

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**
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**

Alicia Warnock, MD, BS
Walter Reed NMMC, Bethesda, MD

Anant Nigamm 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 Pfützner, 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 | Children's Hospital Pediatrics Associates, 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**
- 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, MD, 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**

Friday, November 3, 2017

Session 2: Privacy for Diabetes Device

10:15 **Moderator**

10:20 **Panel Discussion**

Peter Blenkinsop
Drinker Biddle & Reath LLP, Washington, D. C

Cora Han
US Federal Trade Commission, Consumer Protection Bureau, Washington, D.C

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***

Friday, November 3, 2017

Session 4: Artificial Pancreas – Recent Innovations in Algorithms

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

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**

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**

Saturday, November 4, 2017

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 **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 **CGM Performances of Senseonics Devices**

Andy DeHennis
Senseonics, Germantown, MD

14:40 **Q & A**

15:00 **Break**

Saturday, November 4, 2017

Session 9: CGM

15:20 **Moderators**

John Pickup, BM, BCh, DPhil
King's College London School of Medicine, London, UK

15:25 **Panel Discussion**

CGM

Tim Dunn, PhD
Abbott Diabetes Care, Alameda, California

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

Robert Vigersky, MD
Medtronic, Washington, D.C

Peter Simpson, PhD
Dexcom, San Diego, California

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

16:30 **Q & A**

17:00 ***End of session/Break***