Thursday, November 2, 2017

**Workshop A: Reimbursement**

**Panel 1: Glucose, CGM, Artificial Pancreas**

08:00  **Moderators**  
Craig MacKenzie  
McKinsey & Company, New York, NY

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

08:20  **John Warren**  
McDermott Will & Emery LLP, Washington, DC

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**

10:00  **Moderators**  
Pablo Salazar  
McKinsey & Company, Stamford, CT

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**  
Mike Joyce  

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
Alicia Warnock, MD, BS
Walter Reed NNMC, Bethesda, MD
Anant Nigam MD
Nigam Diabetes Center, Jaipur, India

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
Simon Friedman, PhD
University of Missouri at Kansas City, Kansas, Missouri

10:00  Clinician’s perspective on why we need smart pens
Bruce Buckingham
Stanford Medical Center, Palo Alto, California

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 | Harvard Medical School, Boston, Massachusetts

13:35  Q & A

14:10  Break

Panel 2: Advertising on Social Media

14:30  Moderators
      Michael Ryan, JD
      McDermott Will & Emery, Washington, D.C

14:35  Role of Mobile Technology in the Management of Diabetes
      Michael Kloss
      Ascensia Diabetes Care, Basel, Switzerland

14:50  FDA Policies on Direct to Consumer Advertising
      Stayce Beck, PhD, MPH
      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
Geoff Chase, PhD, MS, BS
University of Canterbury, Christchurch, Canterbury

12:35 Recent Advanced Diabetes Technologies from Asia
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
Judith Fradkin, MD
NIDDK, National Institute of Health, Bethesda, Maryland

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
Friday, November 3, 2017

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
Kong Chen, PhD, MSCI
NIDDK/NIH, Bethesda, Maryland
Josep Vehi, PhD
University of Girona, Girona, Spain

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
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
14:40  **Moderators**

Jeffrey Joseph, D.O.
Thomas Jefferson University, Philadelphia, Pennsylvania

Boris Kovatchev, PhD
University of Virginia, Charlottesville, Virginia

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

07:00  Continental Breakfast

Session 5: Novel Insulins

08:00  Moderators
Frank Flacke, PhD
Sanofi-Aventis Deutschland GmbH, Frankfurt, Germany
Guillermo Arreaza-Rubin, MD
NIDDK, National Institutes of Health, Bethesda, Maryland

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
Saturday, November 4, 2017

**Session 6: Assessment of Diabetes Technology**

10:20 **Moderators**
- Alexander Fleming, MD
  Kinexum, Harpers Ferry, West Virginia
- Marc Breton, PHD
  University of Virginia, Charlottesville, VA

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**

**Session 7: DTS Surveillance Program for Cleared BGM**

13:00 **Moderators**
- Alberto Gutierrez, PhD
  U.S. Food and Drug Administration, Silver Spring, Maryland

13:05 **Results of the Surveillance Program**
Michael Kohn, MD, M.P.P, F.A.C.E.P
Quesgen, Millbrae, California

13:20 **Panel Discussion**
Session 8: Continuous Insulin Monitoring

13:35  Moderators
Gerold Grodsky
UCSF, San Francisco, CA

13:40  The Clinical need for insulin Monitoring
David Kerr, MD, FRCPE
William Sansum Clinic, Santa Barbara, California

13:55  EIS Spectroscopy for Continuous Insulin Monitoring
Jeffrey T. La Belle, PhD, MS, MSEE, BSEE
Arizona State University, Tempe, Arizona

14:10  Point of Care Insulin Monitoring Device for Improved Diabetes Management
B. Scott Ferguson, PhD
Aptitude, Santa Barbara, California

14:25  Q & A

14:45  Break

Session 9: CGM

15:05  Moderators
John Pickup, BM, BCh, DPhil
King's College London School of Medicine, London, UK

15:10  Panel Discussion
CGM
Tim Dunn, PhD
Abbott Diabetes Care, Alameda, California

Robert Vigersky, MD
Medtronic, Washington, D.C

Andrew DeHennis, PhD
Senseonics, Germantown, MD

Peter Simpson, PhD
Dexcom, San Diego, California

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

16:15  Q & A

Session 10: Live Demonstration

16:30  Real-time CGM in active U.S Soldiers
Sammy Choi, MD
Womack Army Medical Center, Fort Bragg, North Carolina