digital Health
Craig MacKenzie
McKinsey & Company, Los Angeles, CA

10:50  Legal Aspects of Reimbursement for Telehealth
Amy Lerman
Epstein Becker & Green, Washington, DC

11:05  Q & A

11:40  End of workshop/Lunch
Thursday, November 2, 2017

Workshop B: Advances in Insulin Delivery

Panel 1: Accurate Insulin Dosing

08:00  Moderators

08:05  Treatment of Uncontrolled Diabetes
       Jennifer Sherr, MD, PhD
       Yale University, Monroe, Connecticut

08:20  Avoiding Insulin Dose Errors Related to Deficiencies in Decision Support Software
       Andreas Pfutzner, MD, PhD
       Pfützner Science & Health Institute, Mainz, Germany

08:35  Accurate insulin dosing for decision support
       Ellie Strock, ANP-BC, FAANP, CDE
       Voluntis, Cambridge, MA

08:50  Pump Delivery of U500 Insulin
       Jennal Johnson, MS, FNP, BC-ADM, CDE, CDTM
       Eli Lilly & Company, Indianapolis, IN

09:05  Q & A

09:40  Break

Panel 2: Technologies for Insulin/Pen Delivery

09:55  Moderators

10:00  Clinician's perspective on why we need smart pens
       Bruce Buckingham

10:15  Whatever happened to inhaled insulin
       Lutz Heinemann, PhD
       Science & Co, Dusseldorf, Germany

10:30  Advances in Insulin Delivery
       Jeffrey Joseph, D.O.
       Thomas Jefferson University, Philadelphia, Pennsylvania

10:45  Update on Oral Insulin
       Miriam Kidron, PhD
       Oramed Pharmaceutical Inc, Jerusalem, Israel

11:00  Q & A

11:35  End of workshop/Lunch
Thursday, November 2, 2017

Workshop C: Social Media for Diabetes – Communications and Advertising

Panel 1: How Social Media can Promote Health Behavior

12:30  Moderators
12:35  Benefits of Social Media for Diabetes
      David Ahn, MD
      UCLA Health, Valencia, California
12:50  Reminders for Engaging with Mobile Applications
      Bijan Najafi, PhD
      Baylor College of Medicine, Houston, Texas
13:05  Gamification for Diabetes to Increase Adherence
      Vishal Khanna, MFA, MPH
      HealthPrize Technologies, Norwalk, Connecticut
13:20  The Quality and Safety of Online Communities
      Elissa R Weitzman, ScD, MSc
      Boston Children’s Hospital | Children’s Hospital Pediatrics Associates, Boston, Massachusetts
13:35  Q & A
14:10  Break

Panel 2: Advertising on Social Media

14:30  Moderators
14:35  Advertising for Diabetes Products on Social Media
      Michael Kloss
      Ascensia Diabetes Care, Basel, Switzerland
14:50  FDA Policies on Direct to Consumer Advertising
      Stayce Beck
      U.S. Food and Drug Administration, Silver Spring, Maryland
15:05  Advertising on Social Media
      Michael Bachner
      Novo Nordisk, Inc. Plainsboro Township, New Jersey
15:20  Legal Issues about Advertising on Social Media
      Michael Ryan, JD
      McDermott Will & Emery, Washington, D.C
15:35  Q & A
16:10  End of workshop
16:10–18:30  Poster session and inauguration of the 2016 Diabetes Technology Meeting
18:30–20:00  Posters remain on display for viewing
Workshop D: Developments in Glucose Monitoring

Panel 1: Technology

12:30 Moderators

12:35 New Enzymes / Optical
Koji Sode, PhD
Tokyo University of Agriculture & Tech. Koganei, Tokyo

12:50 FDA Policies
Courtney Lias, PhD
U.S. Food and Drug Administration, Silver Spring, Maryland

13:05 CGM in Type 2
Eugene Wright, MD
Duke University School of Medicine, Fayetteville, North Carolina

13:20 Contact Lens to Measure Glucose
Greg Herman
Oregon State University, Corvallis, Oregon

13:35 Q & A
14:10 Break

Panel 2: New end points for diabetes technology clinical trials

14:30 Moderators

14:35 Glycemic Variability: Multiple Types, Multiple Metrics, and Clinical Utility
David Rodbard, MD
Biomedical Informatics Consultants LLC, Potomac, Maryland

14:50 A New Definition of Hypoglycemia for Clinical Trials
Doug Muchmore, MD
Kinexum, La Jolla, California

15:05 New End Points and Adaptive Design For Diabetes Clinical Trials
Alexander Fleming, MD
Kinexum, Harpers Ferry, West Virginia

15:20 Inflammatory Biomarkers as End Points
Suneil Koliwad, MD
UCSF, San Francisco, California

15:35 Q & A
16:10 End of workshop

16:10–18:30 Poster session and inauguration of the 2016 Diabetes Technology Meeting
18:30–20:00 Posters remain on display for viewing
07:00  Continental Breakfast

Session 1: Artificial Intelligence for Decision Support

08:00  Welcome/Opening Remarks
       David Klonoff, MD, FACP, FRCP (Edin), Fellow AIMBE
       Mills-Peninsula Health Services, San Mateo, California
       University of California, San Francisco, San Francisco, California

08:05  Keynote
       Johnathan Clark, MD
       National Space Biomedical Research Institute, Houston, Texas

8:30  Moderators

08:35  Decision Support based on Self-Monitoring or Continuous-Monitoring Data
       Boris Kovatchev, PhD
       University of Virginia, Charlottesville, Virginia

08:55  Decision Support Systems for Physicians and Patients
       Moshe Phillip, MD
       Schneider Children’s Med. Ctr. of Israel, Petah Tikva, Israel

09:15  Deep Learning to Diagnose Diabetic Retinopathy
       Howard Zisser, MD
       Verily Life Science, Santa Barbara, California

09:35  Q & A

09:55  Break

Session 2: Privacy for Diabetes Device

10:15  Moderator

10:20  Panel Discussion
       Lucia Savage
       U.S Department of Health and Human Services, Washington, D.C
       Elissa R Weitzman, ScD, MSc
       Boston Children’s Hospital | Children’s Hospital Pediatrics Associates, Boston, Massachusetts
       Suzanne Schwartz, MD, MBA
       U.S. Food and Drug Administration, Silver Spring, Maryland
       Deven MCGrav, JD, MPH
       US Department of Health and Human Services, Office for Civil Rights
       Peter Blenkinsop
       Drinker Biddle & Reath LLP, Washington, D.C

11:35  Q & A

11:55  End of session/Lunch
Session 3: Augmented Reality

12:55  Moderators
13:00  The Effect of Virtual Reality on Emotional Reaction to Diabetes Related Data
       Bryan Gibson, PhD
       University of Utah, Salt Lake City, Utah
13:20  The Underlying Complexity and the Striking Simplicity Of AR
       Victor Chapela
       Suggestic, San Francisco, California
13:40  Immersive Reality & Diabetes: How Cutting Edge Technologies Can Provide Unique Perspectives on the Disease
       Adam Boucher
       Emotive, London, United Kingdom
14:00  Q & A
14:20  End of session/Break

Session 4: Artificial Pancreas – Recent Innovations in Algorithms

14:40  Moderators
14:45  Artificial Pancreas Award
14:55  Intra Peritoneal AP system
       Katharine Barnard, PhD CPsychol AFBPsS
       Bournemouth University / BHR Ltd, Hampshire, United Kingdom
15:05  Pulsatile Insulin Secretion and Subcutaneous Bolusing
       Ananda Basu, MBBS, MD, FRCp (UK)
       University of Virginia, Charlottesville, Virginia
15:10  The NIH Artificial Pancreas Consortium
       Guillermo Arreaza-Rubin, MD
       NIDDK, National Institutes of Health, Bethesda, Maryland
15:20  The University of Virginia AP project
       Stacey Anderson, MD
       University of Virginia, Charlottesville, Virginia
15:30  Performance of the Medtronic 670g
       Jennifer Sherr, MD, PhD
       Yale University, Monroe, Connecticut
15:40  TBD
       Tran Ly, MBBS FRACP PhD
       Insulet Corporation, Billerica, Massachusetts
15:50  Q&A
16:20  End of Session
16:20–18:30  Poster Session Night Two
18:30–20:00  Posters remain on display for viewing
Saturday, November 4, 2017

**Session 5: Novel Insulins**

07:00  *Continental Breakfast*

**Moderators**

08:00

**Student Presentation**

08:05

**Insulins in the pipeline**

- Eric Zijlstra, PhD
  - Profil, Neuss, Germany

08:25

**Intraperitoneal Insulin Delivery**

- Frank Doyle, Professor
  - Harvard John A. Paulson School of Engineering & Applied Sciences, Cambridge, Massachusetts

08:45

**Hepatic/directed Insulin (Diasome)**

- Douglas Muchmore, MD
  - Kinexum, LA Jolla, California

09:05

**Update on Biosimilar Insulin**

- Lutz Heinemann, PhD
  - Science & Co., Dusseldorf, Germany

09:20

**Smart Insulin**

- Zhen Gu, PhD
  - North Carolina State University, Apex, North Carolina

09:40

10:00  *Q & A*

10:30  *Break*

**Session 6: Assessment of Diabetes Technology**

10:20  *Moderators*

10:25

**Meta-Analysis**

- John Pickup, MA, BM, DPhil, DSc, FRCPath
  - King’s College London, London, United Kingdom

10:45

**Intraperitoneal Insulin Delivery**

- Katharine Barnard, PhD CPsychol AFBPsS
  - Bournemouth University / BHR Ltd, Hampshire, United Kingdom

11:05

**Cost Efficiency**

- Brett McQueen, PhD
  - University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora, Colorado

11:25

**Post Market Surveillance**

- Alain Silk
  - U.S. Food and Drug Administration, Silver Spring, Maryland

11:45

12:00  *End of session/Lunch*
Session 7: DTS Surveillance Program for Cleared BGM

13:00  Moderators
13:05  Results of the Surveillance Program
       Michael Kohn
       Quesgen, Burlingame, California
13:20  Panel Discussion

Session 8: Continuous Insulin Monitoring

13:35  The Clinical need for insulin Monitoring
       David Kerr, MD, FRCPE
       William Sansum Clinic, Santa Barbara, California
13:50  EIS Spectroscopy for Continuous Insulin Monitoring
       Jeffrey T. La Belle, PhD, MS, MSEE, BSEE
       Arizona State University, Tempe, Arizona
14:05  Point of Care Insulin Monitoring Device for Improved Diabetes Management
       B. Scott Ferguson, PhD
       Aptitude, Santa Barbara, California
14:20  Q & A
14:35  Break

Session 9: CGM

15:00  Moderators
15:05  Panel Discussion
       Real World Use of FreeStyle Libre
       Tim Dunn, PhD
       Abbott Diabetes Care, Alameda, California
       TBD
       Rolf Hinzamann, Md, PhD
       Roche Diagnostics, Mannheim, Germany
       Brian Kannard
       Medtronic, Northridge, California
       CGM Performance of Dexcom Devices
       Peter Simpson, PhD
       Dexcom, San Diego, California
       Accuracy and Reliability of a Novel CGM System Employing Direct Electron
       Shinjiro Sekimoto, MS
       ARKRAY, Inc., Kyoto, Japan
16:30  Q & A
17:00  End of session/Break