Workshop A: Reimbursement

Panel 1: Glucose, CGM, Artificial Pancreas

08:00  Moderators
Pablo Salazar
McKinsey & Company, Stamford, CT

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
Endocrine Society, Bethesda, Maryland

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, and Telehealth

10:00  Moderators
Craig_MacKenzie
McKinsey & Company, New York, NY

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
Pablo Salazar
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
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
Thursday, November 2, 2017

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

13:40 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 Clincial 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
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
Peter Blenkinsop
Drinker Biddle & Reath LLP, Washington, D.C

Cora Han

Lucia Savage
Omada Health, San Francisco, California

Suzanne Schwartz, MD, MBA
U.S. Food and Drug Administration, Silver Spring, Maryland

Deven McGraw, JD, MPH
US Department of Health and Human Services, Office for Civil Rights

Elissa R Weitzman, ScD, MSc
Boston Children’s Hospital | Children’s Hospital Pediatrics Associates, Boston, Massachusetts

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
       Sugestic, 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*

08:00  **Moderators**

08:05  **Student Presentation**

08:25  **Insulins in the pipeline**

   Eric Zijlstra, PhD
   Profil, Neuss, Germany

08:45  **Intraperitoneal Insulin Delivery**

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

09:05  **Hepatic/directed Insulin (Diasome)**

   Douglas Muchmore, MD
   Kinexum, LA Jolla, California

09:20  **Update on Biosimilar Insulin**

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

09:40  **Smart Insulin**

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

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  **Q & A**

12:00  *End of session/Lunch*
Saturday, November 4, 2017

Session 7: DTS Surveillance Program for Cleared BGMs

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
      CGM
      Tim Dunn, PhD
      Abbott Diabetes Care, Alameda, California

      Rolf Hinzamann, MD, PhD
      Roche Diagnostics, Mannheim, Germany

      Brian Kannard
      Medtronic, Northridge, California

      Peter Simpson, PhD
      Dexcom, San Diego, California

      Shinjiro Sekimoto, MS
      ARKRAY, Inc., Kyoto, Japan

16:30  Q & A

17:00  End of session/Break