Stanford

David Maahs

Lucile Salter Packard Professor of Pediatrics and Professor, by courtesy, of Epidemiology and Population Health

Pediatrics - Endocrinology and Diabetes

NIH Biosketch available Online

CLINICAL OFFICE (PRIMARY)

- **Pediatric Endocrinology**

  300 Pasteur Dr Rm G313

  MC 5208

  Stanford, CA 94305

  Tel (650) 498-7351 **Fax** (650) 725-8375

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Chelsi Romero - Executive Assistant

  Email Rchelsi3@stanford.edu

  Tel 650-723-5104

Bio

BIO

Dr David M. Maahs is the Lucile Salter Packard Professor of Pediatrics, Division Chief of Pediatric Endocrinology, and Associate Chair for Academic Affairs in Pediatrics at Stanford University and the Lucile Packard Children's Hospital. He earned his MD followed by Pediatric Residency at the University of New Mexico. After 3 years on New Mexico's faculty, Dr. Maahs completed a Pediatric Endocrinology fellowship and a concurrent PhD in Epidemiology at the University of Colorado. He remained on Colorado's faculty for 10 years, advancing to Professor of Pediatrics before moving to Stanford. Prior to his medical career, Dr. Maahs received a BA and MA in English from the University of Kansas and was inspired to pursue a medical career after serving in the Peace Corps with assignments in Tunisia and the Central African Republic.

Dr. Maahs' leadership experiences include being a past co-Chair (2013-16) for Protocols and Publications with the Type 1 Diabetes Exchange for which he continues as Director of International Collaborations. This complements his role as President-elect for the International Society of Pediatric and Adolescent Diabetes (ISPAD, 2021-25) and Editor-in-Chief for the 2018 ISPAD Clinical Practice Consensus Guidelines. He served on the Professional Practice Committee for the American Diabetes Association (ADA, 2016-18), which writes the annual ADA Standards of Care. Previously, he served on the ADA Scientific Sessions committee representing the Council on Youth. He has also served on national committees for the American Heart Association, the Pediatric Endocrine Society, and multiple journal editorial boards and review committees.

His scholarly interest is improving care and preventing complications in people with type 1 diabetes (T1D). Along with Dr Peter Chase, he is author of the 12th and 13th editions of Understanding Diabetes, or 'Pink Panther,' which are the most widely used educational books for children newly diagnosed with T1D, distributed internationally by the Juvenile Diabetes Research Fund (JDRF). More specifically, he has conducted epidemiologic studies that help generate hypotheses for clinical studies, including trials to develop artificial pancreas systems to improve glucose control, lower disease burden, prevent the complications of diabetes, and reduce disparities in diabetes care. He is author or co-author of over 350 research publications. His multi-disciplinary research has been funded by the JDRF, the National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK), the Helmsley Charitable Trust, and the National Science Foundation (NSF).

Dr Maahs is Associate Director for the recently formed and NIDDK P30 funded Stanford University Diabetes Research Center (https://sdrc.stanford.edu). His collaborations extend to his role as Principal Investigator (PI) or steering committee member for NIH funded multi-center clinical trials including the FLEX, PERL, and ACTION studies as well as multiple Artificial Pancreas clinical trials. Education, mentorship, and training leadership includes being Program Director with Dr. Georgeanna Klingensmith on the Barbara Davis Center T32 and K12 training grants in Pediatric Endocrinology while at the University of Colorado. He is the PI on the Stanford NIH funded K12 "Training Research Leaders in Type 1 Diabetes.' Dr Maahs is also the Associate Chair for Academic Affairs for the Department of Pediatrics.

While in the Peace Corps, David met his wife, Christine Walravens, who is also a Pediatrician at Stanford. They enjoy outdoor activities and traveling with their adult children.

CLINICAL FOCUS

- Pediatric Endocrinology

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Pediatrics - Endocrinology and Diabetes
- Professor - University Medical Line (By courtesy), Epidemiology and Population Health
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Medicine Children’s Health Center for IBD and Celiac Disease

ADMINISTRATIVE APPOINTMENTS

- Associate Chair for Academic Affairs, Department of Pediatrics, Stanford University, (2021- present)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate Editor, Diabetes Technology and Therapeutics (2011 - 2013)
- Co-Chair for Protocols and Publications, Type 1 Diabetes Exchange (2013 - 2016)
- Steering Committee, Type 1 Diabetes Exchange (2013 - 2019)
- Editorial Board, Diabetes Technology and Therapeutics (2013 - 2020)
- Editor in Chief, ISPAD Guidelines 2018 (2016 - 2018)
- Secretary-General, International Society of Pediatric and Adolescent Diabetes (2016 - 2020)
- Faculty Fellow, Center for Innovation in Global Health, Stanford University (2016 - present)
- Associate Editor, Diabetic Medicine (2017 - 2019)
- Professional Practice Committee, American Diabetes Association (2017 - 2019)
- Editorial Board, Journal of Pediatrics (2017 - 2021)
- President elect, ISPAD (2021 - 2022)
- Associate Chair for Academic Affairs, Department of Pediatrics, Stanford University (2021 - present)
- President, International Society of Pediatric and Adolescent Diabetes (2022 - present)

PROFESSIONAL EDUCATION

- Medical Education: University of New Mexico School of Medicine (1997) NM
- PhD, University of Colorado , Analytic Health Sciences/Epidemiology (2010)
- MA, University of Kansas , English (1990)
- BA, University of Kansas , English (1988)
- Board Certification: Pediatric Endocrinology, American Board of Pediatrics (2007)
- Fellowship: University of Colorado Childrens Hospital (2006) CO

- Board Certification: Pediatrics, American Board of Pediatrics (2000)
- Residency: University of New Mexico Pediatric Residency (2000) NM

COMMUNITY AND INTERNATIONAL WORK

- International Society of Pediatric and Adolescent Diabetes (ISPAD)

LINKS

- Stanford Diabetes Research Center: https://sdrc.stanford.edu/

Research & Scholarship

CLINICAL TRIALS

- Teamwork, Targets, Technology, and Tight Control in Newly Diagnosed Pediatric T1D - 4T Study, Recruiting
- Remote Monitoring of Diabetes in Young Children With Type 1 Diabetes, Not Recruiting
- Study of Latiglutenase in T1D/CD Patients, Not Recruiting

Teaching

STANFORD ADVISEES

Master's Program Advisor

Kathryn Czepiel, Aesha Maniar

Publications

PUBLICATIONS

- **Disparities in Hemoglobin A1c Levels in the First Year After Diagnosis Among Youths With Type 1 Diabetes Offered Continuous Glucose Monitoring.** *JAMA network open*
  Addala, A., Ding, V., Zaharieva, D. P., Bishop, F. K., Adams, A. S., King, A. C., Johari, R., Scheinker, D., Hood, K. K., Desai, M., Maahs, D. M., Prahalad, P.
  2023; 6 (4): e238881
- **Teamwork, Targets, Technology, and Tight Control in Newly Diagnosed Type 1 Diabetes: Pilot 4T Study.** *The Journal of clinical endocrinology and metabolism*
  Prahalad, P., Ding, V. Y., Zaharieva, D. P., Addala, A., Johari, R., Scheinker, D., Desai, M., Hood, K., Maahs, D. M.
  2021
- **COVID-19 impacts and inequities among underserved communities with diabetes.** *Journal of clinical & translational endocrinology*
  Maizel, J. L., Haller, M. J., Maahs, D. M., Addala, A., Lal, R. A., Filipp, S. L., Gurka, M. J., Westen, S., Dixon, B. N., Figg, L., Hechavarria, M., Malden, K. G., Walker, et al
  2024; 36: 100337
- **Are we ready to screen for type 1 diabetes? A structured worldwide survey among healthcare providers involved in paediatric diabetes care.** *Diabetic medicine : a journal of the British Diabetic Association*
  Neuman, V., Piona, C., Cudizio, L., Drnkova, L., Sumnik, Z., Slavenko, M. G., Haller, M. J., Maahs, D. M., Chobot, A., ISPAD Jenious Group
  2024: e15329
- **A Machine Learning Model for Week-Ahead Hypoglycemia Prediction From Continuous Glucose Monitoring Data.** *Journal of diabetes science and technology*
  Giammarino, F., Senanayake, R., Prahalad, P., Maahs, D. M., Scheinker, D.
  2024: 19322968241236208
- **Removing Barriers, Bridging the Gap, and the Changing Role of the Health Care Professional with Automated Insulin Delivery Systems.** *Diabetes technology & therapeutics*
  Lingen, K., Maahs, D., Bellini, N., Isaacs, D.
  2024; 26 (S3): 45-52

- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Prahalad, P., Schweiger, D. S., Shalitin, S.
  2024; 26 (S1): S117-S140
- **Intersectional identities play a role in perceived discrimination for families living with type 1 diabetes.** *Diabetes research and clinical practice*
  Addala, A., Medina Penaranda, R., Naranjo, D., Maahs, D. M., Hood, K. K.
  2024: 111568
- **Demographic, Clinical, Management, and Outcome Characteristics of 8,004 Young Children With Type 1 Diabetes.** *Diabetes care*
  Sandy, J. L., Tittel, S. R., Rompicherla, S., Karges, B., James, S., Rioles, N., Zimmerman, A. G., Frohlich-Reiterer, E., Maahs, D. M., Lanzinger, S., Craig, M. E., Ebekozien, O., Australasian Diabetes Data Network (ADDN), et al
  2024
- **Smart Start - Designing Powerful Clinical Trials Using Pilot Study Data.** *NEJM evidence*
  Ferstad, J. O., Prahalad, P., Maahs, D. M., Zaharieva, D. P., Fox, E., Desai, M., Johari, R., Scheinker, D.
  2024; 3 (2): EVIDoa2300164
- **Pre-exercise protein intake is associated with reduced time in hypoglycaemia among adolescents with type 1 diabetes.** *Diabetes, obesity & metabolism*
  Muntis, F. R., Crandell, J. L., Evenson, K. R., Maahs, D. M., Seid, M., Shaikh, S. R., Smith-Ryan, A. E., Mayer-Davis, E.
  2024
- **Eating Behaviors and Estimated Body Fat Percentage Among Adolescents with Type 1 Diabetes.** *Diabetes research and clinical practice*
  Tran, T., Igudesman, D., Burger, K., Crandell, J., Maahs, D. M., Seid, M., Mayer-Davis, E. J.
  2023: 111070
- **"It changed everything we do": A mixed methods study of youth and parent experiences with a pilot exercise education intervention following new diagnosis of type 1 diabetes.** *Journal of diabetes and its complications*
  Tanenbaum, M. L., Addala, A., Hanes, S., Ritter, V., Bishop, F. K., Cortes, A. L., Pang, E., Hood, K. K., Maahs, D. M., Zaharieva, D. P.
  2023; 38 (1): 108651
- **Roadmap to Continuous Glucose Monitoring Adoption and Improved Outcomes in Endocrinology: The 4T (Teamwork, Targets, Technology, and Tight Control) Program.** *Diabetes spectrum : a publication of the American Diabetes Association*
  Prahalad, P., Maahs, D. M.
  2023; 36 (4): 299-305
- **Diabetic ketoacidosis (DKA) at diagnosis in youth with type 1 diabetes (T1D) is associated with a higher hemoglobin A1c even with intensive insulin management.** *Diabetes technology & therapeutics*
  Zaharieva, D. P., Ding, V., Addala, A., Prahalad, P., Bishop, F., Hood, K., Desai, M., Wilson, D. M., Buckingham, B. A., Maahs, D. M.
  2023
- **Longitudinal Trends in Glycemic Outcomes and Technology Use for Over 48,000 People with Type 1 Diabetes (2016-2022) from the T1D Exchange Quality Improvement Collaborative.** *Diabetes technology & therapeutics*
  Ebekozien, O., Mungmode, A., Sanchez, J., Rompicherla, S., Demeterco Berggren, C., Weinstock, R. S., Jacobsen, L., Davis, G. M., McKee, A. M., Akturk, H. K., Maahs, D. M., Kamboj, M. K.
  2023
- **Performance of GFR Estimating Equations in Young Adults.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Inker, L. A., Tighiouart, H., Adingwupu, O. M., Ng, D. K., Estrella, M. M., Maahs, D., Yang, W., Froissart, M., Mauer, M., Kalil, R., Torres, V., de Borst, M., Klintmalm, et al
  2023
- **Recruiting historically under-represented individuals into Project ECHO Diabetes: using barrier analysis to understand disparities in clinical research in the USA.** *BMJ open*
  Addala, A., Hechavarria, M., Figg, L., Roque, X., Filipp, S. L., Anez-Zabala, C., Lal, R., Gurka, M. J., Haller, M. J., Maahs, D. M., Walker, A. F.
  2023; 13 (8): e072546
- **Management of Neonatal Diabetes due to a KCNJ11 Mutation with Automated Insulin Delivery System and Remote Patient Monitoring.** *Case reports in endocrinology*
  Lee, M. Y., Gloyn, A. L., Maahs, D. M., Prahalad, P.
  2023; 2023: 8825724

- **Multisite Quality Improvement Program Within the Project ECHO Diabetes Remote Network.** *Joint Commission journal on quality and patient safety*
  Wang, C. J., Lewit, E. M., Clark, C. L., Lee, F. W., Maahs, D. M., Haller, M. J., Addala, A., Lal, R. A., Cuttriss, N., Baer, L. G., Figg, L. E., Anez-Zabala, C., Sheehan, et al
  2023
- **The Promising Success of Project Extension for Community Healthcare Outcomes (ECHO) Diabetes: Case Series.** *JMIR diabetes*
  Figg, L., Addala, A., Jain, I., Anez, C., Midney, P., DeChirico, C., Symanski, C., Fitzgerald, B. C., Colbert, K., Raymer, T., Stockton-Joreteg, C., Murphy, E., Collins, et al
  2023; 8: e46050
- **The evolving role of data & amp; safety monitoring boards for real-world clinical trials** *JOURNAL OF CLINICAL AND TRANSLATIONAL SCIENCE*
  Bunning, B. J., Hedlin, H., Chen, J. H., Ciolino, J. D., Ferstad, J., Fox, E., Garcia, A., Go, A., Johari, R., Lee, J., Maahs, D. M., Mahaffey, K. W., Opsahl-Ong, et al
  2023; 7 (1)
- **The evolving role of data & safety monitoring boards for real-world clinical trials.** *Journal of clinical and translational science*
  Bunning, B. J., Hedlin, H., Chen, J. H., Ciolino, J. D., Ferstad, J. O., Fox, E., Garcia, A., Go, A., Johari, R., Lee, J., Maahs, D. M., Mahaffey, K. W., Opsahl-Ong, et al
  2023; 7 (1): e179
- **A quantitative model to ensure capacity sufficient for timely access to care in a remote patient monitoring program.** *Endocrinology, diabetes & metabolism*
  Chang, A., Gao, M. Z., Ferstad, J. O., Dupenloup, P., Zaharieva, D. P., Maahs, D. M., Prahalad, P., Johari, R., Scheinker, D.
  2023: e435
- **An Overview of Diet and Physical Activity for Healthy Weight in Adolescents and Young Adults with Type 1 Diabetes: Lessons Learned from the ACT1ON Consortium.** *Nutrients*
  Bishop, F. K., Addala, A., Corbin, K. D., Muntis, F. R., Pratley, R. E., Riddell, M. C., Mayer-Davis, E. J., Maahs, D. M., Zaharieva, D. P.
  2023; 15 (11)
- **A High Protein Diet Is Associated with Improved Glycemic Control Following Exercise among Adolescents with Type 1 Diabetes.** *Nutrients*
  Muntis, F. R., Smith-Ryan, A. E., Crandell, J., Evenson, K. R., Maahs, D. M., Seid, M., Shaikh, S. R., Mayer-Davis, E. J.
  2023; 15 (8)
- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Prahalad, P., Schweiger, D. Š., Shalitin, S.
  2023; 25 (S1): S118-S145
- **Project ECHO Diabetes Cost Modeling to Support the Replication and Expansion of Tele-mentoring Programs in Non-research Settings.** *Diabetes therapy : research, treatment and education of diabetes and related disorders*
  Lewit, E. M., Figg, L. E., Addala, A., Filipp, S. L., Lal, R., Gurka, M. J., Herndon, J. B., Haller, M. J., Maahs, D. M., Walker, A. F.
  2023
- **The proteome and phosphoproteome of circulating extracellular vesicle-enriched preparations are associated with characteristic clinical features in type 1 diabetes.** *Frontiers in endocrinology*
  Casu, A., Nunez Lopez, Y. O., Yu, G., Clifford, C., Bilal, A., Petrilli, A. M., Cornnell, H., Carnero, E. A., Bhatheja, A., Corbin, K. D., Iliuk, A., Maahs, D. M., Pratley, et al
  2023; 14: 1219293
- **Associations of Dietary Intake with the Intestinal Microbiota and Short-Chain Fatty Acids Among Young Adults with Type 1 Diabetes and Overweight or Obesity.** *The Journal of nutrition*
  Igudesman, D., Crandell, J. L., Corbin, K. D., Hooper, J., Thomas, J. M., Bulik, C. M., Pence, B. W., Pratley, R. E., Kosorok, M. R., Maahs, D. M., Carroll, I. M., Mayer-Davis, E. J.
  2022
- **Continuous glucose monitoring and metrics for clinical trials: an international consensus statement.** *The lancet. Diabetes & endocrinology*
  Battelino, T., Alexander, C. M., Amiel, S. A., Arreaza-Rubin, G., Beck, R. W., Bergenstal, R. M., Buckingham, B. A., Carroll, J., Ceriello, A., Chow, E., Choudhary, P., Close, K., Danne, et al
  2022
- **ISPAD Clinical Practice Consensus Guidelines 2022: Glycemic targets and glucose monitoring for children, adolescents, and young people with diabetes.** *Pediatric diabetes*
  de Bock, M., Codner, E., Craig, M. E., Huynh, T., Maahs, D. M., Mahmud, F. H., Marcovecchio, L., DiMeglio, L. A.

2022; 23 (8): 1270-1276

- **Associations of disordered eating with the intestinal microbiota and short-chain fatty acids among young adults with type 1 diabetes.** *Nutrition, metabolism, and cardiovascular diseases : NMCD*

  Igudesman, D., Crandell, J., Corbin, K. D., Zaharieva, D. P., Addala, A., Thomas, J. M., Bulik, C. M., Pence, B. W., Pratley, R. E., Kosorok, M. R., Maahs, D. M., Carroll, I. M., Mayer-Davis, et al

  2022

- **A model to design financially sustainable algorithm-enabled remote patient monitoring for pediatric type 1 diabetes care.** *Frontiers in endocrinology*

  Dupenloup, P., Pei, R. L., Chang, A., Gao, M. Z., Prahalad, P., Johari, R., Schulman, K., Addala, A., Zaharieva, D. P., Maahs, D. M., Scheinker, D.

  2022; 13: 1021982

- **The Intestinal Microbiota and Short-Chain Fatty Acids in Association with Advanced Metrics of Glycemia and Adiposity Among Young Adults with Type 1 Diabetes and Overweight or Obesity.** *Current developments in nutrition*

  Igudesman, D., Crandell, J., Corbin, K. D., Muntis, F., Zaharieva, D. P., Casu, A., Thomas, J. M., Bulik, C. M., Carroll, I. M., Pence, B. W., Pratley, R. E., Kosorok, M. R., Maahs, et al

  2022; 6 (10): nzac107

- **Weight Management in Young Adults with Type 1 Diabetes: The Advancing Care for Type 1 Diabetes and Obesity Network Sequential Multiple Assignment Randomized Trial Pilot Results.** *Diabetes, obesity & metabolism*

  Igudesman, D., Crandell, J., Corbin, K. D., Zaharieva, D. P., Addala, A., Thomas, J. M., Casu, A., Kirkman, M. S., Pokaprakarn, T., Riddell, M. C., Burger, K., Pratley, R. E., Kosorok, et al

  2022

- **The COVID-19 Pandemic Affects Seasonality, With Increasing Cases of New-Onset Type 1 Diabetes in Children, From the Worldwide SWEET Registry.** *Diabetes care*

  Reschke, F., Lanzinger, S., Herczeg, V., Prahalad, P., Schiaffini, R., Mul, D., Clapin, H., Zabeen, B., Pelicand, J., Phillip, M., Limbert, C., Danne, T.

  2022

- **Consensus Recommendations for the Use of Automated Insulin Delivery (AID) Technologies in Clinical Practice.** *Endocrine reviews*

  Phillip, M., Nimri, R., Bergenstal, R. M., Barnard-Kelly, K., Danne, T., Hovorka, R., Kovatchev, B. P., Messer, L. H., Parkin, C. G., Ambler-Osborn, L., Amiel, S. A., Bally, L., Beck, et al

  2022

- **An Evaluation of Point-of-Care HbA1c, HbA1c Home Kits, and Glucose Management Indicator: Potential Solutions for Telehealth Glycemic Assessments.** *Diabetology*

  Zaharieva, D. P., Addala, A., Prahalad, P., Leverenz, B., Arrizon-Ruiz, N., Ding, V. Y., Desai, M., Karger, A. B., Maahs, D. M.

  2022; 3 (3): 494-501

- **Relationship Between Moderate-to-Vigorous Physical Activity and Glycemia Among Young Adults with Type 1 Diabetes and Overweight or Obesity: Results from the Advancing Care for Type 1 Diabetes and Obesity Network (ACT1ON) Study.** *Diabetes technology & therapeutics*

  Muntis, F. R., Igudesman, D., Cristello Sarteau, A., Thomas, J., Arrizon-Ruiz, N., Hooper, J., Addala, A., Crandell, J. L., Riddell, M. C., Maahs, D. M., Pratley, R. E., Corbin, K., Mayer-Davis, et al

  2022

- **Increased prevalence of cardiovascular risk factors in children and adolescents with type 1 diabetes and hypertension: The SWEET international database.** *Diabetes, obesity & metabolism*

  Vazeou, A., Tittel, S. R., Kordonouri, O., Birkebaek, N. H., Iotova, V., Piccini, B., Seget, S., Guness, P. K., Maahs, D. M., Stergiou, G. S.

  2022

- **Transatlantic Comparison of Pediatric Continuous Glucose Monitoring use in the DPV Initiative and T1D Exchange Quality Improvement Collaborative.** *Diabetes technology & therapeutics*

  DeSalvo, D. J., Lanzinger, S., Noor, N., Steigleder-Schweiger, C., Ebekozien, O., Sengbusch, S. v., Jones, N. Y., Laubner, K., Maahs, D. M., Holl, R. W.

  2022

- **Advancements and future directions in the teamwork, targets, technology, and tight control-the 4T study: improving clinical outcomes in newly diagnosed pediatric type 1 diabetes.** *Current opinion in pediatrics*

  Zaharieva, D. P., Bishop, F. K., Maahs, D. M., 4T study research team

  2022; 34 (4): 423-429

- **"Much more convenient, just as effective:" Experiences of starting continuous glucose monitoring remotely following Type 1 diabetes diagnosis.** *Diabetic medicine : a journal of the British Diabetic Association*

Tanenbaum, M. L., Zaharieva, D. P., Addala, A., Prahalad, P., Hooper, J. A., Leverenz, B., Cortes, A. L., Arrizon-Ruiz, N., Pang, E., Bishop, F., Maahs, D. M.
2022: e14923

- **Temporal changes in hemoglobin A1c and diabetes technology use in DPV, NPDA and T1DX pediatric cohorts from 2010 to 2018.** *Diabetes technology & therapeutics*
  Lal, R. A., Robinson, H., Lanzinger, S., Miller, K., Perez, S. P., Kovacic, R., Calhoun, P., Campbell, F., Naeke, A., Maahs, D. M., Holl, R. W., Warner, J.
  2022

- **More hypoglycemia not associated with increasing estimated adiposity in youth with type 1 diabetes.** *Pediatric research*
  Sarteau, A. C., Kahkoska, A. R., Crandell, J., Igudesman, D., Corbin, K. D., Kichler, J. C., Maahs, D. M., Muntis, F., Pratley, R., Seid, M., Zaharieva, D., Mayer-Davis, E.
  2022

- **Psychosocial Needs for Newly Diagnosed Youth with Type 1 Diabetes and Their Families.** *Current diabetes reports*
  Patton, S. R., Maahs, D., Prahalad, P., Clements, M. A.
  2022

- **Algorithm-Enabled, Personalized Glucose Management for Type 1 Diabetes at the Population Scale: Prospective Evaluation in Clinical Practice.** *JMIR diabetes*
  Scheinker, D., Gu, A., Grossman, J., Ward, A., Ayerdi, O., Miller, D., Leverenz, J., Hood, K., Lee, M. Y., Maahs, D. M., Prahalad, P.
  2022; 7 (2): e27284

- **A collaborative comparison of international pediatric diabetes registries.** *Pediatric diabetes*
  Lanzinger, S., Zimmermann, A., Ranjan, A. G., Gani, O., Pons Perez, S., Akesson, K., Majidi, S., Witsch, M., Hofer, S., Johnson, S., Pilgaard, K. A., Kummernes, S. J., Robinson, et al
  2022

- **A New Technology-Enabled Care Model for Pediatric Type 1 Diabetes.** *NEJM catalyst innovations in care delivery*
  Scheinker, D., Prahalad, P., Johari, R., Maahs, D. M., Majzun, R.
  2022; 3 (5)

- **The Importance of Office Blood Pressure Measurement Frequency and Methodology in Evaluating the Prevalence of Hypertension in Children and Adolescents With Type 1 Diabetes: The SWEET International Database.** *Diabetes care*
  Vazeou, A., Tittel, S. R., Birkebaek, N. H., Kordonouri, O., Iotova, V., Piccini, B., Saboo, B., Pundziute Lycka, A., Seget, S., Maahs, D. M., Stergiou, G.
  2022

- **Design of the advancing care for type 1 diabetes and obesity network energy metabolism and sequential multiple assignment randomized trial nutrition pilot studies: An integrated approach to develop weight management solutions for individuals with type 1 diabetes.** *Contemporary clinical trials*
  Corbin, K. D., Igudesman, D., Addala, A., Casu, A., Crandell, J., Kosorok, M. R., Maahs, D. M., Pokaprakarn, T., Pratley, R. E., Souris, K. J., Thomas, J., Zaharieva, D. P., Mayer-Davis, et al
  2022: 106765

- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Addala, A., Shalitin, S.
  2022; 24 (S1): S107-S128

- **Trends in Glycemic Control Among Youth and Young Adults With Diabetes: The SEARCH for Diabetes in Youth Study.** *Diabetes care*
  Malik, F. S., Sauder, K. A., Isom, S., Reboussin, B. A., Dabelea, D., Lawrence, J. M., Roberts, A., Mayer-Davis, E. J., Marcovina, S., Dolan, L., Igudesman, D., Pihoker, C., SEARCH for Diabetes in Youth Study:, et al
  1800

- **Overcoming Barriers to Diabetes Technology in Youth with Type 1 Diabetes and Public Insurance: Cases and Call to Action.** *Case reports in endocrinology*
  Lee, M. Y., Tanenbaum, M. L., Maahs, D. M., Prahalad, P.
  2022; 2022: 9911736

- **Adding glycemic and physical activity metrics to a multimodal algorithm-enabled decision-support tool for type 1 diabetes care: Keys to implementation and opportunities.** *Frontiers in endocrinology*
  Zaharieva, D. P., Senanayake, R., Brown, C., Watkins, B., Loving, G., Prahalad, P., Ferstad, J. O., Guestrin, C., Fox, E. B., Maahs, D. M., Scheinker, D.
  2022; 13: 1096325

- **Tele-education model for primary care providers to advance diabetes equity: Findings from Project ECHO Diabetes.** *Frontiers in endocrinology*

Addala, A., Filipp, S. L., Figg, L. E., Anez-Zabala, C., Lal, R. A., Gurka, M. J., Haller, M. J., Maahs, D. M., Walker, A. F., Project ECHO Diabetes Research Team, Haller, M., Sheehan, E., Bernier, A., et al

2022; 13: 1066521

- **Using Peer Power to Reduce Health Disparities: Implementation of a Diabetes Support Coach Program in Federally Qualified Health Centers.** *Diabetes spectrum : a publication of the American Diabetes Association*

  Walker, A. F., Addala, A., Sheehan, E., Lal, R., Haller, M., Cuttriss, N., Filipp, S., Baer, L., Gurka, M., Bernier, A., Figg, L., Westen, S., Hood, et al

  2022; 35 (3): 295-303

- **Closing Disparities in Pediatric Diabetes Telehealth Care: Lessons From Telehealth Necessity During the COVID-19 Pandemic.** *Clinical diabetes : a publication of the American Diabetes Association*

  Prahalad, P., Leverenz, B., Freeman, A., Grover, M., Shah, S., Conrad, B., Morris, C., Stafford, D., Lee, T., Pageler, N., Maahs, D. M.

  2022; 40 (2): 153-157

- **Response to Letter to the Editor from Justin M. Gregory: Age and Hospitalization Risk in People With Type 1 Diabetes and COVID-19: Data From the T1D Exchange Surveillance Study.** *The Journal of clinical endocrinology and metabolism*

  Demeterco-Berggren, C., Ebekozien, O., Levy, C. J., Maahs, D. M.

  2021

- **Renal Complications and Duration of Diabetes: An International Comparison in Persons with Type 1 Diabetes.** *Diabetes therapy : research, treatment and education of diabetes and related disorders*

  Dena, M., Svensson, A., Olofsson, K. E., Young, L., Carlson, A., Miller, K., Grimsmann, J., Welp, R., Mader, J. K., Maahs, D. M., Holl, R. W., Lind, M.

  2021

- **Automation of a multiplex agglutination-PCR (ADAP) type 1 diabetes (T1D) assay for the rapid analysis of islet autoantibodies.** *SLAS technology*

  Cortez, F. d., Gebhart, D., Tandel, D., Robinson, P. V., Seftel, D., Wilson, D. M., Maahs, D. M., Buckingham, B. A., Miller, K. W., Tsai, C.

  1800

- **Demographic Correlates of Short-Term Mortality Among Youth and Young Adults With Youth-Onset Diabetes Diagnosed From 2002 to 2015: The SEARCH for Diabetes in Youth Study.** *Diabetes care*

  Lawrence, J. M., Reynolds, K., Saydah, S. H., Mottl, A., Pihoker, C., Dabelea, D., Dolan, L., Henkin, L., Liese, A. D., Isom, S., Divers, J., Wagenknecht, L., SEARCH for Diabetes in Youth Study Group, et al

  2021

- **Changes in HbA1c between 2011-2017 in Germany/Austria, Sweden, and the United States: A Lifespan Perspective.** *Diabetes technology & therapeutics*

  Albanese-O'Neill, A., Grimsmann, J., Svensson, A., Miller, K. M., Raile, K., Akesson, K., Calhoun, P., Biesenbach, B., Eeg-Olofsson, K., Holl, R. W., Maahs, D. M., Hanas, R.

  2021

- **Ultra-Fast Insulin-Pramlintide Co-Formulation for Improved Glucose Management in Diabetic Rats.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*

  Maikawa, C. L., Chen, P. C., Vuong, E. T., Nguyen, L. T., Mann, J. L., d'Aquino, A. I., Lal, R. A., Maahs, D. M., Buckingham, B. A., Appel, E. A.

  2021: e2101575

- **Disparities in Hemoglobin A1c Testing During the Transition to Adulthood and Association With Diabetes Outcomes in Youth-Onset Type 1 and Type 2 Diabetes: The SEARCH for Diabetes in Youth Study.** *Diabetes care*

  Sauder, K. A., Stafford, J. M., Ehrlich, S., Lawrence, J. M., Liese, A. D., Marcovina, S., Mottl, A. K., Pihoker, C., Saydah, S., Shah, A. S., D'Agostino, R. B., Dabelea, D., SEARCH for Diabetes in Youth Study Group, et al

  2021

- **Population-level management of Type 1 diabetes via continuous glucose monitoring and algorithm-enabled patient prioritization: Precision health meets population health.** *Pediatric diabetes*

  Ferstad, J. O., Vallon, J. J., Jun, D., Gu, A., Vitko, A., Morales, D. P., Leverenz, J., Lee, M. Y., Leverenz, B., Vasilakis, C., Osmanlliu, E., Prahalad, P., Maahs, et al

  2021

- **50 Years Ago in TheJournalofPediatrics: Neonatal Hypoglycemia: Progress and Predicaments.** *The Journal of pediatrics*

  Ikle, J. M., Prince, L. S., Maahs, D. M.

  2021; 235: 82

- **Neonatal Hypoglycemia: Progress and Predicaments** *JOURNAL OF PEDIATRICS*

  Ikle, J. M., Prince, L. S., Maahs, D. M.

2021; 235: 82

- **Hemoglobin A1c Patterns of Youth With Type 1 Diabetes 10 Years Post Diagnosis From 3 Continents.** *Pediatrics*
  Sherr, J. L., Schwandt, A., Phelan, H., Clements, M. A., Holl, R. W., Benitez-Aguirre, P. Z., Miller, K. M., Woelfle, J., Dover, T., Maahs, D. M., Frohlich-Reiterer, E., Craig, M. E.
  2021

- **Engineering Insulin Cold Chain Resilience to Improve Global Access.** *Biomacromolecules*
  Maikawa, C. L., Mann, J. L., Kannan, A., Meis, C. M., Grosskopf, A. K., Ou, B. S., Autzen, A. A., Fuller, G. G., Maahs, D. M., Appel, E. A.
  2021

- **Democratizing type 1 diabetes specialty care in the primary care setting to reduce health disparities: project extension for community healthcare outcomes (ECHO) T1D.** *BMJ open diabetes research & care*
  Walker, A. F., Cuttriss, N., Haller, M. J., Hood, K. K., Gurka, M. J., Filipp, S. L., Anez-Zabala, C., Yabut, K., Roque, X., Wong, J. J., Baer, L., Figg, L., Bernier, et al
  2021; 9 (1)

- **Multi-Clinic Quality Improvement Initiative Increases Continuous Glucose Monitoring Use Among Adolescents and Young Adults With Type 1 Diabetes.** *Clinical diabetes : a publication of the American Diabetes Association*
  Prahalad, P., Ebekozien, O., Alonso, G. T., Clements, M., Corathers, S., DeSalvo, D., Desimone, M., Lee, J. M., Lorincz, I., McDonough, R., Majidi, S., Odugbesan, O., Obrynba, et al
  2021; 39 (3): 264-271

- **50 Years Ago in TheJournalofPediatrics: Progress in Pediatric Diabetes Prediction, Management, and Outcomes.** *The Journal of pediatrics*
  Ikle, J. M., Maahs, D. M.
  2021; 233: 131

- **Progress in Pediatric Diabetes Prediction, Management, and Outcomes** *JOURNAL OF PEDIATRICS*
  Ikle, J. M., Maahs, D. M.
  2021; 233: 131

- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Ekhlaspour, L., Shalitin, S.
  2021; 23 (S2): S113-S130

- **Improved individual and population-level HbA1c estimation using CGM data and patient characteristics.** *Journal of diabetes and its complications*
  Grossman, J., Ward, A., Crandell, J. L., Prahalad, P., Maahs, D. M., Scheinker, D.
  2021: 107950

- **Cognitive Function in Adolescents and Young Adults With Youth-Onset Type 1 Versus Type 2 Diabetes: The SEARCH for Diabetes in Youth Study.** *Diabetes care*
  Shapiro, A. L., Dabelea, D., Stafford, J. M., D'Agostino, R. J., Pihoker, C., Liese, A. D., Shah, A. S., Bellatorre, A., Lawrence, J. M., Henkin, L., Saydah, S., Wilkening, G., SEARCH for Diabetes in Youth Study Group, et al
  2021

- **Provider Implicit Bias Impacts Pediatric Type 1 Diabetes Technology Recommendations in the United States: Findings from The Gatekeeper Study.** *Journal of diabetes science and technology*
  Addala, A., Hanes, S., Naranjo, D., Maahs, D. M., Hood, K. K.
  2021: 19322968211006476

- **50 Years Ago in TheJournalofPediatrics: Advances in Neonatal Thyrotoxicosis.** *The Journal of pediatrics*
  Valenzuela Riveros, L. F., Maahs, D. M.
  2021; 231: 199

- **"IT'S LIKE LEARNING TO DRIVE A MANUAL CAR": EXPERIENCES OF CONTINUOUS GLUCOSE MONITORING ADOPTION IN ADULTS WITH TYPE 1 DIABETES**
  Wu, C. A., Tanenbaum, M. L., Ngo, J., Hood, K., Hanes, S., Basina, M., Buckingham, B. A., Maahs, D. M.
  OXFORD UNIV PRESS INC.2021: S27

- **Full closed loop open-source algorithm performance comparison in pigs with diabetes.** *Clinical and translational medicine*
  Lal, R. A., Maikawa, C. L., Lewis, D., Baker, S. W., Smith, A. A., Roth, G. A., Gale, E. C., Stapleton, L. M., Mann, J. L., Yu, A. C., Correa, S., Grosskopf, A. K., Liong, et al

2021; 11 (4): e387

- **Advances in Neonatal Thyrotoxicosis** *JOURNAL OF PEDIATRICS*
  Riveros, L., Maahs, D. M.
  2021; 231: 199-+
- **50 Years Ago in TheJournalofPediatrics: Association of Type 1 Diabetes Mellitus and Celiac Disease: Then and Now.** *The Journal of pediatrics*
  Ni, J., Khosla, C., Maahs, D. M.
  2021; 230: 70
- **Association of Type 1 Diabetes Mellitus and Celiac Disease: Then and Now** *JOURNAL OF PEDIATRICS*
  Ni, J., Khosla, C., Maahs, D. M.
  2021; 230: 70
- **The Evolution of Hemoglobin A1c Targets for Youth With Type 1 Diabetes: Rationale and Supporting Evidence.** *Diabetes care*
  Redondo, M. J., Libman, I., Maahs, D. M., Lyons, S. K., Saraco, M., Reusch, J., Rodriguez, H., DiMeglio, L. A.
  2021
- **Health-Related Quality of Life and Treatment Satisfaction in Parents and Children with Type 1 Diabetes Using Closed-Loop Control.** *Diabetes technology & therapeutics*
  Cobry, E., Kanapka, L., Cengiz, E., Carria, L., Ekhlaspour, L., Buckingham, B. A., Hood, K., Hsu, L. J., Messer, L., Schoelwer, M., Emory, E., Ruedy, K. J., Beck, et al
  2021
- **Predictors of Time-in-Range (70-180 mg/dL) Achieved Using a Closed-Loop Control System.** *Diabetes technology & therapeutics*
  Schoelwer, M. J., Kanapka, L. G., Wadwa, R. P., Breton, M. D., Ruedy, K. J., Ekhlaspour, L. n., Forlenza, G. P., Cobry, E. C., Messer, L. H., Cengiz, E. n., Jost, E. n., Carria, L. n., Emory, et al
  2021
- **Predicting Success with a First-Generation Hybrid Closed Loop Artificial Pancreas System among Children, Adolescents, and Young Adults with Type 1 Diabetes: a Model Development and Validation Study.** *Diabetes technology & therapeutics*
  Forlenza, G. P., Vigers, T., Berget, C., Messer, L., Lal, R. A., Basina, M., Maahs, D. M., Hood, K., Buckingham, B. A., Wilson, D. M., Wadwa, R. P., Driscoll, K. A., Pyle, et al
  2021
- **Age and Hospitalization Risk in People with Type 1 Diabetes and COVID-19: Data from the T1D Exchange Surveillance Study.** *The Journal of clinical endocrinology and metabolism*
  Demeterco-Berggren, C., Ebekozien, O., Rompicherla, S., Jacobsen, L., Accacha, S., Gallagher, M. P., Alonso, G. T., Seyoum, B., Vendrame, F., Haw, S., Basina, M., Levy, C. J., Maahs, et al
  2021
- **Help when you need it: Perspectives of adults with T1D on the support and training they would have wanted when starting CGM.** *Diabetes research and clinical practice*
  Tanenbaum, M. L., Messer, L. H., Wu, C. A., Basina, M., Buckingham, B. A., Hessler, D., Mulvaney, S. A., Maahs, D. M., Hood, K. K.
  2021: 109048
- **Diabetes Technology Use for Management of Type 1 Diabetes Is Associated With Fewer Adverse COVID-19 Outcomes: Findings From the T1D Exchange COVID-19 Surveillance Registry.** *Diabetes care*
  Noor, N., Ebekozien, O., Levin, L., Stone, S., Sparling, D. P., Rapaport, R., Maahs, D. M.
  2021; 44 (8): e160-e162
- **Clinically serious hypoglycemia is rare and not associated with time-in-range in youth with new-onset type 1 diabetes.** *The Journal of clinical endocrinology and metabolism*
  Addala, A., Zaharieva, D. P., Gu, A. J., Prahalad, P., Scheinker, D., Buckingham, B., Hood, K. K., Maahs, D. M.
  2021
- **ONBOARD: A feasibility study of a telehealth-based continuous glucose monitoring adoption intervention for adults with type 1 diabetes.** *Diabetes technology & therapeutics*
  Tanenbaum, M., Ngo, J., Hanes, S., Basina, M., Buckingham, B. A., Hessler, D., Maahs, D. M., Mulvaney, S. A., Hood, K.
  2021

- **Barriers to Technology Use and Endocrinology Care for Underserved Communities With Type 1 Diabetes.** *Diabetes care*
  Walker, A. F., Hood, K. K., Gurka, M. J., Filipp, S. L., Anez-Zabala, C. n., Cuttriss, N. n., Haller, M. J., Roque, X. n., Naranjo, D. n., Aulisio, G. n., Addala, A. n., Konopack, J. n., Westen, et al
  2021
- **Comment on Gregory et al. COVID-19 Severity Is Tripled in the Diabetes Community: A Prospective Analysis of the Pandemic's Impact in Type 1 and Type 2 Diabetes. Diabetes Care 2021;44:526-532.** *Diabetes care*
  Maahs, D. M., Alonso, G. T., Gallagher, M. P., Ebekozien, O.
  2021; 44 (5): e102
- **"I was ready for it at the beginning": Parent experiences with early introduction of continuous glucose monitoring following their child's Type 1 diabetes diagnosis.** *Diabetic medicine : a journal of the British Diabetic Association*
  Tanenbaum, M. L., Zaharieva, D. P., Addala, A. n., Ngo, J. n., Prahalad, P. n., Leverenz, B. n., New, C. n., Maahs, D. M., Hood, K. K.
  2021: e14567
- **Children and youth with diabetes are not at increased risk for hospitalization due to COVID-19.** *Pediatric diabetes*
  Cardona-Hernandez, R., Cherubini, V., Iafusco, D., Schiaffini, R., Luo, X., Maahs, D. M.
  2020
- **Multimethod, multidataset analysis reveals paradoxical relationships between sociodemographic factors, Hispanic ethnicity and diabetes.** *BMJ open diabetes research & care*
  Knight, G. M., Spencer-Bonilla, G., Maahs, D. M., Blum, M. R., Valencia, A., Zuma, B. Z., Prahalad, P., Sarraju, A., Rodriguez, F., Scheinker, D.
  2020; 8 (2)
- **Weight Management in Youth with Type 1 Diabetes and Obesity: Challenges and Possible Solutions.** *Current obesity reports*
  Zaharieva, D. P., Addala, A., Simmons, K. M., Maahs, D. M.
  2020
- **A Decade of Disparities in Diabetes Technology Use and HbA1c in Pediatric Type 1 Diabetes: A Transatlantic Comparison.** *Diabetes care*
  Addala, A., Auzanneau, M., Miller, K., Maier, W., Foster, N., Kapellen, T., Walker, A., Rosenbauer, J., Maahs, D. M., Holl, R. W.
  2020
- **COVID-19 and Children With Diabetes-Updates, Unknowns, and Next Steps: First, Do No Extrapolation.** *Diabetes care*
  DiMeglio, L. A., Albanese-O'Neill, A., Munoz, C. E., Maahs, D. M.
  2020
- **A Randomized Trial of Closed-Loop Control in Children with Type 1 Diabetes.** *The New England journal of medicine*
  Breton, M. D., Kanapka, L. G., Beck, R. W., Ekhlaspour, L., Forlenza, G. P., Cengiz, E., Schoelwer, M., Ruedy, K. J., Jost, E., Carria, L., Emory, E., Hsu, L. J., Oliveri, et al
  2020; 383 (9): 836–45
- **Characterization of Youth Goal Settingin the Self-Management of Type 1 Diabetes and Associations with HbA1c - The Flexible Lifestyle Empowering Change (FLEX) Trial.** *Pediatric diabetes*
  Cristello Sarteau, A., Crandell, J., Seid, M., Kichler, J. C., Maahs, D. M., Wang, J., Mayer-Davis, E.
  2020
- **50 Years Ago in TheJournalofPediatrics: Change in Growth Hormone with Obesity: More Consequence Than Cause, Although Questions Remain.** *The Journal of pediatrics*
  Corcoran, C., Stafford, D. E., Maahs, D. M.
  2020; 223: 99
- **Type 1 Diabetes Mellitus and the Presence of Other Autoimmune Disease** *JOURNAL OF PEDIATRICS*
  Seeley, H. H., Maahs, D. M.
  2020; 223: 19-+
- **Change in Growth Hormone with Obesity: More Consequence Than Cause, Although Questions Remain** *JOURNAL OF PEDIATRICS*
  Corcoran, C., Stafford, D. J., Maahs, D. M.
  2020; 223: 99-+
- **Markers of Cholesterol Synthesis are Elevated in Adolescents and Young Adults with Type 2 Diabetes.** *Pediatric diabetes*

Semova, I., Levenson, A. E., Krawczyk, J., Bullock, K., Williams, K. A., Wadwa, R. P., Khoury, P. R., Kimball, T. R., Urbina, E. M., de Ferranti, S. D., Maahs, D. M., Dolan, L. M., Shah, et al
2020

- **50 Years Ago in TheJournalofPediatrics: Type 1 Diabetes Mellitus and the Presence of Other Autoimmune Disease.** *The Journal of pediatrics*
  Seeley, H. H., Maahs, D. M.
  2020; 223: 19
- **Uninterrupted Continuous Glucose Monitoring Access is Associated with a Decrease in HbA1c in Youth with Type 1 Diabetes and Public Insurance.** *Pediatric diabetes*
  Addala, A., Maahs, D. M., Scheinker, D., Chertow, S., Leverenz, B., Prahalad, P.
  2020
- **The Neighborhood Deprivation Index and Provider Geocoding Identify Critical Catchment Areas for Diabetes Outreach.** *The Journal of clinical endocrinology and metabolism*
  Walker, A. F., Hu, H., Cuttriss, N., Anez-Zabala, C., Yabut, K., Haller, M. J., Maahs, D. M.
  2020
- **Understanding adolescent and parent acceptability and feasibility experience in a large Type 1 diabetes mellitus behavioural trial** *DIABETIC MEDICINE*
  Grossoehme, D. H., Smith, E., Standiford, D., Morwessel, N., Kichler, J., Maahs, D. M., Driscoll, K., Seid, M.
  2020; 37 (7): 1134-1145
- **Advances in Diagnosis and Treatment of Pseudovitamin D Deficiency Rickets** *JOURNAL OF PEDIATRICS*
  Grover, M., Maahs, D. M.
  2020; 221: 200
- **The Association between Time-in-Range, Mean Glucose, and Incidence of Hypoglycemia in Youth with Newly Diagnosed T1D**
  Gu, A., Prahalad, P., Maahs, D. M., Addala, A., Scheinker, D.
  AMER DIABETES ASSOC.2020
- **A Telemedicine-CGM Recommendation System for Personalized Population Health Management**
  Vallon, J., Ward, A. T., Prahalad, P., Hood, K. K., Maahs, D. M., Scheinker, D.
  AMER DIABETES ASSOC.2020
- **Early Introduction of Continuous Glucose Monitoring Is Well Accepted by Youth and Parents**
  Addala, A., Hanes, S., Zaharieva, D., New, C., Prahalad, P., Maahs, D. M., Hood, K. K., Tanenbaum, M. L.
  AMER DIABETES ASSOC.2020
- **Newly Diagnosed Pediatric Patients with Type 1 Diabetes Show Steady Decline in Glucose Time-in-Range (TIR) over 1 Year: Pilot Study**
  Zaharieva, D., Prahalad, P., Addala, A., Scheinker, D., Desai, M., Hood, K. K., Leverenz, B., Maahs, D. M.
  AMER DIABETES ASSOC.2020
- **Early CGM Initiation Improves HbA1c in T1D Youth over the First 15 Months**
  Prahalad, P., Ding, V., Addala, A., New, C., Conrad, B. P., Chmielewski, A., Geels, E., Leverenz, J., Martinez-Singh, A., Sagan, P., Senaldi, J., Freeman, A., Scheinker, et al
  AMER DIABETES ASSOC.2020
- **Clinically Significant Hypoglycemia Is Rare in Youth with T1D during Partial Clinical Remission**
  Addala, A., Gu, A., Zaharieva, D., Prahalad, P., Buckingham, B. A., Scheinker, D., Maahs, D. M.
  AMER DIABETES ASSOC.2020
- **Enhancing Resources for Healthcare Professionals Caring for People on Intensive Insulin Therapy: Summary from a National Workshop.** *Diabetes research and clinical practice*
  Levine, B. J., Close, K. L., Dalton, D., Lackner, J. B., Marathe, P. H., McDermott, J. M., Stang, B., TumSuden, K., Yovic, S., Maahs, D. M., Oser, S. M.
  2020: 108169
- **Estimating Dynamic Treatment Regimes in Mobile Health Using V-learning.** *Journal of the American Statistical Association*
  Luckett, D. J., Laber, E. B., Kahkoska, A. R., Maahs, D. M., Mayer-Davis, E., Kosorok, M. R.
  2020; 115 (530): 692-706

- **International benchmarking in type 1 diabetes: Large difference in childhood HbA1c between 8 high-income countries but similar rise during adolescence-A quality registry study.** *Pediatric diabetes*

  Anderzen, J., Hermann, J. M., Samuelsson, U., Charalampopoulos, D., Svensson, J., Skrivarhaug, T., Frohlich-Reiterer, E., Maahs, D. M., Akesson, K., Kapellen, T., Fritsch, M., Birkebaek, N. H., Drivvoll, et al

  2020

- **Trust in hybrid closed loop among people with diabetes: Perspectives of experienced system users** *JOURNAL OF HEALTH PSYCHOLOGY*

  Tanenbaum, M. L., Iturralde, E., Hanes, S. J., Suttiratana, S. C., Ambrosino, J. M., Ly, T. T., Maahs, D. M., Naranjo, D., Walders-Abramson, N., Weinzimer, S. A., Buckingham, B. A., Hood, K. K.

  2020; 25 (4): 429–38

- **The Achilles Reflex Time in Thyroid Disorders** *JOURNAL OF PEDIATRICS*

  Lee, M., Maahs, D. M.

  2020; 217: 78

- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*

  Maahs, D. M., Shalitin, S.

  2020; 22 (S1): S89–S108

- **50 Years Ago in TheJournal ofPediatrics: The Achilles Reflex Time in Thyroid Disorders.** *The Journal of pediatrics*

  Lee, M. Y., Maahs, D. M.

  2020; 217: 78

- **HbA1c Levels in Type 1 Diabetes from Early Childhood to Older Adults: A Deeper Dive into the influence of technology and socio-economic status on HbA1c in the T1D Exchange Clinic Registry Findings.** *Diabetes technology & therapeutics*

  Miller, K. M., Beck, R. W., Foster, N. C., Maahs, D. M.

  2020

- **Longitudinal Changes in Continuous Glucose Monitoring Use Among Individuals With Type 1 Diabetes: International Comparison in the German and Austrian DPV and U.S. T1D Exchange Registries.** *Diabetes care*

  Miller, K. M., Hermann, J., Foster, N., Hofer, S. E., Rickels, M. R., Danne, T., Clements, M. A., Lilienthal, E., Maahs, D. M., Holl, R. W., T1D Exchange and DPV Registries, Weinstock, R., Izquierdo, R., et al

  2020; 43 (1): e1–e2

- **Sensitive detection of multiple islet autoantibodies in type 1 diabetes using small sample volumes by agglutination-PCR.** *PloS one*

  Cortez, F. d., Gebhart, D., Robinson, P. V., Seftel, D., Pourmandi, N., Owyoung, J., Bertozzi, C. R., Wilson, D. M., Maahs, D. M., Buckingham, B. A., Mills, J. R., Roforth, M. M., Pittock, et al

  2020; 15 (11): e0242049

- **Glucose Control During Physical Activity and Exercise Using Closed Loop Technology in Adults and Adolescents with Type 1 Diabetes.** *Canadian journal of diabetes*

  Zaharieva, D. P., Messer, L. H., Paldus, B. n., O'Neal, D. N., Maahs, D. M., Riddell, M. C.

  2020

- **Dietary intake on days with and without hypoglycemia in youth with type 1 diabetes: The Flexible Lifestyle Empowering Change trial.** *Pediatric diabetes*

  Igudesman, D. n., Crandell, J. n., Zhong, V. W., Cristello Sarteau, A. n., Kahkoska, A. R., Corbin, K. n., Pratley, R. n., Kosorok, M. R., Maahs, D. M., Mayer-Davis, E. J.

  2020

- **Improving Clinical Outcomes in Newly Diagnosed Pediatric Type 1 Diabetes: Teamwork, Targets, Technology, and Tight Control-The 4T Study.** *Frontiers in endocrinology*

  Prahalad, P. n., Zaharieva, D. P., Addala, A. n., New, C. n., Scheinker, D. n., Desai, M. n., Hood, K. K., Maahs, D. M.

  2020; 11: 360

- **Tele-rounds and Case-Based Training: Project ECHO Telementoring Model Applied to Complex Diabetes Care.** *Pediatric clinics of North America*

  Cuttriss, N. n., Bouchonville, M. F., Maahs, D. M., Walker, A. F.

  2020; 67 (4): 759–72

- **Serum Urate Lowering with Allopurinol and Kidney Function in Type 1 Diabetes.** *The New England journal of medicine*

  Doria, A. n., Galecki, A. T., Spino, C. n., Pop-Busui, R. n., Cherney, D. Z., Lingvay, I. n., Parsa, A. n., Rossing, P. n., Sigal, R. J., Afkarian, M. n., Aronson, R. n., Caramori, M. L., Crandall, et al

2020; 382 (26): 2493–2503

- **Unintended Consequences of COVID-19: Remember General Pediatrics.** *The Journal of pediatrics*
  Cherubini, V. n., Gohil, A. n., Addala, A. n., Zanfardino, A. n., Iafusco, D. n., Hannon, T. n., Maahs, D. M.
  2020

- **50 Years Ago in TheJournalofPediatrics: Advances in Diagnosis and Treatment of Pseudovitamin D Deficiency Rickets.** *The Journal of pediatrics*
  Grover, M. n., Maahs, D. M.
  2020; 221: 200

- **A co-formulation of supramolecularly stabilized insulin and pramlintide enhances mealtime glucagon suppression in diabetic pigs.** *Nature biomedical engineering*
  Maikawa, C. L., Smith, A. A., Zou, L. n., Roth, G. A., Gale, E. C., Stapleton, L. M., Baker, S. W., Mann, J. L., Yu, A. C., Correa, S. n., Grosskopf, A. K., Liong, C. S., Meis, et al
  2020

- **Undertreatment of Cardiovascular Risk factors in the Type 1 Diabetes Exchange Clinic Network (USA) and the Prospective Diabetes Follow-up (Germany/Austria) Registries.** *Diabetes, obesity & metabolism*
  Shah, V. N., Grimsmann, J. M., Foster, N. n., Dost, A. n., Miller, K. n., Pavel, M. n., Weinstock, R. S., Karges, W. n., Maahs, D. M., Holl, R. W.
  2020

- **Primary Care Providers in California and Florida Report Low Confidence in Providing Type 1 Diabetes Care.** *Clinical diabetes : a publication of the American Diabetes Association*
  Lal, R. A., Cuttriss, N. n., Haller, M. J., Yabut, K. n., Anez-Zabala, C. n., Hood, K. K., Sheehan, E. n., Basina, M. n., Bernier, A. n., Baer, L. G., Filipp, S. L., Wang, C. J., Town, et al
  2020; 38 (2): 159–65

- **THE GUIDED TRANSFER OF CARE IMPROVES ADULT CLINIC SHOW RATE.** *Endocrine practice : official journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists*
  Lal, R. A., Maahs, D. M., Dosiou, C. n., Aye, T. n., Basina, M. n.
  2020

- **Longitudinal trajectories of BMI z-score: an international comparison of 11,513 Australian, American and German/Austrian/Luxembourgian youth with type 1 diabetes.** *Pediatric obesity*
  Phelan, H., Foster, N. C., Schwandt, A., Couper, J. J., Willi, S., Kroschwald, P., Jones, T. W., Wu, M., Steigleder-Schweiger, C., Craig, M. E., Maahs, D. M., Prinz, N., Australasian Diabetes Data Network (ADDN) Study Group, et al
  2019: e12582

- **Idiopathic Hypoglycemia: A Study of Twenty-Six Children** *JOURNAL OF PEDIATRICS*
  Lee, M., Maahs, D. M.
  2019; 214: 70

- **Type 1 diabetes is associated with an increase in cholesterol absorption markers but a decrease in cholesterol synthesis markers in ayoung adult population.** *Journal of clinical lipidology*
  Semova, I., Levenson, A. E., Krawczyk, J., Bullock, K., Williams, K. A., Wadwa, R. P., Shah, A. S., Khoury, P. R., Kimball, T. R., Urbina, E. M., de Ferranti, S. D., Bishop, F. K., Maahs, et al
  2019

- **Closed loop control in adolescents and children during winter sports: Use of the Tandem Control-IQ AP system** *PEDIATRIC DIABETES*
  Ekhlaspour, L., Forlenza, G. P., Chernavvsky, D., Maahs, D. M., Wadwa, R., Deboer, M. D., Messer, L. H., Town, M., Pinnata, J., Kruse, G., Kovatchev, B. P., Buckingham, B. A., Breton, et al
  2019; 20 (6): 759–68

- **Hypoglycemia in children with T1D: Past, Present, and Future**
  Maahs, D.
  KARGER.2019: 5

- **Elevated Copeptin, Arterial Stiffness and Elevated Albumin Excretion in Adolescents with Type 1 Diabetes.** *Pediatric diabetes*
  Wiromrat, P., Bjornstad, P., Vinovskis, C., Chung, L. T., Roncal, C., Pyle, L., Lanaspa, M. A., Johnson, R. J., Cherney, D. Z., Reznick-Lipina, T. K., Bishop, F., Maahs, D. M., Wadwa, et al
  2019

- **Optimizing Basal Insulin Dosing.** *The Journal of pediatrics*
  Lal, R. A., Maahs, D. M.
  2019
- **Identification of clinically relevant dysglycemia phenotypes based on continuous glucose monitoring data from youth with type 1 diabetes and elevated hemoglobin A1c** *PEDIATRIC DIABETES*
  Kahkoska, A. R., Adair, L. A., Aiello, A. E., Burger, K. S., Buse, J. B., Crandell, J., Maahs, D. M., Nguyen, C. T., Kosorok, M. R., Mayer-Davis, E. J.
  2019; 20 (5): 556–66
- **Preventing Early Renal Loss in Diabetes (PERL) Study: A Randomized Double-Blinded Trial of Allopurinol-Rationale, Design, and Baseline Data** *DIABETES CARE*
  Afkarian, M., Polsky, S., Parsa, A., Aronson, R., Caramori, M., Cherney, D. Z., Crandall, J. P., de Boer, I. H., Elliott, T. G., Galecki, A. T., Goldfine, A. B., Haw, J., Hirsch, et al
  2019; 42 (8): 1454–63
- **Burden of Cardiovascular Risk Factors Over Time and Arterial Stiffness in Youth With Type 1 Diabetes Mellitus: The SEARCH for Diabetes in Youth Study** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
  Urbina, E. M., Isom, S., Bell, R. A., Bowlby, D. A., D'Agostino, R., Daniels, S. R., Dolan, L. M., Imperatore, G., Marcovina, S. M., Merchant, A. T., Reynolds, K., Shah, A. S., Wadwa, et al
  2019; 8 (13): e010150
- **670G Clinical Experience**
  Lal, R., Basina, M., Maahs, D. M., Buckingham, B. A., Hood, K. K., Conrad, B. P., Leverenz, J., Chmielewski, A., Peterson, K., Wilson, D.
  AMER DIABETES ASSOC.2019
- **Personalized Diabetes Management Using Data from Continuous Glucose Monitors**
  Miller, D. R., Ward, A. T., Maahs, D. M., Scheinker, D.
  AMER DIABETES ASSOC.2019
- **The Guided Transition of Care**
  Lal, R., Maahs, D. M., Dosiou, C., Aye, T., Basina, M.
  AMER DIABETES ASSOC.2019
- **Using Patient Reported Outcomes in Diabetes Research and Practice: Recommendations from a National Workshop.** *Diabetes research and clinical practice*
  Marrero, D. G., Hilliard, M. E., Maahs, D. M., McAuliffe-Fogarty, A. H., Hunter, C. M.
  2019
- **Disordered Eating Behaviors in Youth and Young Adults With Type 1 or Type 2 Diabetes Receiving Insulin Therapy: The SEARCH for Diabetes in Youth Study** *DIABETES CARE*
  Nip, A. Y., Reboussin, B. A., Dabelea, D., Bellatorre, A., Mayer-Davis, E. J., Kahkoska, A. R., Lawrence, J. M., Peterson, C. M., Dolan, L., Pihoker, C.
  2019; 42 (5): 859–66
- **Estimating Dynamic Treatment Regimes in Mobile Health Using V-Learning** *JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION*
  Luckett, D. J., Laber, E. B., Kahkoska, A. R., Maahs, D. M., Mayer-Davis, E., Kosorok, M. R.
  2019
- **Identification of clinically-relevant dysglycemia phenotypes based on continuous glucose monitoring data from youth with type 1 diabetes and elevated hemoglobin A1c.** *Pediatric diabetes*
  Kahkoska, A. R., Adair, L. A., Aiello, A. E., Burger, K. S., Buse, J. B., Crandell, J., Maahs, D. M., Nguyen, C. T., Kosorok, M. R., Mayer-Davis, E. J.
  2019
- **Cortisol Secretion in Acidotic and Nonacidotic Juvenile Diabetes Mellitus** *JOURNAL OF PEDIATRICS*
  Cooper, H. C., Maahs, D. M.
  2019; 207: 175-+
- **Genetic Determinants of Glycated Hemoglobin in Type 1 Diabetes** *DIABETES*
  Syreeni, A., Sandholm, N., Cao, J., Toppila, I., Maahs, D. M., Rewers, M. J., Snell-Bergeon, J. K., Costacou, T., Orchard, T. J., Caramori, M., Mauer, M., Klein, B. K., Klein, et al
  2019; 68 (4): 858–67

- **50 Years Ago in The Journal of Pediatrics: Gluconeogenesis and Insulin in the Ketotic Variety of Childhood Hypoglycemia and in Control Children.** *The Journal of pediatrics*
  Addala, A., Maahs, D. M.
  2019; 207: 122
- **50 Years Ago in The Journal of Pediatrics: Cortisol Secretion in Acidotic and Nonacidotic Juvenile Diabetes Mellitus.** *The Journal of pediatrics*
  Cooper, H. C., Maahs, D. M.
  2019; 207: 175
- **Gluconeogenesis and Insulin in the Ketotic Variety of Childhood Hypoglycemia and in Control Children** *JOURNAL OF PEDIATRICS*
  Addala, A., Maahs, D. M.
  2019; 207: 122
- **Successful At-Home Use of the Tandem Control-IQ Artificial Pancreas System in Young Children During a Randomized Controlled Trial.** *Diabetes technology & therapeutics*
  Forlenza, G. P., Ekhlaspour, L., Breton, M., Maahs, D. M., Wadwa, R. P., DeBoer, M., Messer, L. H., Town, M., Pinnata, J., Kruse, G., Buckingham, B. A., Chernavvsky, D.
  2019
- **Successful At-Home Use of the Tandem Control-IQ Artificial Pancreas System in Young Children During a Randomized Controlled Trial** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Forlenza, G. P., Ekhlaspour, L., Breton, M., Maahs, D. M., Wadwa, R., DeBoer, M., Messer, L. H., Town, M., Pinnata, J., Kruse, G., Buckingham, B. A., Chernavvsky, D.
  2019; 21 (4): 159–69
- **Dysglycemia among youth with type 1 diabetes and suboptimal glycemic control in the Flexible Lifestyle Empowering Change trial** *PEDIATRIC DIABETES*
  Kahkoska, A. R., Crandell, J., Driscoll, K. A., Kichler, J. C., Seid, M., Mayer-Davis, E. J., Maahs, D. M.
  2019; 20 (2): 180–88
- **50 Years Ago in The Journal of Pediatrics: The Effect of Arginine Infusion on Plasma Growth Hormone and Insulin in Children.** *The Journal of pediatrics*
  Zegarra, W., Rosenfeld, R., Maahs, D. M.
  2019; 205: 217
- **State of Type 1 Diabetes Management and Outcomes from the T1D Exchange in 2016-2018** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Foster, N. C., Beck, R. W., Miller, K. M., Clements, M. A., Rickels, M. R., DiMeglio, L. A., Maahs, D. M., Tamborlane, W. V., Bergenstal, R., Smith, E., Olson, B. A., Garg, S. K., T1D Exchange Clinic Network
  2019; 21 (2): 66–72
- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Lal, R., Shalitin, S.
  2019; 21 (S1): S123–S137
- **The Effect of Arginine Infusion on Plasma Growth Hormone and Insulin in Children** *JOURNAL OF PEDIATRICS*
  Zegarra, W., Rosenfeld, R., Maahs, D. M.
  2019; 205: 217
- **Identical and Nonidentical Twins: Risk and Factors Involved in Development of Islet Autoimmunity and Type 1 Diabetes** *DIABETES CARE*
  Triolo, T. M., Fouts, A., Pyle, L., Yu, L., Gottlieb, P. A., Steck, A. K., Greenbaum, C. J., Atkinson, M., Baidal, D., Battaglia, M., Becker, D., Bingley, P., Bosi, et al
  2019; 42 (2): 192–99
- **Genetic Determinants of Glycated Hemoglobin in Type 1 Diabetes.** *Diabetes*
  Syreeni, A., Sandholm, N., Cao, J., Toppila, I., Maahs, D. M., Rewers, M. J., Snell-Bergeon, J. K., Costacou, T., Orchard, T. J., Caramori, M. L., Mauer, M., Klein, B. E., Klein, et al
  2019
- **State of Type 1 Diabetes Management and Outcomes from the T1D Exchange in 2016-2018.** *Diabetes technology & therapeutics*
  Foster, N. C., Beck, R. W., Miller, K. M., Clements, M. A., Rickels, M. R., DiMeglio, L. A., Maahs, D. M., Tamborlane, W. V., Bergenstal, R., Smith, E., Olson, B. A., Garg, S. K.
  2019

- **Closed Loop Control in Adolescents and Children During Winter Sports: Use of the Tandem Control-IQ AP System.** *Pediatric diabetes*
  Ekhlaspour, L. n., Forlenza, G. P., Chernavvsky, D. n., Maahs, D. M., Wadwa, R. P., DeBoer, M. D., Messer, L. H., Town, M. n., Pinnata, J. n., Kruse, G. n., Kovatchev, B. P., Buckingham, B. A., Breton, et al
  2019
- **Models, Devices, Properties, and Verification of Artificial Pancreas Systems**
  Kushner, T., Bequette, B., Cameron, F., Forlenza, G., Maahs, D., Sankaranarayanan, S., Lio, P., Zuliani, P.
  SPRINGER INTERNATIONAL PUBLISHING AG.2019: 93–131
- **50 Years Ago in TheJournal ofPediatrics: Idiopathic Hypoglycemia: A Study of Twenty-Six Children.** *The Journal of pediatrics*
  Lee, M. Y., Maahs, D. M.
  2019; 214: 70
- **Artificial pancreas in pediatrics** *ARTIFICIAL PANCREAS: CURRENT SITUATION AND FUTURE DIRECTIONS*
  Forlenza, G. P., Messer, L. H., Maahs, D. M., Chernavvsky, D. R., SanchezPena, R. S., Chernavvsky, D. R.
  2019: 237–59
- **The Transatlantic HbA1c gap: differences in glycaemic control across the life-span between the US T1D Exchange and German/Austrian DPV registries.** *Diabetic medicine : a journal of the British Diabetic Association*
  Hermann, J. M., Miller, K. M., Hofer, S. E., Clements, M. A., Karges, W. n., Foster, N. C., Fröhlich-Reiterer, E. n., Rickels, M. R., Rosenbauer, J. n., DeSalvo, D. J., Holl, R. W., Maahs, D. M.
  2019
- **CGM Initiation Soon After Type 1 Diabetes Diagnosis Results in Sustained CGM Use and Wear Time.** *Diabetes care*
  Prahalad, P. n., Addala, A. n., Scheinker, D. n., Hood, K. K., Maahs, D. M.
  2019
- **One Year Clinical Experience of the First Commercial Hybrid Closed-Loop.** *Diabetes care*
  Lal, R. A., Basina, M. n., Maahs, D. M., Hood, K. n., Buckingham, B. n., Wilson, D. M.
  2019
- **Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen.** *Journal of the American Society of Nephrology : JASN*
  Salem, R. M., Todd, J. N., Sandholm, N. n., Cole, J. B., Chen, W. M., Andrews, D. n., Pezzolesi, M. G., McKeigue, P. M., Hiraki, L. T., Qiu, C. n., Nair, V. n., Di Liao, C. n., Cao, et al
  2019
- **Five heterogeneous HbA1c trajectories from childhood to adulthood in youth with type 1 diabetes from three different continents - a group-based modeling approach.** *Pediatric diabetes*
  Clements, M. A., Schwandt, A. n., Donaghue, K. C., Miller, K. n., Lück, U. n., Couper, J. J., Foster, N. n., Schröder, C. n., Phelan, H. n., Maahs, D. n., Prinz, N. n., Craig, M. E.
  2019
- **Serum uromodulin is associated with urinary albumin excretion in adolescents with type 1 diabetes.** *Journal of diabetes and its complications*
  Wiromrat, P. n., Bjornstad, P. n., Roncal, C. n., Pyle, L. n., Johnson, R. J., Cherney, D. Z., Lipina, T. n., Bishop, F. n., Maahs, D. M., Wadwa, R. P.
  2019
- **Hemoglobin A1c Trajectory in Pediatric Patients with Newly Diagnosed Type 1 Diabetes.** *Diabetes technology & therapeutics*
  Prahalad, P. n., Yang, J. n., Scheinker, D. n., Desai, M. n., Hood, K. n., Maahs, D. M.
  2019
- **Assessment of a Precision Medicine Analysis of a Behavioral Counseling Strategy to Improve Adherence to Diabetes Self-management Among Youth: A Post Hoc Analysis of the FLEX Trial.** *JAMA network open*
  Kahkoska, A. R., Lawson, M. T., Crandell, J. n., Driscoll, K. A., Kichler, J. C., Seid, M. n., Maahs, D. M., Kosorok, M. R., Mayer-Davis, E. J.
  2019; 2 (5): e195137
- **Dysglycemia among youth with type 1 diabetes and suboptimal glycemic control in The Flexible Lifestyle Empowering Change (FLEX) trial.** *Pediatric diabetes*
  Kahkoska, A. R., Crandell, J., Driscoll, K. A., Kichler, J. C., Seid, M., Mayer-Davis, E. J., Maahs, D. M.
  2018

- **Two-step recruitment process optimizes retention in FLEX clinical trial.** *Contemporary clinical trials communications*
  Standiford, D. A., Morwessel, N., Bishop, F. K., Thomas, J. M., Smith, E., Crandell, J., Driscoll, K. A., Hunter, C. M., Kichler, J. C., Maahs, D. M., Mayer-Davis, E. J., Seid, M.
  2018; 12: 68–75
- **Two-step recruitment process optimizes retention in FLEX clinical trial** *CONTEMPORARY CLINICAL TRIALS COMMUNICATIONS*
  Standiford, D. A., Morwessel, N., Bishop, F. K., Thomas, J. M., Smith, E., Crandell, J., Driscoll, K. A., Hunter, C. M., Kichler, J. C., Maahs, D. M., Mayer-Davis, E. J., Seid, M.
  2018; 12: 68–75
- **The early natural history of albuminuria in young adults with youth-onset type 1 and type 2 diabetes** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Kahkoska, A. R., Isom, S., Divers, J., Mayer-Davis, E. J., Dolan, L., Shah, A. S., Afkarian, M., Pettitt, D. J., Lawrence, J. M., Marcovina, S., Saydah, S. H., Dabelea, D., Maahs, et al
  2018; 32 (12): 1160–68
- **Co-occurrence of early diabetes-related complications in adolescents and young adults with type 1 diabetes: an observational cohort study.** *The Lancet. Child & adolescent health*
  Sauder, K. A., Stafford, J. M., Mayer-Davis, E. J., Jensen, E. T., Saydah, S., Mottl, A., Dolan, L. M., Hamman, R. F., Lawrence, J. M., Pihoker, C., Marcovina, S., D'Agostino, R. B., Dabelea, et al
  2018
- **Continuous glucose monitoring and glycemic control among youth with type 1 diabetes: International comparison from the T1D Exchange and DPV Initiative** *PEDIATRIC DIABETES*
  DeSalvo, D. J., Miller, K. M., Hermann, J. M., Maahs, D. M., Hofer, S. E., Clements, M. A., Lilienthal, E., Sherr, J. L., Tauschmann, M., Holl, R. W., T1D Exchange Registry, DPV Registy
  2018; 19 (7): 1271–75
- **The early natural history of albuminuria in young adults with youth-onset type 1 and type 2 diabetes.** *Journal of diabetes and its complications*
  Kahkoska, A. R., Isom, S., Divers, J., Mayer-Davis, E. J., Dolan, L., Shah, A. S., Afkarian, M., Pettitt, D. J., Lawrence, J. M., Marcovina, S., Saydah, S. H., Dabelea, D., Maahs, et al
  2018
- **ISPAD Clinical Practice Consensus Guidelines 2018: Diabetes technologies**
  Sherr, J. L., Tauschmann, M., Battelino, T., de Bock, M., Forlenza, G., Roman, R., Hood, K. K., Maahs, D. M.
  WILEY.2018: 302–25
- **ISPAD Clinical Practice Consensus Guidelines 2018: Limited Care Guidance Appendix**
  Codner, E., Acerini, C. L., Craig, M. E., Hofer, S. E., Maahs, D. M.
  WILEY.2018: 328-338
- **Macrovascular disease and risk factors in youth with type 1 diabetes: time to be more attentive to treatment?** *LANCET DIABETES & ENDOCRINOLOGY*
  Bjornstad, P., Donaghue, K. C., Maahs, D. M.
  2018; 6 (10): 809–20
- **ISPAD Clinical Practice Consensus Guidelines 2018: Type 2 diabetes mellitus in youth**
  Zeitler, P., Arslanian, S., Fu, J., Pinhas-Hamiel, O., Reinehr, T., Tandon, N., Urakami, T., Wong, J., Maahs, D. M.
  WILEY.2018: 28–46
- **Can Real World Evidence on Body Mass Index Trajectories Inform Clinical Practice?** *JOURNAL OF PEDIATRICS*
  Addala, A., Maahs, D. M.
  2018; 201: 10–11
- **Obesity in Type 1 Diabetes: Pathophysiology, Clinical Impact, and Mechanisms** *ENDOCRINE REVIEWS*
  Corbin, K. D., Driscoll, K. A., Pratley, R. E., Smith, S. R., Maahs, D. M., Mayer-Davis, E. J., Adv Care Type 1 Diabet Obesity
  2018; 39 (5): 629–63
- **ISPAD Clinical Practice Consensus Guidelines 2018: Glycemic control targets and glucose monitoring for children, adolescents, and young adults with diabetes**
  DiMeglio, L. A., Acerini, C. L., Codner, E., Craig, M. E., Hofer, S. E., Pillay, K., Maahs, D. M.
  WILEY.2018: 105–14

- **ISPAD Clinical Practice Consensus Guidelines 2018: The delivery of ambulatory diabetes care to children and adolescents with diabetes**
  Pihoker, C., Forsander, G., Fantahun, B., Virmani, A., Corathers, S., Benitez-Aguirre, P., Fu, J., Maahs, D. M.
  WILEY.2018: 84–104
- **ISPAD Clinical Practice Consensus Guidelines 2018: Introduction to the Limited Care guidance appendix**
  Codner, E., Acerini, C., Craig, M. E., Hofer, S., Maahs, D. M.
  WILEY.2018: 326–27
- **ISPAD Clinical Practice Consensus Guidelines 2018: What is new in diabetes care?** *PEDIATRIC DIABETES*
  Codner, E., Acerini, C. L., Craig, M. E., Hofer, S. E., Maahs, D. M.
  2018; 19: 5–6
- **ISPAD Clinical Practice Consensus Guidelines 2018: Assessment and management of hypoglycemia in children and adolescents with diabetes**
  Abraham, M. B., Jones, T. W., Naranjo, D., Karges, B., Oduwole, A., Tauschmann, M., Maahs, D. M.
  WILEY.2018: 178–92
- **Psychosocial and Human Factors During a Trial of a Hybrid Closed Loop System for Type 1 Diabetes Management.** *Diabetes technology & therapeutics*
  Adams, R. N., Tanenbaum, M. L., Hanes, S. J., Ambrosino, J. M., Ly, T. T., Maahs, D. M., Naranjo, D., Walders-Abramson, N., Weinzimer, S. A., Buckingham, B. A., Hood, K. K.
  2018
- **Psychosocial and Human Factors During a Trial of a Hybrid Closed Loop System for Type 1 Diabetes Management** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Adams, R. N., Tanenbaum, M. L., Hanes, S. J., Ambrosino, J. M., Ly, T. T., Maahs, D. M., Naranjo, D., Walders-Abramson, N., Weinzimer, S. A., Buckingham, B. A., Hood, K. K.
  2018; 20 (10): 648–53
- **Efficacy of the Flexible Lifestyles Empowering Change intervention on metabolic and psychosocial outcomes in adolescents with type 1 diabetes (FLEX): a randomised controlled trial** *LANCET CHILD & ADOLESCENT HEALTH*
  Mayer-Davis, E. J., Maahs, D. M., Seid, M., Crandell, J., Bishop, F. K., Driscoll, K. A., Hunter, C. M., Kichler, J. C., Standiford, D., Thomas, J. M., FLEX Study Grp
  2018; 2 (9): 635–46
- **Type 1 Diabetes in Children and Adolescents: A Position Statement by the American Diabetes Association** *DIABETES CARE*
  Chiang, J. L., Maahs, D. M., Garvey, K. C., Hood, K. K., Laffel, L. M., Weinzimer, S. A., Wolfsdorf, J. I., Schatz, D.
  2018; 41 (9): 2026–44
- **Age at type 1 diabetes onset: a new risk factor and call for focused treatment** *LANCET*
  Basina, M., Maahs, D. M.
  2018; 392 (10146): 453–54
- **Age at type 1 diabetes onset: a new risk factor and call for focused treatment.** *Lancet (London, England)*
  Basina, M., Maahs, D. M.
  2018; 392 (10146): 453-454
- **Sustained Continuous Glucose Monitor Use in Low-Income Youth with Type 1 Diabetes Following Insurance Coverage Supports Expansion of Continuous Glucose Monitor Coverage for All.** *Diabetes technology & therapeutics*
  Prahalad, P., Addala, A., Buckingham, B., Wilson, D. M., Maahs, D. M.
  2018
- **Sustained Continuous Glucose Monitor Use in Low-Income Youth with Type 1 Diabetes Following Insurance Coverage Supports Expansion of Continuous Glucose Monitor Coverage for All** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Prahalad, P., Addala, A., Buckingham, B., Wilson, D. M., Maahs, D. M.
  2018; 20 (9): 632–34
- **Can Real World Evidence on Body Mass Index Trajectories Inform Clinical Practice?** *The Journal of pediatrics*
  Addala, A., Maahs, D. M.
  2018
- **Type 2 diabetes mellitus (T2DM) in youth.** *Pediatric diabetes*
  Zeitler, P., Arslanian, S., Fu, J., Pinhas-Hamiel, O., Reinehr, T., Tandon, N., Urakami, T., Wong, J., Maahs, D. M.

2018

- **Diabetes Technology Use Among Pregnant and Nonpregnant Women with T1D in the T1D Exchange.** *Diabetes technology & therapeutics*
  Polsky, S., Wu, M., Bode, B. W., DuBose, S. N., Goland, R. S., Maahs, D. M., Foster, N. C., Peters, A. L., Levy, C. J., Shah, V. N., Beck, R. W.
  2018

- **Diabetes Technology Use Among Pregnant and Nonpregnant Women with T1D in the T1D Exchange** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Polsky, S., Wu, M., Bode, B. W., DuBose, S. N., Goland, R. S., Maahs, D. M., Foster, N. C., Peters, A. L., Levy, C. J., Shah, V. N., Beck, R. W., T1D Exchange Clinic Network
  2018; 20 (8): 517–23

- **Eating patterns and food intake of persons with type 1 diabetes within the T1D exchange** *DIABETES RESEARCH AND CLINICAL PRACTICE*
  Powers, M. A., Gal, R. L., Connor, C. G., Mangan, M., Maahs, D. M., Clements, M. A., Mayer-Davis, E. J.
  2018; 141: 217–28

- **Role of bicarbonate supplementation on urine uric acid crystals and diabetic tubulopathy in adults with type 1 diabetes** *DIABETES OBESITY & METABOLISM*
  Bjornstad, P., Maahs, D. M., Roncal, C. A., Snell-Bergeon, J. K., Shah, V. N., Milagres, T., Ellis, S. L., Hatch, M., Chung, L. T., Rewers, M. J., Garg, S., Cherney, D. Z., Pyle, et al
  2018; 20 (7): 1776–80

- **Guidelines to Practice: Identifying Barriers to Cardiovascular Health Management in Pediatric Type 1 Diabetes.** *The Journal of pediatrics*
  Maahs, D. M.
  2018; 197: 14–15

- **Guidelines to Practice: Identifying Barriers to Cardiovascular Health Management in Pediatric Type 1 Diabetes** *JOURNAL OF PEDIATRICS*
  Maahs, D. M.
  2018; 197: 14–15

- **Advances in Care for Insulin-Requiring Patients Without Closed Loop** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Lal, R. A., Buckingham, B., Maahs, D. M.
  2018; 20: 85–91

- **Advances in Care for Insulin-Requiring Patients Without Closed Loop.** *Diabetes technology & therapeutics*
  Lal, R. A., Buckingham, B., Maahs, D. M.
  2018; 20 (S2): S285–S291

- **Exploring Variation in Glycemic Control Across and Within Eight High-Income Countries: A Cross-sectional Analysis of 64,666 Children and Adolescents With Type 1 Diabetes** *DIABETES CARE*
  Charalampopoulos, D., Hermann, J. M., Svensson, J., Skrivarhaug, T., Maahs, D. M., Akesson, K., Warner, J. T., Holl, R. W., Birkebaek, N. H., Drivvoll, A. K., Miller, K. M., Svensson, A., Stephenson, et al
  2018; 41 (6): 1180–87

- **Predictive hyperglycemia and hypoglycemia minimization: In-home double-blind randomized controlled evaluation in children and young adolescents** *PEDIATRIC DIABETES*
  Forlenza, G. P., Raghinaru, D., Cameron, F., Bequette, B., Chase, H., Wadwa, R., Maahs, D. M., Jost, E., Ly, T. T., Wilson, D. M., Norlander, L., Ekhlaspour, L., Min, et al
  2018; 19 (3): 420–28

- **Meta-genome-wide association studies identify a locus on chromosome 1 and multiple variants in the MHC region for serum C-peptide in type 1 diabetes** *DIABETOLOGIA*
  Roshandel, D., Gubitosi-Klug, R., Bull, S. B., Canty, A. J., Pezzolesi, M. G., King, G. L., Keenan, H. A., Snell-Bergeon, J. K., Maahs, D. M., Klein, R., Klein, B. K., Orchard, T. J., Costacou, et al
  2018; 61 (5): 1098–1111

- **Fully Closed-Loop Multiple Model Probabilistic Predictive Controller Artificial Pancreas Performance in Adolescents and Adults in a Supervised Hotel Setting** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Forlenza, G. P., Cameron, F. M., Ly, T. T., Lam, D., Howsmon, D. P., Baysal, N., Kulina, G., Messer, L., Clinton, P., Levister, C., Patek, S. D., Levy, C. J., Wadwa, et al
  2018; 20 (5): 335–43

- **HUMAN FACTORS DURING TRIAL OF A HYBRID CLOSED LOOP SYSTEM FOR TYPE 1 DIABETES MANAGEMENT**
  Adams, R. N., Tanenbaum, M. L., Hanes, S. J., Ambrosino, J. M., Ly, T. T., Maahs, D. M., Naranjo, D., Walders-Abramson, N., Weinzimer, S. A., Buckingham, B. A., Hood, K. K.
  OXFORD UNIV PRESS INC.2018: S718
- **Sex-specific differences in insulin resistance in type 1 diabetes: The CACTI cohort** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Millstein, R. J., Pyle, L. L., Bergman, B. C., Eckel, R. H., Maahs, D. M., Rewers, M. J., Schauer, I. E., Snell-Bergeon, J. K.
  2018; 32 (4): 418–23
- **Role of bicarbonate supplementation on urine uric acid crystals and diabetic tubulopathy in adults with type 1 diabetes.** *Diabetes, obesity & metabolism*
  Bjornstad, P., Maahs, D. M., Roncal, C. A., Snell-Bergeon, J. K., Shah, V. N., Milagres, T., Ellis, S. L., Hatch, M., Chung, L. T., Rewers, M. J., Garg, S., Cherney, D. Z., Pyle, et al
  2018
- **Quantifying genetic susceptibility in T1DM-implications for diagnosis after age 30** *NATURE REVIEWS ENDOCRINOLOGY*
  Meyer, E., Maahs, D. M.
  2018; 14 (3): 134–35
- **The Flexible Lifestyle Empowering Change (FLEX) intervention for self-management in adolescents with type 1 diabetes: Trial design and baseline characteristics** *CONTEMPORARY CLINICAL TRIALS*
  Kichler, J. C., Seid, M., Crandell, J., Maahs, D. M., Bishop, F. K., Driscoll, K. A., Standiford, D., Hunter, C. M., Mayer-Davis, E.
  2018; 66: 64–73
- **Macrovascular disease and risk factors in youth with type 1 diabetes: time to be more attentive to treatment?** *The lancet. Diabetes & endocrinology*
  Bjornstad, P., Donaghue, K. C., Maahs, D. M.
  2018
- **The dawn of automated insulin delivery: A new clinical framework to conceptualize insulin administration** *PEDIATRIC DIABETES*
  Messer, L. H., Forlenza, G. P., Wadwa, R., Weinzimer, S. A., Sherr, J. L., Hood, K. K., Buckingham, B. A., Slover, R. H., Maahs, D. M.
  2018; 19 (1): 14–17
- **Overnight Hypoglycemia and Hyperglycemia Mitigation for Individuals with Type 1 Diabetes HOW RISKS CAN BE REDUCED** *IEEE CONTROL SYSTEMS MAGAZINE*
  Bequette, B., Cameron, F., Buckingham, B. A., Maahs, D. M., Lum, J.
  2018; 38 (1): 125–34
- **Diabetes technology: improving care, improving patient-reported outcomes and preventing complications in young people with Type 1 diabetes.** *Diabetic medicine : a journal of the British Diabetic Association*
  Prahalad, P. n., Tanenbaum, M. n., Hood, K. n., Maahs, D. M.
  2018
- **A Data-Driven Approach to Artificial Pancreas Verification and Synthesis**
  Kushner, T., Bortz, D., Maahs, D. M., Sankaranarayanan, S., IEEE
  IEEE COMPUTER SOC.2018: 242–52
- **ISPAD Annual Conference 2017 Highlights.** *Pediatric diabetes*
  Agwu, J. C., Idkowiak, J. n., Bull, L. n., Ng, S. M., Dov#, K. n., Ngwu, U. n., Calliari, L. E., Maahs, D. M.
  2018; 19 (5): 855–58
- **50 Years Ago in The Journal of Pediatrics: Familial Holoprosencephaly with Endocrine Dysgenesis.** *The Journal of pediatrics*
  Chang, M., Wilson, D. M., Maahs, D. M.
  2018; 192: 98
- **Real-Time Detection of Infusion Site Failures in a Closed-Loop Artificial Pancreas.** *Journal of diabetes science and technology*
  Howsmon, D. P., Baysal, N., Buckingham, B. A., Forlenza, G. P., Ly, T. T., Maahs, D. M., Marcal, T., Towers, L., Mauritzen, E., Deshpande, S., Huyett, L. M., Pinsker, J. E., Gondhalekar, et al
  2018; 12 (3): 599–607
- **Increasing Use of Continuous Glucose Monitoring (CGM) Among Youth with Type 1 Diabetes (T1D): Icomparison of Youth from the T1D Exchange (T1DX) and the DPV Initiative**
  Miller, K., Hermann, J., Maahs, D., Hofer, S., Foster, N., Holl, R.

KARGER.2018: 219–20

- **Measured GFR in Routine Clinical Practice-The Promise of Dried Blood Spots** *ADVANCES IN CHRONIC KIDNEY DISEASE*
  Bjornstad, P., Karger, A. B., Maahs, D. M.
  2018; 25 (1): 76–83
- **Familial Holoprosencephaly with Endocrine Dysgenesis** *JOURNAL OF PEDIATRICS*
  Chang, M., Wilson, D. M., Maahs, D. M.
  2018; 192: 98
- **Dynamic changes in retinal vessel diameter during acute hyperglycemia in type 1 diabetes.** *Journal of diabetes and its complications*
  Bucca, B. C., Maahs, D. M., Snell-Bergeon, J. K., Hokanson, J. n., Rinella, S. n., Bishop, F. n., Boufard, A. n., Homann, J. n., Cheung, C. Y., Wong, T. Y.
  2018; 32 (2): 234–39
- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Shalitin, S. n.
  2018; 20 (S1): S114–S127
- **Optimizing Hybrid Closed-Loop Therapy in Adolescents and Emerging Adults Using the MiniMed 670G System.** *Diabetes care*
  Messer, L. H., Forlenza, G. P., Sherr, J. L., Wadwa, R. P., Buckingham, B. A., Weinzimer, S. A., Maahs, D. M., Slover, R. H.
  2018; 41 (4): 789–96
- **Effect of Oral Insulin on Prevention of Diabetes in Relatives of Patients With Type 1 Diabetes A Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
  Greenbaum, C., Atkinson, M., Baidal, D., Battaglia, M., Bingley, P., Bosi, E., Buckner, J., Clements, M., Colman, P., DiMeglio, L., Evans-Molina, C., Gitelman, S., Goland, et al
  2017; 318 (19): 1891–1902
- **Behavioural implications of traditional treatment and closed-loop automated insulin delivery systems in Type 1 diabetes: applying a cognitive restraint theory framework.** *Diabetic medicine : a journal of the British Diabetic Association*
  Kahkoska, A. R., Mayer-Davis, E. J., Hood, K. K., Maahs, D. M., Burger, K. S.
  2017; 34 (11): 1500-1507
- **A Meta Genome-Wide Association Study Identifies a Novel Locus for Cardiovascular Disease in Type 1 Diabetes**
  Keshavarzi, S., Canty, A., Klein, B. K., Trevor, O. J., Costacou, T., Klein, R., Snell-Bergeon, J., Maahs, D., Miller, R., Lee, K. E., Paterson, A. D.
  WILEY.2017: 657–58
- **Predictors of early renal function decline in adults with Type 1 diabetes: the Coronary Artery Calcification in Type 1 Diabetes and the Pittsburgh Epidemiology of Diabetes Complications studies.** *Diabetic medicine : a journal of the British Diabetic Association*
  Bjornstad, P., Costacou, T., Miller, R. G., Maahs, D. M., Rewers, M. J., Orchard, T. J., Snell-Bergeon, J. K.
  2017; 34 (11): 1532-1540
- **Trust in hybrid closed loop among people with diabetes: Perspectives of experienced system users.** *Journal of health psychology*
  Tanenbaum, M. L., Iturralde, E., Hanes, S. J., Suttiratana, S. C., Ambrosino, J. M., Ly, T. T., Maahs, D. M., Naranjo, D., Walders-Abramson, N., Weinzimer, S. A., Buckingham, B. A., Hood, K. K.
  2017: 1359105317718615
- **Application of Zone Model Predictive Control Artificial Pancreas During Extended Use of Infusion Set and Sensor: A Randomized Crossover-Controlled Home-Use Trial.** *Diabetes care*
  Forlenza, G. P., Deshpande, S., Ly, T. T., Howsmon, D. P., Cameron, F., Baysal, N., Mauritzen, E., Marcal, T., Towers, L., Bequette, B. W., Huyett, L. M., Pinsker, J. E., Gondhalekar, et al
  2017
- **Prevalence of Celiac Disease in 52,721 Youth With Type 1 Diabetes: International Comparison Across Three Continents.** *Diabetes care*
  Craig, M. E., Prinz, N., Boyle, C. T., Campbell, F. M., Jones, T. W., Hofer, S. E., Simmons, J. H., Holman, N., Tham, E., Fröhlich-Reiterer, E., Dubose, S., Thornton, H., King, et al
  2017
- **Clinical Use of Continuous Glucose Monitoring in Pediatrics.** *Diabetes technology & therapeutics*
  Lal, R. A., Maahs, D. M.
  2017; 19 (S2): S37-S43

- **Automated Insulin Delivery (Artificial Pancreas) on the Horizon: Educational Considerations for Youth with Type 1 Diabetes**
  Messer, L., Jost, E., Berget, C., Westfall, E., Min, J. H., Ambers, E., Maahs, D. M., Wadwa, R., Slover, R. H., Forlenza, G. P., Buckingham, B. A.
  ELSEVIER SCIENCE INC.2017: 104–5
- **Outpatient Closed-Loop Control with Unannounced Moderate Exercise in Adolescents Using Zone Model Predictive Control.** *Diabetes technology & therapeutics*
  Huyett, L. M., Ly, T. T., Forlenza, G. P., Reuschel-DiVirgilio, S., Messer, L. H., Wadwa, R. P., Gondhalekar, R., Doyle, F. J., Pinsker, J. E., Maahs, D. M., Buckingham, B. A., Dassau, E.
  2017
- **Dietary intake and risk of non-severe hypoglycemia in adolescents with type 1 diabetes.** *Journal of diabetes and its complications*
  Zhong, V. W., Crandell, J. L., Shay, C. M., Gordon-Larsen, P., Cole, S. R., Juhaeri, J., Kahkoska, A. R., Maahs, D. M., Seid, M., Forlenza, G. P., Mayer-Davis, E. J.
  2017
- **Incidence Trends of Type 1 and Type 2 Diabetes among Youths, 2002-2012** *NEW ENGLAND JOURNAL OF MEDICINE*
  Mayer-Davis, E. J., Lawrence, J. M., Dabelea, D., Divers, J., Isom, S., Dolan, L., Imperatore, G., Linder, B., Marcovina, S., Pettitt, D. J., Pihoker, C., Saydah, S., Wagenknecht, et al
  2017; 376 (15): 1419–29
- **Expectations and Attitudes of Individuals With Type 1 Diabetes After Using a Hybrid Closed Loop System** *DIABETES EDUCATOR*
  Iturralde, E., Tanenbaum, M. L., Hanes, S. J., Suttiratana, S. C., Ambrosino, J. M., Ly, T. T., Maahs, D. M., Naranjo, D., Walders-Abramson, N., Weinzimer, S. A., Buckingham, B. A., Hood, K. K.
  2017; 43 (2): 223-232
- **Prediction of acute coronary syndromes by urinary proteome analysis** *PLOS ONE*
  Htun, N. M., Magliano, D. J., Zhang, Z., Lyons, J., Petit, T., Nkuipou-Kenfack, E., Ramirez-Torres, A., von zur Muhlen, C., Maahs, D., Schanstra, J. P., Pontillo, C., Pejchinovski, M., Snell-Bergeon, et al
  2017; 12 (3)
- **Predictive Hyperglycemia and Hypoglycemia Minimization: In-Home Evaluation of Safety, Feasibility, and Efficacy in Overnight Glucose Control in Type 1 Diabetes.** *Diabetes care*
  Spaic, T., Driscoll, M., Raghinaru, D., Buckingham, B. A., Wilson, D. M., Clinton, P., Chase, H. P., Maahs, D. M., Forlenza, G. P., Jost, E., Hramiak, I., Paul, T., Bequette, et al
  2017; 40 (3): 359-366
- **Diabetes Technology and Therapy in the Pediatric Age Group.** *Diabetes technology & therapeutics*
  Maahs, D. M., Shalitin, S.
  2017; 19 (S1): S105-S119
- **Adiponectin is associated with early diabetic kidney disease in adults with type 1 diabetes: A Coronary Artery Calcification in Type 1 Diabetes (CACTI) Study** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Bjornstad, P., Pyle, L., Kinney, G. L., Rewers, M., Johnson, R. J., Maahs, D. M., Snell-Bergeon, J. K.
  2017; 31 (2): 369-374
- **Albuminuria is associated with greater copeptin concentrations in men with type 1 diabetes: A brief report from the T1D exchange Biobank.** *Journal of diabetes and its complications*
  Bjornstad, P., Johnson, R. J., Snell-Bergeon, J. K., Pyle, L., Davis, A., Foster, N., Cherney, D. Z., Maahs, D. M.
  2017; 31 (2): 387-389
- **Predictors of Dyslipidemia Over Time in Youth With Type 1 Diabetes: For the SEARCH for Diabetes in Youth Study.** *Diabetes care*
  Shah, A. S., Maahs, D. M., Stafford, J. M., Dolan, L. M., Lang, W., Imperatore, G., Bell, R. A., Liese, A. D., Reynolds, K., Pihoker, C., Marcovina, S., D'Agostino, R. B., Dabelea, et al
  2017
- **Obesity and type 2 diabetes are associated with elevated PCSK9 levels in young women.** *Pediatric diabetes*
  Levenson, A. E., Shah, A. S., Khoury, P. R., Kimball, T. R., Urbina, E. M., de Ferranti, S. D., Maahs, D. M., Dolan, L. M., Wadwa, R. P., Biddinger, S. B.
  2017
- **Continuous Glucose Monitoring Enables the Detection of Losses in Infusion Set Actuation (LISAs)** *SENSORS*
  Howsmon, D. P., Cameron, F., Baysal, N., Ly, T. T., Forlenza, G. P., Maahs, D. M., Buckingham, B. A., Hahn, J., Bequette, B. W.

2017; 17 (1)

- **Response to Comment on Hofer et al. International Comparison of Smoking and Metabolic Control in Patients With Type 1 Diabetes. Diabetes Care 2016;39:e177-e178.** *Diabetes care*

  Hofer, S. E., Miller, K. n., Hermann, J. M., DeSalvo, D. J., Riedl, M. n., Hirsch, I. B., Karges, W. n., Beck, R. W., Holl, R. W., Maahs, D. M.

  2017; 40 (3): e37

- **PCSK9 Is Increased in Youth With Type 1 Diabetes.** *Diabetes care*

  Levenson, A. E., Wadwa, R. P., Shah, A. S., Khoury, P. R., Kimball, T. R., Urbina, E. M., de Ferranti, S. D., Bishop, F. K., Maahs, D. M., Dolan, L. M., Biddinger, S. B.

  2017; 40 (7): e85–e87

- **Use of Adjuvant Pharmacotherapy in Type 1 Diabetes: International Comparison of 49,996 Individuals in the Prospective Diabetes Follow-up and T1D Exchange Registries.** *Diabetes care*

  Lyons, S. K., Hermann, J. M., Miller, K. M., Hofer, S. E., Foster, N. C., Rami-Merhar, B. M., Aleppo, G. n., Seufert, J. n., DiMeglio, L. A., Danne, T. n., Maahs, D. M., Holl, R. W.

  2017; 40 (10): e139–e140

- **Response to Comment on Craig et al. Prevalence of Celiac Disease in 52,721 Youth With Type 1 Diabetes: International Comparison Across Three Continents. Diabetes Care 2017;40:1034-1040.** *Diabetes care*

  Craig, M. E., Prinz, N. n., Boyle, C. T., Campbell, F. M., Jones, T. W., Hofer, S. E., Simmons, J. H., Holman, N. n., Tham, E. n., Fröhlich-Reiterer, E. n., DuBose, S. n., Thornton, H. n., King, et al

  2017; 40 (11): e168–e169

- **In-Home Closed Loop Control for Artificial Pancreas: Patient and Provider Perspective** *DIABETES TECHNOLOGY & THERAPEUTICS*

  Ekhlaspour, L., Maahs, D. M.

  2017; 19 (1): 4–6

- **Biopsychosocial Aspects of Weight Management in Type 1 Diabetes: a Review and Next Steps.** *Current diabetes reports*

  Driscoll, K. A., Corbin, K. D., Maahs, D. M., Pratley, R. n., Bishop, F. K., Kahkoska, A. n., Hood, K. K., Mayer-Davis, E. n.

  2017; 17 (8): 58

- **Serum cystatin C in youth with diabetes: The SEARCH for diabetes in youth study.** *Diabetes research and clinical practice*

  Kanakatti Shankar, R. n., Dolan, L. M., Isom, S. n., Saydah, S. n., Maahs, D. M., Dabelea, D. n., Reynolds, K. n., Hirsch, I. B., Rodriguez, B. L., Mayer-Davis, E. J., Marcovina, S. n., D'Agostino, R. n., Mauer, et al

  2017; 130: 258–65

- **Closed-Loop Control Without Meal Announcement in Type 1 Diabetes.** *Diabetes technology & therapeutics*

  Cameron, F. M., Ly, T. T., Buckingham, B. A., Maahs, D. M., Forlenza, G. P., Levy, C. J., Lam, D. n., Clinton, P. n., Messer, L. H., Westfall, E. n., Levister, C. n., Xie, Y. Y., Baysal, et al

  2017; 19 (9): 527–32

- **Closed-Loop Control During Intense Prolonged Outdoor Exercise in Adolescents With Type 1 Diabetes: The Artificial Pancreas Ski Study.** *Diabetes care*

  Breton, M. D., Cherñavvsky, D. R., Forlenza, G. P., DeBoer, M. D., Robic, J. n., Wadwa, R. P., Messer, L. H., Kovatchev, B. P., Maahs, D. M.

  2017; 40 (12): 1644–50

- **International Consensus on Use of Continuous Glucose Monitoring.** *Diabetes care*

  Danne, T. n., Nimri, R. n., Battelino, T. n., Bergenstal, R. M., Close, K. L., DeVries, J. H., Garg, S. n., Heinemann, L. n., Hirsch, I. n., Amiel, S. A., Beck, R. n., Bosi, E. n., Buckingham, et al

  2017; 40 (12): 1631–40

- **Reported gastroparesis in adults with type 1 diabetes (T1D) from the T1D Exchange clinic registry.** *Journal of diabetes and its complications*

  Aleppo, G. n., Calhoun, P. n., Foster, N. C., Maahs, D. M., Shah, V. N., Miller, K. M.

  2017; 31 (12): 1669–73

- **Implementation of Depression Screening and Global Health Assessment in Pediatric Subspecialty Clinics.** *The Journal of adolescent health : official publication of the Society for Adolescent Medicine*

  Iturralde, E. n., Adams, R. N., Barley, R. C., Bensen, R. n., Christofferson, M. n., Hanes, S. J., Maahs, D. M., Milla, C. n., Naranjo, D. n., Shah, A. C., Tanenbaum, M. L., Veeravalli, S. n., Park, et al

  2017

- **Obese adolescents with polycystic ovarian syndrome have elevated cardiovascular disease risk markers.** *Vascular medicine*
  Patel, S. S., Truong, U., King, M., Ferland, A., Moreau, K. L., Dorosz, J., Hokanson, J. E., Wang, H., Kinney, G. L., Maahs, D. M., Eckel, R. H., Nadeau, K. J., Cree-Green, et al
  2017: 1358863X16682107-?
- **Algorithms for a Single Hormone Closed-Loop Artificial Pancreas: Challenges Pertinent to Chemical Process Operations and Control** *PROCESSES*
  Bequette, B., Cameron, F., Baysal, N., Howsmon, D. P., Buckingham, B. A., Maahs, D. M., Levy, C. J.
  2016; 4 (4)
- **Ambulatory glucose profile analysis of the juvenile diabetes research foundation continuous glucose monitoring dataset-Applications to the pediatric diabetes population.** *Pediatric diabetes*
  Forlenza, G. P., Pyle, L. L., Maahs, D. M., Dunn, T. C.
  2016
- **Severe hypoglycemia rates are not associated with HbA1c: a cross-sectional analysis of 3 contemporary pediatric diabetes registry databases.** *Pediatric diabetes*
  Haynes, A., Hermann, J. M., Miller, K. M., Hofer, S. E., Jones, T. W., Beck, R. W., Maahs, D. M., Davis, E. A., Holl, R. W.
  2016
- **Efficacy of an Overnight Predictive Low-Glucose Suspend System in Relation to Hypoglycemia Risk Factors in Youth and Adults With Type 1 Diabetes.** *Journal of diabetes science and technology*
  Calhoun, P. M., Buckingham, B. A., Maahs, D. M., Hramiak, I., Wilson, D. M., Aye, T., Clinton, P., Chase, P., Messer, L., Kollman, C., Beck, R. W., Lum, J.
  2016; 10 (6): 1216-1221
- **The Gomez equations and renal hemodynamic function in kidney disease research** *AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY*
  Bjornstad, P., Skrtic, M., Lytvyn, Y., Maahs, D. M., Johnson, R. J., Cherney, D. Z.
  2016; 311 (5): F967-F975
- **Characteristics of youth with type 1 diabetes (T1D) with and without a parent with T1D in the T1D exchange clinic registry.** *Journal of diabetes*
  Fox, L. A., Mubasher, M., Wolfsdorf, J. I., Buckingham, B. A., Peters, A. L., Tamborlane, W. V., Schatz, D. A., Maahs, D. M., Miller, K. M., Beck, R. W.
  2016; 8 (6): 834-838
- **Early Detection of Infusion Set Failure During Insulin Pump Therapy in Type 1 Diabetes.** *Journal of diabetes science and technology*
  Cescon, M., DeSalvo, D. J., Ly, T. T., Maahs, D. M., Messer, L. H., Buckingham, B. A., Doyle, F. J., Dassau, E.
  2016; 10 (6): 1268-1276
- **A survey of youth with new onset type 1 diabetes: Opportunities to reduce diabetic ketoacidosis.** *Pediatric diabetes*
  Baldelli, L., Flitter, B., Pyle, L., Maahs, D. M., Klingensmith, G., Slover, R., Alonso, G. T.
  2016
- **Type 1 diabetes in older adults: Comparing treatments and chronic complications in the United States T1D Exchange and the German/Austrian DPV registries.** *Diabetes research and clinical practice*
  Weinstock, R. S., Schütz-Fuhrmann, I., Connor, C. G., Hermann, J. M., Maahs, D. M., Schütt, M., Agarwal, S., Hofer, S. E., Beck, R. W., Holl, R. W.
  2016; 122: 28-37
- **Insulin pump therapy in children with type 1 diabetes: analysis of data from the SWEET registry** *PEDIATRIC DIABETES*
  Szypowska, A., Schwandt, A., Svensson, J., Shalitin, S., Cardona-Hernandez, R., Forsander, G., Sundberg, F., De Beaufort, C., Maahs, D., Maffeis, C., O'Riordan, S. M., Krisane, I. D., Scharf, et al
  2016; 17: 38-45
- **The Gomez' equations and renal hemodynamic function in kidney disease research.** *American journal of physiology. Renal physiology*
  Bjornstad, P., Škrtic, M., Lytvyn, Y., Maahs, D. M., Johnson, R. J., Cherney, D. Z.
  2016: ajprenal 00415 2016-?
- **Hemoglobin A1c (HbA1c) changes over time among adolescent and young adult participants in the T1D exchange clinic registry** *PEDIATRIC DIABETES*
  Clements, M. A., Foster, N. C., Maahs, D. M., Schatz, D. A., Olson, B. A., Tsalikian, E., Lee, J. M., Burt-Solorzano, C. M., Tamborlane, W. V., Chen, V., Miller, K. M., Beck, R. W.
  2016; 17 (5): 327-336
- **Continuous Glucose Sensor Survival and Accuracy Over 14 Consecutive Days** *DIABETES CARE*
  DeSalvo, D. J., Ly, T. T., Wadwa, R., Messer, L., Westfall, E., Gopisetty, D., Hanes, S., von Eyben, R., Maahs, D. M., Buckingham, B. A.

2016; 39 (8): E112–E113

- **Elevated copeptin is associated with atherosclerosis and diabetic kidney disease in adults with type 1 diabetes.** *Journal of diabetes and its complications*
  Bjornstad, P., Maahs, D. M., Jensen, T., Lanaspa, M. A., Johnson, R. J., Rewers, M., Snell-Bergeon, J. K.
  2016; 30 (6): 1093-1096

- **Ketone production in children with type 1 diabetes, ages 4-14 years, with and without nocturnal insulin pump suspension.** *Pediatric diabetes*
  Wadwa, R. P., Chase, H. P., Raghinaru, D., Buckingham, B. A., Hramiak, I., Maahs, D. M., Messer, L., Ly, T., Aye, T., Clinton, P., Kollman, C., Beck, R. W., Lum, et al
  2016

- **Outcome Measures for Artificial Pancreas Clinical Trials: A Consensus Report.** *Diabetes care*
  Maahs, D. M., Buckingham, B. A., Castle, J. R., Cinar, A., Damiano, E. R., Dassau, E., DeVries, J. H., Doyle, F. J., Griffen, S. C., Haidar, A., Heinemann, L., Hovorka, R., Jones, et al
  2016; 39 (7): 1175-1179

- **Reduced brachial artery distensibility in patients with type 1 diabetes** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Ljunggren, P., Maahs, D. M., Johansson, P., Ludvigsson, J., Pyle, L., Sippl, R., Wadwa, R. P., Snell-Bergeon, J.
  2016; 30 (5): 893-897

- **Duration of Infusion Set Survival in Lipohypertrophy Versus Nonlipohypertrophied Tissue in Patients with Type 1 Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Karlin, A. W., Ly, T. T., Pyle, L., Forlenza, G. P., Messer, L., Wadwa, R. P., DeSalvo, D. J., Payne, S. L., Hanes, S., Clinton, P., Maahs, D. M., Buckingham, B.
  2016; 18 (7): 429-435

- **Adiponectin is associated with early diabetic kidney disease in adults with type 1 diabetes: A Coronary Artery Calcification in Type 1 Diabetes (CACTI) Study.** *Journal of diabetes and its complications*
  Bjornstad, P., Pyle, L., Kinney, G. L., Rewers, M., Johnson, R. J., Maahs, D. M., Snell-Bergeon, J. K.
  2016

- **The dose-response effect of insulin sensitivity on albuminuria in children according to diabetes type** *PEDIATRIC NEPHROLOGY*
  Mottl, A. K., Divers, J., Dabelea, D., Maahs, D. M., Dolan, L., Pettitt, D., Marcovina, S., Imperatore, G., Pihoker, C., Mauer, M., Mayer-Davis, E. J.
  2016; 31 (6): 933-940

- **Lipoprotein subfraction cholesterol distribution is more atherogenic in insulin resistant adolescents with type 1 diabetes** *PEDIATRIC DIABETES*
  Cree-Green, M., Maahs, D. M., Ferland, A., Hokanson, J. E., Wang, H., Pyle, L., Kinney, G. L., King, M., Eckel, R. H., Nadeau, K. J.
  2016; 17 (4): 257-265

- **Automated hybrid closed-loop control with a proportional-integral-derivative based system in adolescents and adults with type 1 diabetes: individualizing settings for optimal performance.** *Pediatric diabetes*
  Ly, T. T., Weinzimer, S. A., Maahs, D. M., Sherr, J. L., Roy, A., Grosman, B., Cantwell, M., Kurtz, N., Carria, L., Messer, L., von Eyben, R., Buckingham, B. A.
  2016

- **Estimated insulin sensitivity predicts incident micro- and macrovascular complications in adults with type 1 diabetes over 6 years: the coronary artery calcification in type 1 diabetes study** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Bjornstad, P., Maahs, D. M., Duca, L. M., Pyle, L., Rewers, M., Johnson, R. J., Snell-Bergeon, J. K.
  2016; 30 (4): 586-590

- **Hyperfiltration and uricosuria in adolescents with type 1 diabetes** *PEDIATRIC NEPHROLOGY*
  Bjornstad, P., Roncal, C., Milagres, T., Pyle, L., Lanaspa, M. A., Bishop, F. K., Snell-Bergeon, J. K., Johnson, R. J., Wadwa, R. P., Maahs, D. M.
  2016; 31 (5): 787-793

- **In-home nighttime predictive low glucose suspend experience in children and adults with type 1 diabetes.** *Pediatric diabetes*
  Messer, L. H., Calhoun, P., Buckingham, B., Wilson, D. M., Hramiak, I., Ly, T. T., Driscoll, M., Clinton, P., Maahs, D. M.
  2016: -?

- **Prevalence of cardiovascular risk factors in youth with type 1 diabetes and elevated body mass index.** *Acta diabetologica*
  Redondo, M. J., Foster, N. C., Libman, I. M., Mehta, S. N., Hathway, J. M., Bethin, K. E., Nathan, B. M., Ecker, M. A., Shah, A. C., DuBose, S. N., Tamborlane, W. V., Hoffman, R. P., Wong, et al
  2016; 53 (2): 271-277

- **Periodontal Microorganisms and Cardiovascular Risk Markers in Youth With Type 1 Diabetes and Without Diabetes** *JOURNAL OF PERIODONTOLOGY*
  Merchant, A. T., Nahhas, G. J., Wadwa, R. P., Zhang, J., Tang, Y., Johnson, L. R., Maahs, D. M., Bishop, F., Teles, R., Morrato, E. H.
  2016; 87 (4): 376-384
- **Measuring glomerular filtration rate by iohexol clearance on filter paper is feasible in adolescents with type 1 diabetes in the ambulatory setting** *ACTA DIABETOLOGICA*
  Bjornstad, P., Anderson, P. L., Maahs, D. M.
  2016; 53 (2): 331-333
- **Progress in Diabetes Technology: Developments in Insulin Pumps, Continuous Glucose Monitors, and Progress towards the Artificial Pancreas** *JOURNAL OF PEDIATRICS*
  Forlenza, G. P., Buckingham, B., Maahs, D. M.
  2016; 169: 13-20
- **Diabetic Kidney Disease in Adolescents With Type 2 Diabetes: New Insights and Potential Therapies** *CURRENT DIABETES REPORTS*
  Bjornstad, P., Cherney, D. Z., Maahs, D. M., Nadeau, K. J.
  2016; 16 (2)
- **Diabetes Technology and Therapy in the Pediatric Age Group** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Shalitin, S.
  2016; 18: S86-S100
- **Therapeutic inertia: underdiagnosed and undertreated hypertension in children participating in the T1D Exchange Clinic Registry** *PEDIATRIC DIABETES*
  Nambam, B., DuBose, S. N., Nathan, B. M., Beck, R. W., Maahs, D. M., Wadwa, R. P., Tamborlane, W. V., Foster, N. C., Miller, K. M., Haller, M. J.
  2016; 17 (1): 15-20
- **Profound hypokalemia associated with severe diabetic ketoacidosis** *PEDIATRIC DIABETES*
  Davis, S. M., Maddux, A. B., Alonso, G. T., Okada, C. R., Mourani, P. M., Maahs, D. M.
  2016; 17 (1): 61-65
- **Development and Validation of a Method to Estimate Insulin Sensitivity in Patients With and Without Type 1 Diabetes** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Duca, L. M., Maahs, D. M., Schauer, I. E., Bergman, B. C., Nadeau, K. J., Bjornstad, P., Rewers, M., Snell-Bergeon, J. K.
  2016; 101 (2): 686-695
- **Use of insulin pump therapy in children and adolescents with type 1 diabetes and its impact on metabolic control: comparison of results from three large, transatlantic paediatric registries** *DIABETOLOGIA*
  Sherr, J. L., Hermann, J. M., Campbell, F., Foster, N. C., Hofer, S. E., Allgrove, J., Maahs, D. M., Kapellen, T. M., Holman, N., Tamborlane, W. V., Holl, R. W., Beck, R. W., Warner, et al
  2016; 59 (1): 87-91
- **Effects of Frequency of Sensor-Augmented Pump Use on HbA1c and C-Peptide Levels in the First Year of Type 1 Diabetes.** *Diabetes care*
  Triolo, T. M., Maahs, D. M., Pyle, L., Slover, R., Buckingham, B., Cheng, P., DiMeglio, L. A., Bremer, A. A., Weinzimer, S. A., Chase, H. P., Diabetes Research in Children Network (DirecNet) and Type 1 Diabetes TrialNet Study Groups
  2016; 39 (4): e61–2
- **Insulin delivery methods: Past, present and future.** *International journal of pharmaceutical investigation*
  Shah, R. B., Patel, M., Maahs, D. M., Shah, V. N.
  2016; 6 (1): 1-9
- **Comparing Two Waist-to-Height Ratio Measurements with Cardiometabolic Risk Factors among Youth with Diabetes.** *International journal of child health and nutrition*
  Liu, L. L., Kahn, H. S., Pettitt, D. J., Fino, N. F., Morgan, T., Maahs, D. M., Crimmins, N. A., Lamichhane, A. P., Liese, A. D., D'Agostino, R. B., Bell, R. A.
  2016; 5 (3): 87-94
- **Influences of gender on cardiovascular disease risk factors in adolescents with and without type 1 diabetes.** *International journal of pediatric endocrinology*
  Brown, T. L., Maahs, D. M., Bishop, F. K., Snell-Bergeon, J. K., Wadwa, R. P.
  2016; 2016: 8-?

- **Rapid GFR decline is associated with renal hyperfiltration and impaired GFR in adults with Type 1 diabetes** *NEPHROLOGY DIALYSIS TRANSPLANTATION*
  Bjornstad, P., Cherney, D. Z., Snell-Bergeon, J. K., Pyle, L., Rewers, M., Johnson, R. J., Maahs, D. M.
  2015; 30 (10): 1706-1711
- **Effect of Acetaminophen on CGM Glucose in an Outpatient Setting** *DIABETES CARE*
  Maahs, D. M., DeSalvo, D., Pyle, L., Trang Ly, Messer, L., Clinton, P., Westfall, E., Wadwa, R., Buckingham, B.
  2015; 38 (10): E158–E159
- **Effect of Lipohypertrophy on Accuracy of Continuous Glucose Monitoring in Patients With Type 1 Diabetes** *DIABETES CARE*
  DeSalvo, D. J., Maahs, D. M., Messer, L., Wadwa, R., Payne, S., Ly, T. T., Buckingham, B. A.
  2015; 38 (10): E166–E167
- **Relation of Combined Non-High-Density Lipoprotein Cholesterol and Apolipoprotein B With Atherosclerosis in Adults With Type 1 Diabetes Mellitus** *AMERICAN JOURNAL OF CARDIOLOGY*
  Bjornstad, P., Eckel, R. H., Pyle, L., Rewers, M., Maahs, D. M., Snell-Bergeon, J. K.
  2015; 116 (7): 1057-1062
- **Rates of Diabetic Ketoacidosis: International Comparison With 49,859 Pediatric Patients With Type 1 Diabetes From England, Wales, the US, Austria, and Germany** *DIABETES CARE*
  Maahs, D. M., Hermann, J. M., Holman, N., Foster, N. C., Kapellen, T. M., Allgrove, J., Schatz, D. A., Hofer, S. E., Campbell, F., Steigleder-Schweiger, C., Beck, R. W., Warner, J. T., Holl, et al
  2015; 38 (10): 1876-1882
- **Erratum. Predictive Low-Glucose Insulin Suspension Reduces Duration of Nocturnal Hypoglycemia in Children Without Increasing Ketosis. Diabetes Care 2015;38:1197-1204.** *Diabetes care*
  Buckingham, B. A., Raghinaru, D., Cameron, F., Bequette, B. W., Chase, H. P., Maahs, D. M., Slover, R., Wadwa, R. P., Wilson, D. M., Ly, T., Aye, T., Hramiak, I., Clarson, et al
  2015; 38 (9): 1813-?
- **Predictive Low-Glucose Insulin Suspension Reduces Duration of Nocturnal Hypoglycemia in Children Without Increasing Ketosis (vol 38, pg 1197, 2015)** *DIABETES CARE*
  Buckingham, B. A., Raghinaru, D., Cameron, F., Bequette, B. W., Chase, H. P., Maahs, D. M., Slover, R., Wadwa, R. P., Wilson, D. M., Ly, T., Aye, T., Hramiak, I., Clarson, et al
  2015; 38 (9): 1813-1813
- **Obesity in Youth with Type 1 Diabetes in Germany, Austria, and the United States** *JOURNAL OF PEDIATRICS*
  Dubose, S. N., Hermann, J. M., Tamborlane, W. V., Beck, R. W., Dost, A., Dimeglio, L. A., Schwab, K. O., Holl, R. W., Hofer, S. E., Maahs, D. M.
  2015; 167 (3): 627-?
- **Fructose and uric acid in diabetic nephropathy** *DIABETOLOGIA*
  Bjornstad, P., Lanaspa, M. A., Ishimoto, T., Kosugi, T., Kume, S., Jalal, D., Maahs, D. M., Snell-Bergeon, J. K., Johnson, R. J., Nakagawa, T.
  2015; 58 (9): 1993-2002
- **Update on Estimation of Kidney Function in Diabetic Kidney Disease** *CURRENT DIABETES REPORTS*
  Bjornstad, P., Cherney, D. Z., Maahs, D. M.
  2015; 15 (9)
- **ISPAD Clinical Practice Consensus Guidelines 2014 Compendium: Type 2 diabetes in the child and adolescent (vol 15, pg 26, 2014)** *PEDIATRIC DIABETES*
  Zeitler, P., Fu, J., Tandon, N., Nadeau, K., Urakami, T., Barrett, T., Maahs, D.
  2015; 16 (5): 392-392
- **Diagnosis and Prediction of CKD Progression by Assessment of Urinary Peptides** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
  Schanstra, J. P., Zuerbig, P., Alkhalaf, A., Argiles, A., Bakker, S. J., Beige, J., Bilo, H. J., Chatzikyrkou, C., Dakna, M., Dawson, J., Delles, C., Haller, H., Haubitz, et al
  2015; 26 (8): 1999-2010
- **Adiponectin-SOGA Dissociation in Type 1 Diabetes** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Combs, T. P., Snell-Bergeon, J. K., Maahs, D. M., Bergman, B. C., Lamarche, M., Iberkleid, L., Abdelbaky, O., Tisch, R., Scherer, P. E., Marliss, E. B.
  2015; 100 (8): E1065-E1073

- **Predictive Low-Glucose Insulin Suspension Reduces Duration of Nocturnal Hypoglycemia in Children Without Increasing Ketosis** *DIABETES CARE*
  Buckingham, B. A., Raghinaru, D., Cameron, F., Bequette, B. W., Chase, H. P., Maahs, D. M., Slover, R., Wadwa, R. P., Wilson, D. M., Ly, T., Aye, T., Hramiak, I., Clarson, et al
  2015; 38 (7): 1197-1204
- **Factors Associated with Nocturnal Hypoglycemia in At-Risk Adolescents and Young Adults with Type 1 Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Wilson, D. M., Calhoun, P. M., Maahs, D. M., Chase, H. P., Messer, L., Buckingham, B. A., Aye, T., Clinton, P. K., Hramiak, I., Kollman, C., Beck, R. W.
  2015; 17 (6): 385-391
- **Diabetes Complications in Childhood Diabetes-New Biomarkers and Technologies.** *Current pediatrics reports*
  Bjornstad, P., Maahs, D. M.
  2015; 3 (2): 177-186
- **Flexible Lifestyles for Youth (FL3X) behavioural intervention for at-risk adolescents with Type 1 diabetes: a randomized pilot and feasibility trial** *DIABETIC MEDICINE*
  Mayer-Davis, E. J., Seid, M., CRANDELL, J., Dolan, L., Lagarde, W. H., Letourneau, L., Maahs, D. M., Marcovina, S., Nachreiner, J., Standiford, D., Thomas, J., Wysocki, T.
  2015; 32 (6): 829-833
- **Association of apolipoprotein B, LDL-C and vascular stiffness in adolescents with type 1 diabetes** *ACTA DIABETOLOGICA*
  Bjornstad, P., Nhung Nguyen, N., Reinick, C., Maahs, D. M., Bishop, F. K., Clements, S. A., Snell-Bergeon, J. K., Lieberman, R., Pyle, L., Daniels, S. R., Wadwa, R. P.
  2015; 52 (3): 611-619
- **Current State of Type 1 Diabetes Treatment in the US: Updated Data From the T1D Exchange Clinic Registry** *DIABETES CARE*
  Miller, K. M., Foster, N. C., Beck, R. W., Bergenstal, R. M., DuBose, S. N., Dimeglio, L. A., Maahs, D. M., Tamborlane, W. V.
  2015; 38 (6): 971-978
- **Change in adiposity minimally affects the lipid profile in youth with recent onset type 1 diabetes** *PEDIATRIC DIABETES*
  Shah, A. S., Dolan, L. M., Dabelea, D., Stafford, J. M., D'Agostino, R. B., Mayer-Davis, E. J., Marcovina, S., Imperatore, G., Wadwa, R. P., Daniels, S. R., Reynolds, K., Hamman, R. F., Bowlby, et al
  2015; 16 (4): 280-286
- **Refining the Closed Loop in the Data Age: Research-to-Practice Transitions in Diabetes Technology** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Forlenza, G. P., Sankaranarayanan, S., Maahs, D. M.
  2015; 17 (5): 304-306
- **Response to comment on Wong et al. Real-time continuous glucose monitoring among participants in the T1D exchange clinic registry. Diabetes Care 2014;37:2702-2709.** *Diabetes care*
  Wong, J. C., Foster, N. C., Maahs, D. M., Raghinaru, D., Bergenstal, R. M., Ahmann, A. J., Peters, A. L., Bode, B. W., Aleppo, G., Hirsch, I. B., Kleis, L., Chase, H. P., DuBose, et al
  2015; 38 (4)
- **Racial-Ethnic Disparities in Management and Outcomes Among Children With Type 1 Diabetes** *PEDIATRICS*
  Willi, S. M., Miller, K. M., Dimeglio, L. A., Klingensmith, G. J., Simmons, J. H., Tamborlane, W. V., Nadeau, K. J., Kittelsrud, J. M., Huckfeldt, P., Beck, R. W., Lipman, T. H.
  2015; 135 (3): 424-434
- **DIABETES Elevated risk of mortality in type 1 diabetes mellitus** *NATURE REVIEWS ENDOCRINOLOGY*
  Snell-Bergeon, J. K., Maahs, D. M.
  2015; 11 (3): 136-137
- **Insulin sensitivity and complications in type 1 diabetes: New insights.** *World journal of diabetes*
  Bjornstad, P., Snell-Bergeon, J. K., Nadeau, K. J., Maahs, D. M.
  2015; 6 (1): 8-16
- **Estimated insulin sensitivity predicts regression of albuminuria in Type 1 diabetes** *DIABETIC MEDICINE*
  Bjornstad, P., Maahs, D. M., JOHNSON, R. J., Rewers, M., Snell-Bergeon, J. K.
  2015; 32 (2): 257-261

- **Achieving International Society for Pediatric and Adolescent Diabetes and American Diabetes Association clinical guidelines offers cardiorenal protection for youth with type 1 diabetes.** *Pediatric diabetes*
  Bjornstad, P., Pyle, L., Nguyen, N., Snell-Bergeon, J. K., Bishop, F. K., Wadwa, R. P., Maahs, D. M.
  2015; 16 (1): 22-30
- **Achieving International Society for Pediatric and Adolescent Diabetes and American Diabetes Association clinical guidelines offers cardiorenal protection for youth with type 1 diabetes** *PEDIATRIC DIABETES*
  Bjornstad, P., Pyle, L., Nhung Nguyen, N., Snell-Bergeon, J. K., Bishop, F. K., Wadwa, R. P., Maahs, D. M.
  2015; 16 (1): 22-30
- **Renal Function Is Associated With Peak Exercise Capacity in Adolescents With Type 1 Diabetes** *DIABETES CARE*
  Bjornstad, P., Cree-Green, M., Baumgartner, A., Maahs, D. M., Cherney, D. Z., Pyle, L., Regensteiner, J. G., Reusch, J. E., Nadeau, K. J.
  2015; 38 (1): 126-131
- **Fat Mass Is Associated With Cystatin C and Estimated Glomerular Filtration Rate in Adolescents With Type 1 Diabetes.** *Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation*
  Bjornstad, P. n., Cherney, D. Z., Maahs, D. M., Nadeau, K. J.
  2015; 25 (5): 454–55
- **Towards a Verified Artificial Pancreas: Challenges and Solutions for Runtime Verification** *RUNTIME VERIFICATION, RV 2015*
  Cameron, F., Fainekos, G., Maahs, D. M., Sankaranarayanan, S.
  2015; 9333: 3-17
- **Plasma triglycerides predict incident albuminuria and progression of coronary artery calcification in adults with type 1 diabetes: The Coronary Artery Calcification in Type 1 Diabetes Study** *JOURNAL OF CLINICAL LIPIDOLOGY*
  Bjornstad, P., Maahs, D. M., Wadwa, R. P., Pyle, L., Rewers, M., Eckel, R. H., Snell-Bergeon, J. K.
  2014; 8 (6): 576-583
- **The SEARCH for Diabetes in Youth Study: Rationale, Findings, and Future Directions** *DIABETES CARE*
  Hamman, R. F., Bell, R. A., Dabelea, D., D'Agostino, R. B., Dolan, L., Imperatore, G., Lawrence, J. M., Linder, B., Marcovina, S. M., Mayer-Davis, E. J., Pihoker, C., Rodriguez, B. L., Saydah, et al
  2014; 37 (12): 3336–44
- **A novel method to detect pressure-induced sensor attenuations (PISA) in an artificial pancreas.** *Journal of diabetes science and technology*
  Baysal, N., Cameron, F., Buckingham, B. A., Wilson, D. M., Chase, H. P., Maahs, D. M., Bequette, B. W.
  2014; 8 (6): 1091-1096
- **Trends in Incidence of Type 1 Diabetes Among Non-Hispanic White Youth in the U.S., 2002-2009** *DIABETES*
  Lawrence, J. M., Imperatore, G., Dabelea, D., Mayer-Davis, E. J., Linder, B., Saydah, S., Klingensmith, G. J., Dolan, L., Standiford, D. A., Pihoker, C., Pettitt, D. J., Talton, J. W., Thomas, et al
  2014; 63 (11): 3938–45
- **Predicting major outcomes in type 1 diabetes: a model development and validation study** *DIABETOLOGIA*
  Soedamah-Muthu, S. S., Vergouwe, Y., Costacou, T., Miller, R. G., Zgibor, J., Chaturvedi, N., Snell-Bergeon, J. K., Maahs, D. M., Rewers, M., Forsblom, C., Harjutsalo, V., Groop, P., Fuller, et al
  2014; 57 (11): 2304-2314
- **ABC goal achievement predicts microvascular but not macrovascular complications over 6-years in adults with type 1 diabetes: The Coronary Artery Calcification in Type 1 Diabetes Study** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Bjornstad, P., Maahs, D. M., Rewers, M., Johnson, R. J., Snell-Bergeon, J. K.
  2014; 28 (6): 762-766
- **Insulin Sensitivity Is an Important Determinant of Renal Health in Adolescents With Type 2 Diabetes** *DIABETES CARE*
  Bjornstad, P., Maahs, D. M., Cherney, D. Z., Cree-Green, M., West, A., Pyle, L., Nadeau, K. J.
  2014; 37 (11): 3033-3039
- **Cardiovascular Disease Risk Factors in Youth With Diabetes Mellitus A Scientific Statement From the American Heart Association** *CIRCULATION*
  Maahs, D. M., Daniels, S. R., de Ferranti, S. D., Dichek, H. L., Flynn, J., Goldstein, B. I., Kelly, A. S., Nadeau, K. J., Martyn-Nemeth, P., Osganian, S. K., Quinn, L., Shah, A. S., Urbina, et al
  2014; 130 (17): 1532-U224

- **Multicenter Closed-Loop/Hybrid Meal Bolus Insulin Delivery with Type 1 Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Chase, H. P., Doyle, F. J., Zisser, H., Renard, E., Nimri, R., Cobelli, C., Buckingham, B. A., Maahs, D. M., Anderson, S., Magni, L., Lum, J., Calhoun, P., Kollman, et al
  2014; 16 (10): 623-632
- **FREQUENCY OF CONTINUOUS GLUCOSE MONITORING USE AND CHANGE IN HEMOGLOBIN A1C FOR ADULTS WITH TYPE 1 DIABETES IN A CLINICAL PRACTICE SETTING** *ENDOCRINE PRACTICE*
  McQueen, R. B., Ellis, S. L., Maahs, D. M., Anderson, H. D., Nair, K. V., Campbell, J. D.
  2014; 20 (10): 1007-1015
- **Serum uric acid predicts vascular complications in adults with type 1 diabetes: the coronary artery calcification in type 1 diabetes study** *ACTA DIABETOLOGICA*
  Bjornstad, P., Maahs, D. M., Rivard, C. J., Pyle, L., Rewers, M., Johnson, R. J., Snell-Bergeon, J. K.
  2014; 51 (5): 783-791
- **Real-Time Continuous Glucose Monitoring Among Participants in the T1D Exchange Clinic Registry** *DIABETES CARE*
  Wong, J. C., Foster, N. C., Maahs, D. M., Raghinaru, D., Bergenstal, R. M., Ahmann, A. J., Peters, A. L., Bode, B. W., Aleppo, G., Hirsch, I. B., Kleis, L., Chase, H. P., DuBose, et al
  2014; 37 (10): 2702-2709
- **Multicenter Closed-Loop Insulin Delivery Study Points to Challenges for Keeping Blood Glucose in a Safe Range by a Control Algorithm in Adults and Adolescents with Type 1 Diabetes from Various Sites** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Zisser, H., Renard, E., Kovatchev, B., Cobelli, C., Avogaro, A., Nimri, R., Magni, L., Buckingham, B. A., Chase, H. P., Doyle, F. J., Lum, J., Calhoun, P., Kollman, et al
  2014; 16 (10): 613-622
- **ISPAD Clinical Practice Consensus Guidelines 2014. Assessment and management of hypoglycemia in children and adolescents with diabetes.** *Pediatric diabetes*
  Ly, T. T., Maahs, D. M., Rewers, A., Dunger, D., Oduwole, A., Jones, T. W.
  2014; 15: 180-192
- **Assessment and management of hypoglycemia in children and adolescents with diabetes** *PEDIATRIC DIABETES*
  Ly, T. T., Maahs, D. M., Rewers, A., Dunger, D., Oduwole, A., Jones, T. W.
  2014; 15: 180-192
- **ISPAD Clinical Practice Consensus Guidelines 2014. Type 2 diabetes in the child and adolescent.** *Pediatric diabetes*
  Zeitler, P., Fu, J., Tandon, N., Nadeau, K., Urakami, T., Barrett, T., Maahs, D.
  2014; 15: 26-46
- **ISPAD Clinical Practice Consensus Guidelines 2014. Assessment and monitoring of glycemic control in children and adolescents with diabetes.** *Pediatric diabetes*
  Rewers, M. J., Pillay, K., De Beaufort, C., Craig, M. E., Hanas, R., Acerini, C. L., Maahs, D. M.
  2014; 15: 102-114
- **ISPAD Clinical Practice Consensus Guidelines 2014. The delivery of ambulatory diabetes care to children and adolescents with diabetes.** *Pediatric diabetes*
  Pihoker, C., Forsander, G., Fantahun, B., Virmani, A., Luo, X., Hallman, M., Wolfsdorf, J., Maahs, D. M.
  2014; 15: 86-101
- **Introduction to ISPAD Clinical Practice Consensus Guidelines 2014 Compendium** *PEDIATRIC DIABETES*
  Acerini, C., Craig, M. E., De Beaufort, C., Maahs, D. M., Hanas, R.
  2014; 15: 1-3
- **Introduction to the limited care guidance appendix** *PEDIATRIC DIABETES*
  Acerini, C. L., Craig, M. E., De Beaufort, C., Maahs, D. M., Pillay, K., Hanas, R.
  2014; 15: 279-280
- **The delivery of ambulatory diabetes care to children and adolescents with diabetes** *PEDIATRIC DIABETES*
  Pihoker, C., Forsander, G., Fantahun, B., Virmani, A., Luo, X., Hallman, M., Wolfsdorf, J., Maahs, D. M.
  2014; 15: 86-101
- **A practical method to measure GFR in people with type 1 diabetes** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*

Maahs, D. M., Bushman, L., Kerr, B., Ellis, S. L., Pyle, L., McFann, K., Bouffard, A., Bishop, F. K., Nguyen, N., Anderson, P. L.

2014; 28 (5): 667-673

- **Assessment and monitoring of glycemic control in children and adolescents with diabetes** *PEDIATRIC DIABETES*

  Rewers, M. J., Pillay, K., De Beaufort, C., Craig, M. E., Hanas, R., Acerini, C. L., Maahs, D. M.

  2014; 15: 102-114

- **Type 2 diabetes in the child and adolescent** *PEDIATRIC DIABETES*

  Zeitler, P., Fu, J., Tandon, N., Nadeau, K., Urakami, T., Barrett, T., Maahs, D.

  2014; 15: 26-46

- **Contrasting the clinical care and outcomes of 2,622 children with type 1 diabetes less than 6 years of age in the United States T1D Exchange and German/ Austrian DPV registries** *DIABETOLOGIA*

  Maahs, D. M., Hermann, J. M., DuBose, S. N., Miller, K. M., Heidtmann, B., Dimeglio, L. A., Rami-Merhar, B., Beck, R. W., Schober, E., Tamborlane, W. V., Kapellen, T. M., Holl, R. W.

  2014; 57 (8): 1578-1585

- **Early diabetic nephropathy in type 1 diabetes: new insights** *CURRENT OPINION IN ENDOCRINOLOGY DIABETES AND OBESITY*

  Bjornstad, P., Cherney, D., Maahs, D. M.

  2014; 21 (4): 279-286

- **Multicentre prospective validation of a urinary peptidome-based classifier for the diagnosis of type 2 diabetic nephropathy** *NEPHROLOGY DIALYSIS TRANSPLANTATION*

  Siwy, J., Schanstra, J. P., Argiles, A., Bakker, S. J., Beige, J., Boucek, P., Brand, K., Delles, C., Duranton, F., Fernandez-Fernandez, B., Jankowski, M., Al Khatib, M., Kunt, et al

  2014; 29 (8): 1563-1570

- **A Randomized Trial of a Home System to Reduce Nocturnal Hypoglycemia in Type 1 Diabetes** *DIABETES CARE*

  Maahs, D. M., Calhoun, P., Buckingham, B. A., Chase, H. P., Hramiak, I., Lum, J., Cameron, F., Bequette, B. W., Aye, T., Paul, T., Slover, R., Wadwa, R. P., Wilson, et al

  2014; 37 (7): 1885-1891

- **A randomized trial of a home system to reduce nocturnal hypoglycemia in type 1 diabetes.** *Diabetes care*

  Maahs, D. M., Calhoun, P., Buckingham, B. A., Chase, H. P., Hramiak, I., Lum, J., Cameron, F., Bequette, B. W., Aye, T., Paul, T., Slover, R., Wadwa, R. P., Wilson, et al

  2014; 37 (7): 1885-1891

- **Depression in Adults in the T1D Exchange Clinic Registry** *DIABETES CARE*

  Trief, P. M., Xing, D., Foster, N. C., Maahs, D. M., Kittelsrud, J. M., Olson, B. A., Young, L. A., Peters, A. L., Bergenstal, R. M., Miller, K. M., Beck, R. W., Weinstock, R. S.

  2014; 37 (6): 1563-1572

- **Prevalence of and Disparities in Barriers to Care Experienced by Youth with Type 1 Diabetes** *JOURNAL OF PEDIATRICS*

  Valenzuela, J. M., Seid, M., Waitzfelder, B., Anderson, A. M., Beavers, D. P., Dabelea, D. M., Dolan, L. M., Imperatore, G., Marcovina, S., Reynolds, K., Yi-Frazier, J., Mayer-Davis, E. J., SEARCH Diabet Youth Study Grp

  2014; 164 (6): 1369-+

- **Longitudinal Associations between Sex, Diabetes Self-Care, and Health-Related Quality of Life among Youth with Type 1 or Type 2 Diabetes Mellitus** *JOURNAL OF PEDIATRICS*

  Naughton, M. J., Yi-Frazier, J. P., Morgan, T. M., Seid, M., Lawrence, J. M., Klingensmith, G. J., Waitzfelder, B., Standiford, D. A., Loots, B., SEARCH Diabet Youth Study Grp

  2014; 164 (6): 1376-+

- **Association Between Glycated Hemoglobin and Health Utility for Type 1 Diabetes** *PATIENT-PATIENT CENTERED OUTCOMES RESEARCH*

  McQueen, R. B., Ellis, S. L., Maahs, D. M., Anderson, H. D., Nair, K. V., Libby, A. M., Campbell, J. D.

  2014; 7 (2): 197-205

- **Prevalence of Type 1 and Type 2 Diabetes Among Children and Adolescents From 2001 to 2009** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*

  Dabelea, D., Mayer-Davis, E. J., Saydah, S., Imperatore, G., Linder, B., Divers, J., Bell, R., Badaru, A., Talton, J. W., Crume, T., Liese, A. D., Merchant, A. T., Lawrence, et al

2014; 311 (17): 1778–86

- **Frequency of Morning Ketosis After Overnight Insulin Suspension Using an Automated Nocturnal Predictive Low Glucose Suspend System** *DIABETES CARE*
  Beck, R. W., Raghinaru, D., Wadwa, R. P., Chase, H. P., Maahs, D. M., Buckingham, B. A.
  2014; 37 (5): 1224-1229
- **Serum uric acid and insulin sensitivity in adolescents and adults with and without type 1 diabetes** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Bjornstad, P., Snell-Bergeon, J. K., McFann, K., Wadwa, R. P., Rewers, M., Rivard, C. J., Jalal, D., Chonchol, M. B., Johnson, R. J., Maahs, D. M.
  2014; 28 (3): 298-304
- **The Effects of Lowering Nighttime and Breakfast Glucose Levels with Sensor-Augmented Pump Therapy on Hemoglobin A1c Levels in Type 1 Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Chase, H. P., Westfall, E., Slover, R., Huang, S., Shin, J. J., Kaufman, F. R., Pyle, L., Snell-Bergeon, J. K.
  2014; 16 (5): 284-291
- **Update: Ambulatory Blood Pressure Monitoring in Children and Adolescents A Scientific Statement From the American Heart Association** *HYPERTENSION*
  Flynn, J. T., Daniels, S. R., Hayman, L. L., Maahs, D. M., McCrindle, B. W., Mitsnefes, M., Zachariah, J. P., Urbina, E. M.
  2014; 63 (5): 1116-1135
- **Fasting Blood Glucose-A Missing Variable for GFR-Estimation in Type 1 Diabetes?** *PLOS ONE*
  Bjornstad, P., McQueen, R. B., Snell-Bergeon, J. K., Cherney, D., Pyle, L., Perkins, B., Rewers, M., Maahs, D. M.
  2014; 9 (4)
- **Serum Uric Acid and Hypertension in Adults: A Paradoxical Relationship in Type 1 Diabetes** *JOURNAL OF CLINICAL HYPERTENSION*
  Bjornstad, P., Wadwa, R. P., Sirota, J. C., Snell-Bergeon, J. K., McFann, K., Rewers, M., Rivard, C. J., Jalal, D., Chonchol, M. B., Johnson, R. J., Maahs, D. M.
  2014; 16 (4): 283-288
- **Ideal Cardiovascular Health and the Prevalence and Progression of Coronary Artery Calcification in Adults With and Without Type 1 Diabetes** *DIABETES CARE*
  Alman, A. C., Maahs, D. M., Rewers, M. J., Snell-Bergeon, J. K.
  2014; 37 (2): 521-528
- **Changes in diet and physical activity in adolescents with and without type 1 diabetes over time.** *International journal of pediatric endocrinology*
  Bishop, F. K., Wadwa, R. P., Snell-Bergeon, J., Nguyen, N., Maahs, D. M.
  2014; 2014 (1): 17-?
- **Diabetes Self-Management Education Patterns in a US Population-Based Cohort of Youth With Type 1 Diabetes** *DIABETES EDUCATOR*
  Jaacks, L. M., Bell, R. A., Dabelea, D., D'Agostino, R. B., Dolan, L. M., Imperatore, G., Klingensmith, G., Lawrence, J. M., Saydah, S., Yi-Frazier, J., Mayer-Davis, E. J., SEARCH Diabet Youth Study Grp
  2014; 40 (1): 29–39
- **The effect of insurance status and parental education on glycemic control and cardiovascular disease risk profile in youth with Type 1 Diabetes.** *Journal of diabetes and metabolic disorders*
  Majidi, S., Wadwa, R. P., Bishop, F. K., Klingensmith, G. J., Rewers, M., McFann, K., Maahs, D. M.
  2014; 13: 59-?
- **Effectiveness of Early Intensive Therapy on beta-Cell Preservation in Type 1 Diabetes** *DIABETES CARE*
  Buckingham, B., Beck, R. W., Ruedy, K. J., Cheng, P., Kollman, C., Weinzimer, S. A., Dimeglio, L. A., Bremer, A. A., Slover, R., Tamborlane, W. V.
  2013; 36 (12): 4030-4035
- **Early Diabetic Nephropathy A complication of reduced insulin sensitivity in type 1 diabetes** *DIABETES CARE*
  Bjornstad, P., Snell-Bergeon, J. K., Rewers, M., Jalal, D., Chonchol, M. B., Johnson, R. J., Maahs, D. M.
  2013; 36 (11): 3678-3683
- **Correlates of Medical Nutrition Therapy and Cardiovascular Outcomes in Youth With Type 1 Diabetes** *JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR*
  The, N. S., Crandell, J. L., Thomas, J., Couch, S. C., Shah, A. S., Maahs, D. M., Dabelea, D., Marcovina, S. M., D'Agostino, R. B., Mayer-Davis, E. J.
  2013; 45 (6): 661-668

- **Albuminuria According to Status of Autoimmunity and Insulin Sensitivity Among Youth With Type 1 and Type 2 Diabetes** *DIABETES CARE*
  Mottl, A. K., Lauer, A., Dabelea, D., Maahs, D. M., D'Agostino, R. B., Dolan, L. M., Gilliam, L. K., Lawrence, J. M., Rodriguez, B., Marcovina, S. M., Imperatore, G., Shankar, R. K., Afkarian, et al
  2013; 36 (11): 3633-3638
- **The Association between Vitamin D and Vascular Stiffness in Adolescents with and without Type 1 Diabetes** *PLOS ONE*
  Lieberman, R., Wadwa, R. P., Nhung Nguyen, N., Bishop, F. K., Reinick, C., Snell-Bergeon, J. K., Maahs, D. M.
  2013; 8 (10)
- **Factors Associated With Microalbuminuria in 7,549 Children and Adolescents With Type 1 Diabetes in the T1D Exchange Clinic Registry** *DIABETES CARE*
  Daniels, M., DuBose, S. N., Maahs, D. M., Beck, R. W., Fox, L. A., Gubitosi-Klug, R., Laffel, L. M., Miller, K. M., Speer, H., Tamborlane, W. V., Tansey, M. J.
  2013; 36 (9): 2639-2645
- **Impaired Renal Function Further Increases Odds of 6-Year Coronary Artery Calcification Progression in Adults With Type 1 Diabetes: The CACTI study** *DIABETES CARE*
  Maahs, D. M., Jalal, D., Chonchol, M., Johnson, R. J., Rewers, M., Snell-Bergeon, J. K.
  2013; 36 (9): 2607-2614
- **Outpatient Safety Assessment of an In-Home Predictive Low-Glucose Suspend System with Type 1 Diabetes Subjects at Elevated Risk of Nocturnal Hypoglycemia** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Buckingham, B. A., Cameron, F., Calhoun, P., Maahs, D. M., Wilson, D. M., Chase, H. P., Bequette, B. W., Lum, J., Sibayan, J., Beck, R. W., Kollman, C.
  2013; 15 (8): 622-627
- **Uric Acid Lowering to Prevent Kidney Function Loss in Diabetes: The Preventing Early Renal Function Loss (PERL) Allopurinol Study** *CURRENT DIABETES REPORTS*
  Maahs, D. M., Caramori, L., Cherney, D. Z., Galecki, A. T., Gao, C., Jalal, D., Perkins, B. A., Pop-Busui, R., Rossing, P., Mauer, M., Doria, A.
  2013; 13 (4): 550-559
- **Severe Hypoglycemia and Diabetic Ketoacidosis in Adults With Type 1 Diabetes: Results From the T1D Exchange Clinic Registry** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Weinstock, R. S., Xing, D., Maahs, D. M., Michels, A., Rickels, M. R., Peters, A. L., Bergenstal, R. M., Harris, B., DuBose, S. N., Miller, K. M., Beck, R. W.
  2013; 98 (8): 3411-3419
- **Renal Hyperfiltration and Systemic Blood Pressure in Patients with Uncomplicated Type 1 Diabetes Mellitus** *PLOS ONE*
  Yang, G. K., Maahs, D. M., Perkins, B. A., Cherney, D. Z.
  2013; 8 (7)
- **Most Youth With Type 1 Diabetes in the T1D Exchange Clinic Registry Do Not Meet American Diabetes Association or International Society for Pediatric and Adolescent Diabetes Clinical Guidelines** *DIABETES CARE*
  Wood, J. R., Miller, K. M., Maahs, D. M., Beck, R. W., Dimeglio, L. A., Libman, I. M., Quinn, M., Tamborlane, W. V., Woerner, S. E.
  2013; 36 (7): 2035-2037
- **Identification of Minimal Clinically Important Difference Scores of the PedsQL in Children, Adolescents, and Young Adults With Type 1 and Type 2 Diabetes** *DIABETES CARE*
  Hilliard, M. E., Lawrence, J. M., Modi, A. C., Anderson, A., Crume, T., Dolan, L. M., Merchant, A. T., Yi-Frazier, J. P., Hood, K. K., SEARCH Diabet Youth Study Grp
  2013; 36 (7): 1891–97
- **Prospective Association Between Inflammatory Markers and Progression of Coronary Artery Calcification in Adults With and Without Type 1 Diabetes** *DIABETES CARE*
  Alman, A. C., Kinney, G. L., Tracy, R. P., Maahs, D. M., Hoicanson, J. E., Rewers, M. J., Snell-Bergeon, J. K.
  2013; 36 (7): 1967-1973
- **Transition From Pediatric to Adult Care for Youth Diagnosed With Type 1 Diabetes in Adolescence** *PEDIATRICS*
  Lotstein, D. S., Seid, M., Klingensmith, G., Case, D., Lawrence, J. M., Pihoker, C., Dabelea, D., Mayer-Davis, E. J., Gilliam, L. K., Corathers, S., Imperatore, G., Dolan, L., Anderson, et al
  2013; 131 (4): E1062–E1070
- **Physical activity, sedentary behaviors, physical fitness, and their relation to health outcomes in youth with type 1 and type 2 diabetes: A review of the epidemiologic literature** *JOURNAL OF SPORT AND HEALTH SCIENCE*

Liese, A. D., Ma, X., Maahs, D. M., Trilk, J. L.
2013; 2 (1): 21-38

- **BENEFITS OF ACCELEROMETER AND HEART RATE DATA FOR HYPOGLYCEMIA MITIGATION**
  Cameron, F., Stenerson, M., Wilson, D. M., Maahs, D. M., Mayer-Davis, E. J., Bequette, B. W., Buckingham, B. A.
  MARY ANN LIEBERT INC.2013: A93–A93
- **Estimated Insulin Sensitivity and Cardiovascular Disease Risk Factors in Adolescents with and without Type 1 Diabetes** *JOURNAL OF PEDIATRICS*
  Specht, B. J., Wadwa, R. P., Snell-Bergeon, J. K., Nadeau, K. J., Bishop, F. K., Maahs, D. M.
  2013; 162 (2): 297-301
- **USING ACTIVITY MONITORS TO IMPROVE CGM SENSOR ANOMALY DETECTION**
  BAYSAL, N., Cameron, F., Stenerson, M., Buckingham, B. A., Wilson, D. M., Mayer-Davis, E. J., Maahs, D. M., Bequette, B. W.
  MARY ANN LIEBERT INC.2013: A2–A2
- **Glucose Control Predicts 2-Year Change in Lipid Profile in Youth with Type 1 Diabetes** *JOURNAL OF PEDIATRICS*
  Maahs, D. M., Dabelea, D., D'Agostino, R. B., Andrews, J. S., Shah, A. S., Crimmins, N., Mayer-Davis, E. J., Marcovina, S., Imperatore, G., Wadwa, R. P., Daniels, S. R., Reynolds, K., Hamman, et al
  2013; 162 (1): 101-U127
- **The association between vitamin D and vascular stiffness in adolescents with and without type 1 diabetes.** *PloS one*
  Lieberman, R., Wadwa, R. P., Nguyen, N., Bishop, F. K., Reinick, C., Snell-Bergeon, J. K., Maahs, D. M.
  2013; 8 (10)
- **Lower A1c among adolescents with lower perceived A1c goal: a cross-sectional survey.** *International journal of pediatric endocrinology*
  Clements, S. A., Anger, M. D., Bishop, F. K., McFann, K. K., Klingensmith, G. J., Maahs, D. M., Wadwa, R. P.
  2013; 2013 (1): 17-?
- **The Importance of Palmitoleic Acid to Adipocyte Insulin Resistance and Whole-Body Insulin Sensitivity in Type 1 Diabetes** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Bergman, B. C., Howard, D., Schauer, I. E., Maahs, D. M., Snell-Bergeon, J. K., Clement, T. W., Eckel, R. H., Perreault, L., Rewers, M.
  2013; 98 (1): E40-E50
- **Randomized Nutrition Education Intervention to Improve Carbohydrate Counting in Adolescents with Type 1 Diabetes Study: Is More Intensive Education Needed?** *JOURNAL OF THE ACADEMY OF NUTRITION AND DIETETICS*
  Spiegel, G., Bortsov, A., Bishop, F. K., Owen, D., Klingensmith, G. J., Mayer-Davis, E. J., Maahs, D. M.
  2012; 112 (11): 1736-1746
- **Implementation of proteomic biomarkers: making it work** *EUROPEAN JOURNAL OF CLINICAL INVESTIGATION*
  Mischak, H., Ioannidis, J. P., Argiles, A., Attwood, T. K., Bongcam-Rudloff, E., Broenstrup, M., Charonis, A., Chrousos, G. P., Delles, C., Dominiczak, A., Dylag, T., Ehrich, J., Egido, et al
  2012; 42 (9): 1027-1036
- **Inpatient studies of a Kalman-filter-based predictive pump shutoff algorithm.** *Journal of diabetes science and technology*
  Cameron, F., Wilson, D. M., Buckingham, B. A., Arzumanyan, H., Clinton, P., Chase, H. P., Lum, J., Maahs, D. M., Calhoun, P. M., Bequette, B. W.
  2012; 6 (5): 1142-1147
- **Outpatient Assessment of Determinants of Glucose Excursions in Adolescents with Type 1 Diabetes: Proof of Concept** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Mayer-Davis, E., Bishop, F. K., Wang, L., Mangan, M., McMurray, R. G.
  2012; 14 (8): 658-664
- **Demographic and Clinical Correlates of Diabetes-Related Quality of Life among Youth with Type 1 Diabetes** *JOURNAL OF PEDIATRICS*
  Lawrence, J. M., Yi-Frazier, J. P., Black, M., Anderson, A., Hood, K., Imperatore, G., Klingensmith, G. J., Naughton, M., Mayer-Davis, E. J., Seid, M., SEARCH Diabet Youth Study Grp
  2012; 161 (2): 201-+
- **Early Detection of Kidney Disease in Type 1 Diabetes: What Do We Really Know?** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M.
  2012; 14 (7): 541-544

- **Cardiovascular Disease in Children and Adolescents with Diabetes: Where Are We, and Where Are We Going?** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Truong, U. T., Maahs, D. M., Daniels, S. R.
  2012; 14: S11-S21
- **Current Knowledge and Future Directions on Cardiovascular Disease in Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Snell-Bergeon, J. K.
  2012; 14: S75-S76
- **Cardiovascular Disease (CVD) Limbo: How Soon and Low Should We Go to Prevent CVD in Diabetes?** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M.
  2012; 14 (6): 449-452
- **Features of Hepatic and Skeletal Muscle Insulin Resistance Unique to Type 1 Diabetes** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Bergman, B. C., Howard, D., Schauer, I. E., Maahs, D. M., Snell-Bergeon, J. K., Eckel, R. H., Perreault, L., Rewers, M.
  2012; 97 (5): 1663-1672
- **Adiponectin Dysregulation and Insulin Resistance in Type 1 Diabetes** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Pereira, R. I., Snell-Bergeon, J. K., Erickson, C., Schauer, I. E., Bergman, B. C., Rewers, M., Maahs, D. M.
  2012; 97 (4): E642-E647
- **Novel Urinary Protein Biomarkers Predicting the Development of Microalbuminuria and Renal Function Decline in Type 1 Diabetes** *DIABETES CARE*
  Schlatzer, D., Maahs, D. M., Chance, M. R., Dazard, J., Li, X., Hazlett, F., Rewers, M., Snell-Bergeon, J. K.
  2012; 35 (3): 549-555
- **Is Carbohydrate Counting Enough? Towards Perfection or Unwanted Complexity?** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Higgins, J.
  2012; 14 (1): 3-5
- **Update on care of children with type 1 diabetes.** *Advances in pediatrics*
  Majidi, S., Maahs, D. M.
  2012; 59 (1): 303-327
- **Lessons learned from a lipid lowering trial in adolescents with type 1 diabetes.** *International journal of pediatric endocrinology*
  Bishop, F. K., Wadwa, R. P., Ellis, S., Rewers, M., Maahs, D. M.
  2012; 2012 (1): 24-?
- **Sugar-sweetened and diet beverage consumption is associated with cardiovascular risk factor profile in youth with type 1 diabetes** *ACTA DIABETOLOGICA*
  Bortsov, A. V., Liese, A. D., Bell, R. A., Dabelea, D., D'Agostino, R. B., Hamman, R. F., Klingensmith, G. J., Lawrence, J. M., Maahs, D. M., McKeown, R., Marcovina, S. M., Thomas, J., Williams, et al
  2011; 48 (4): 275-282
- **More Atherogenic High Density Lipoprotein Profile in Insulin Resistant Adolescents with Type 1 Diabetes**
  Maahs, D. M., Ferland, A., Kinney, G. L., Wang, H., West, A., Hokanson, J., Eckel, R., Nadeau, K.
  LIPPINCOTT WILLIAMS & WILKINS.2011
- **Age and Sex Influence Cystatin C in Adolescents With and Without Type 1 Diabetes** *DIABETES CARE*
  Maahs, D. M., Prentice, N., McFann, K., Snell-Bergeon, J. K., Jalal, D., Bishop, F. K., Aragon, B., Wadwa, R. P.
  2011; 34 (11): 2360-2362
- **Childhood obesity and cardiovascular disease: links and prevention strategies** *NATURE REVIEWS CARDIOLOGY*
  Nadeau, K. J., Maahs, D. M., Daniels, S. R., Eckel, R. H.
  2011; 8 (9): 513-525
- **Adherence to Guidelines for Youths With Diabetes Mellitus** *PEDIATRICS*
  Waitzfelder, B., Pihoker, C., Klingensmith, G., Case, D., Anderson, A., Bell, R. A., Lawrence, J. M., Mayer-Davis, E. J., Imperatore, G., Standiford, D., Rodriguez, B. L., Dabelea, D., Seid, et al
  2011; 128 (3): 531–38

- **Uric Acid as a Mediator of Diabetic Nephropathy** *SEMINARS IN NEPHROLOGY*
  Jalal, D. I., Maahs, D. M., Hovind, P., Nakagawa, T.
  2011; 31 (5): 459-465
- **Prevention of Overweight/Obesity as a Strategy to Optimize Cardiovascular Health** *CIRCULATION*
  Cornier, M., Marshall, J. A., Hill, J. O., Maahs, D. M., Eckel, R. H.
  2011; 124 (7): 840-850
- **Systematic Shifts in Cystatin C Between 2006 and 2010** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*
  Maahs, D. M., Jalal, D., McFann, K., Rewers, M., Snell-Bergeon, J. K.
  2011; 6 (8): 1952-1955
- **Insulin Regimen-associated Differences in Diets of Preadolescents with Type 1 Diabetes Response** *JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR*
  Bortsov, A., Liese, A. D., Bell, R. A., Dabelea, D., D'Agostino, R. B., Hamman, R. F., Klingensmith, G. J., Lawrence, J. M., Maahs, D. M., McKeown, R., Marcovina, S. M., Thomas, J., Mayer-Davis, et al
  2011; 43 (3): E6
- **Lipoprotein-Associated Phospholipase A(2) Activity Predicts Progression of Subclinical Coronary Atherosclerosis** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Kinney, G. L., Snell-Bergeon, J. K., Maahs, D. M., Eckel, R. H., Ehrlich, J., Rewers, M., Hokanson, J. E.
  2011; 13 (3): 381-387
- **Correlates of Dietary Intake in Youth with Diabetes: Results from the SEARCH for Diabetes in Youth Study** *JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR*
  Bortsov, A., Liese, A. D., Bell, R. A., Dabelea, D., D'Agostino, R. B., Hamman, R. F., Klingensmith, G. J., Lawrence, J. M., Maahs, D. M., McKeown, R., Marcovina, S. M., Thomas, J., Mayer-Davis, et al
  2011; 43 (2): 123-129
- **Association of insulin sensitivity to lipids across the lifespan in people with Type 1 diabetes** *DIABETIC MEDICINE*
  Maahs, D. M., Nadeau, K., Snell-Bergeon, J. K., Schauer, I., Bergman, B., West, N. A., Rewers, M., Daniels, S. R., Ogden, L. G., Hamman, R. F., Dabelea, D.
  2011; 28 (2): 148-155
- **Development, validation and use of an insulin sensitivity score in youths with diabetes: the SEARCH for Diabetes in Youth study** *DIABETOLOGIA*
  Dabelea, D., D'Agostino, R. B., Mason, C. C., West, N., Hamman, R. F., Mayer-Davis, E. J., Maahs, D., Klingensmith, G., Knowler, W. C., Nadeau, K.
  2011; 54 (1): 78-86
- **Insulin Resistance, Defective Insulin-Mediated Fatty Acid Suppression, and Coronary Artery Calcification in Subjects With and Without Type 1 Diabetes The CACTI Study** *DIABETES*
  Schauer, I. E., Snell-Bergeon, J. K., Bergman, B. C., Maahs, D. M., Kretowski, A., Eckel, R. H., Rewers, M.
  2011; 60 (1): 306-314
- **Angiogenic growth factors correlate with disease severity in young patients with autosomal dominant polycystic kidney disease** *KIDNEY INTERNATIONAL*
  Reed, B. Y., Masoumi, A., Elhassan, E., McFann, K., Cadnapaphornchai, M. A., Maahs, D. M., Snell-Bergeon, J. K., Schrier, R. W.
  2011; 79 (1): 128-134
- **Association of glycaemia with lipids in adults with type 1 diabetes: modification by dyslipidaemia medication** *DIABETOLOGIA*
  Maahs, D. M., Ogden, L. G., Dabelea, D., Snell-Bergeon, J. K., Daniels, S. R., Hamman, R. F., Rewers, M.
  2010; 53 (12): 2518-2525
- **Report of the 36th ISPAD meeting, Buenos Aires, Argentina, 27-30 October 2010** *PEDIATRIC DIABETES*
  Benitez-Aguirre, P., Maahs, D. M.
  2010; 11 (8): 583-591
- **Glycaemic variability is associated with coronary artery calcium in men with Type 1 diabetes: the Coronary Artery Calcification in Type 1 Diabetes study** *DIABETIC MEDICINE*
  Snell-Bergeon, J. K., Roman, R., Rodbard, D., Garg, S., Maahs, D. M., Schauer, I. E., Bergman, B. C., Kinney, G. L., Rewers, M.
  2010; 27 (12): 1436-1442
- **Serum Uric Acid Predicts Progression of Subclinical Coronary Atherosclerosis in Individuals Without Renal Disease** *DIABETES CARE*
  Rodrigues, T. C., Maahs, D. M., Johnson, R. J., Jalal, D. I., Kinney, G. L., Rivard, C., Rewers, M., Snell-Bergeon, J. K.

2010; 33 (11): 2471-2473

- **Urinary proteomic diagnosis of coronary artery disease: identification and clinical validation in 623 individuals** *JOURNAL OF HYPERTENSION*
  Delles, C., Schiffer, E., von zur Muhlen, C., Peter, K., Rossing, P., Parving, H., Dymott, J. A., Neisius, U., Zimmerli, L. U., Snell-Bergeon, J. K., Maahs, D. M., Schmieder, R. E., Mischak, et al
  2010; 28 (11): 2316-2322

- **Urinary Collagen Fragments Are Significantly Altered in Diabetes: A Link to Pathophysiology** *PLOS ONE*
  Maahs, D. M., Siwy, J., Argiles, A., Cerna, M., Delles, C., Dominiczak, A. F., Gayrard, N., Iphoefer, A., Jaensch, L., Jerums, G., Medek, K., Mischak, H., Navis, et al
  2010; 5 (9)

- **Epidemiology of Type 1 Diabetes** *ENDOCRINOLOGY AND METABOLISM CLINICS OF NORTH AMERICA*
  Maahs, D. M., West, N. A., Lawrence, J. M., Mayer-Davis, E. J.
  2010; 39 (3): 481-?

- **Prevalence and Correlates of Elevated Blood Pressure in Youth with Diabetes Mellitus: The Search for Diabetes in Youth Study** *JOURNAL OF PEDIATRICS*
  Rodriguez, B. L., Dabelea, D., Liese, A. D., Fujimoto, W., Waitzfelder, B., Liu, L., Bell, R., Talton, J., Snively, B. M., Kershnar, A., Urbina, E., Daniels, S., Imperatore, et al
  2010; 157 (2): 245–U102

- **Lipoprotein Subfraction Cholesterol Distribution Is Proatherogenic in Women With Type 1 Diabetes and Insulin Resistance** *DIABETES*
  Maahs, D. M., Hokanson, J. E., Wang, H., Kinney, G. L., Snell-Bergeon, J. K., East, A., Bergman, B. C., Schauer, I. E., Rewers, M., Eckel, R. H.
  2010; 59 (7): 1771-1779

- **Metabolic Screening in Children Receiving Antipsychotic Drug Treatment (vol 164, pg 344, 2010)** *ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE*
  Morrato, E. H., Nicol, G. E., Maahs, D., Druss, B. G., Hartung, D. M., Valuck, R. J., Campagna, E., Newcomer, J. W.
  2010; 164 (6): 584-584

- **Serum uric acid levels predict the development of albuminuria over 6 years in patients with type 1 diabetes: findings from the Coronary Artery Calcification in Type 1 Diabetes study** *NEPHROLOGY DIALYSIS TRANSPLANTATION*
  Jalal, D. I., Rivard, C. J., Johnson, R. J., Maahs, D. M., McFann, K., Rewers, M., Snell-Bergeon, J. K.
  2010; 25 (6): 1865-1869

- **The Use of Insulin Pumps in Youth with Type 1 Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Horton, L. A., Chase, H. P.
  2010; 12: S59-S65

- **Higher Fibrinogen Levels Predict Progression of Coronary Artery Calcification in Adults with Type 1 Diabetes** *ATHEROSCLEROSIS*
  Rodrigues, T. C., Snell-Bergeon, J. K., Maahs, D. M., Kinney, G. L., Rewers, M.
  2010; 210 (2): 671-673

- **Metabolic Screening in Children Receiving Antipsychotic Drug Treatment** *ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE*
  Morrato, E. H., Nicol, G. E., Maahs, D., Druss, B. G., Hartung, D. M., Valuck, R. J., Campagna, E., Newcomer, J. W.
  2010; 164 (4): 344-351

- **Progression to microalbuminuria in type 1 diabetes: development and validation of a prediction rule** *DIABETOLOGIA*
  Vergouwe, Y., Soedamah-Muthu, S. S., Zgibor, J., Chaturvedi, N., Forsblom, C., Snell-Bergeon, J. K., Maahs, D. M., Groop, P., Rewers, M., Orchard, T. J., Fuller, J. H., Moons, K. G.
  2010; 53 (2): 254-262

- **Relationship Between Cystatin C and Coronary Artery Atherosclerosis Progression Differs by Type 1 Diabetes** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Maahs, D. M., Snell-Bergeon, J. K., Hokanson, J. E., Kinney, G. L., Berl, T., Rewers, M., Ogden, L. G.
  2010; 12 (1): 25-33

- **Oral Health Knowledge and Behaviors among Adolescents with Type 1 Diabetes.** *International journal of dentistry*
  Orlando, V. A., Johnson, L. R., Wilson, A. R., Maahs, D. M., Wadwa, R. P., Bishop, F. K., Dong, F., Morrato, E. H.
  2010; 2010: 942124-?

- **Serum Uric Acid Predicts Progression of Coronary Artery Calcification in Adults With Type 1 Diabetes**
  Rodrigues, T. C., Veyna, A., Maahs, D. M., Kinney, G. L., Rewers, M., Snell-Bergeon, J. K.
  LIPPINCOTT WILLIAMS & WILKINS.2009: S538
- **Higher Fibrinogen Levels Predict Progression of Coronary Artery Calcification in Adults With Type 1 Diabetes**
  Rodrigues, T. C., Snell-Bergeon, J. K., Maahs, D. M., Kinney, G. L., Rewers, M.
  LIPPINCOTT WILLIAMS & WILKINS.2009: S537
- **Lifestyle risk factors for atherosclerosis in adults with type 1 diabetes** *DIABETES & VASCULAR DISEASE RESEARCH*
  Bishop, F. K., Maahs, D. M., Snell-Bergeon, J. K., Ogden, L. G., Kinney, G. L., Rewers, M.
  2009; 6 (4): 269-275
- **The Association between Adiponectin/Leptin Ratio and Diabetes Type: The SEARCH for Diabetes in Youth Study** *JOURNAL OF PEDIATRICS*
  Maahs, D. M., Hamman, R. F., D'Agostino, R., Dolan, L. M., Imperatore, G., Lawrence, J. M., Marcovina, S. M., Mayer-Davis, E. J., Pihoker, C., Dabelea, D.
  2009; 155 (1): 133-135
- **Adults with type 1 diabetes eat a high-fat atherogenic diet that is associated with coronary artery calcium** *DIABETOLOGIA*
  Snell-Bergeon, J. K., Chartier-Logan, C., Maahs, D. M., Ogden, L. G., Hokanson, J. E., Kinney, G. L., Eckel, R. H., Ehrlich, J., Rewers, M.
  2009; 52 (5): 801-809
- **Prevalence and Correlates of Depression in Individuals With and Without Type 1 Diabetes** *DIABETES CARE*
  Gendelman, N., Snell-Bergeon, J. K., McFann, K., Kinney, G., Wadwa, R. P., Bishop, F., Rewers, M., Maahs, D. M.
  2009; 32 (4): 575-579
- **Brachial Artery Distensibility and Coronary Artery Calcium: The Coronary Artery Calcification in Type 1 Diabetes Study**
  Bergeon, J., Wadwa, R., Kinney, G. L., Maahs, D. M., Hokanson, J. E., Rewers, M.
  LIPPINCOTT WILLIAMS & WILKINS.2009: E334–E335
- **Evaluation of Urinary Biomarkers for Coronary Artery Disease, Diabetes, and Diabetic Kidney Disease** *DIABETES TECHNOLOGY & THERAPEUTICS*
  Snell-Bergeon, J. K., Maahs, D. M., Ogden, L. G., Kinney, G. L., Hokanson, J. E., Schiffer, E., Rewers, M., Mischak, H.
  2009; 11 (1): 1-9
- **Type 1 Diabetes Mellitus and Exercise** *DIABETES AND EXERCISE*
  Maahs, D., Taplin, C. E., Fiallo-Scharer, R., Regensteiner, J. G., Reusch, J. E., Stewart, K. J., Veves, A.
  2009: 291–99
- **Weight and elevated albumin to creatinine ratio in youth with diabetes: the SEARCH for Diabetes in Youth study** *PEDIATRIC NEPHROLOGY*
  Maahs, D. M., Snively, B. M., Beyer, J., Imperatore, G., Bell, R., Mayer-Davis, E. J., Dolan, L. M., Pettitt, D. J., Hirsch, I., Rodriguez, B., Dabelea, D.
  2008; 23 (12): 2255-2260
- **Birth weight [corrected] and elevated albumin to creatinine ratio in youth with diabetes: the SEARCH for Diabetes in Youth study.** *Pediatric nephrology*
  Maahs, D. M., Snively, B. M., Beyer, J., Imperatore, G., Bell, R., Mayer-Davis, E. J., Dolan, L. M., Pettitt, D. J., Hirsch, I., Rodriguez, B., Dabelea, D.
  2008; 23 (12): 2255-2260
- **Dyslipidemia in Youth with Diabetes: To Treat or Not to Treat?** *JOURNAL OF PEDIATRICS*
  Maahs, D. M., Wadwa, R. P., Bishop, F., Daniels, S. R., Rewers, M., Klingensmith, G. J.
  2008; 153 (4): 458-465
- **Insulin Resistance in Type 1 Diabetes Correlates With Coronary Artery Calcification**
  Schauer, I., Bergman, B., Snell-Bergeon, J., Maahs, D. M., Eckel, R. H., Rewers, M.
  MARY ANN LIEBERT INC.2008: 1242
- **The urinary proteome in diabetes and diabetes-associated complications: New ways to assess disease progression and evaluate therapy** *PROTEOMICS CLINICAL APPLICATIONS*
  Rossing, K., Mischak, H., Rossing, P., Schanstra, J. P., Wiseman, A., Maahs, D. M.
  2008; 2 (7-8): 997-1007
- **Determinants of adiponectin levels in young people with Type 1 diabetes** *DIABETIC MEDICINE*
  Barnes, M. M., Curran-Everett, D., Hamman, R. F., Maahs, D., Mayer-Davis, E. J., D'Agostin, R. B., West, N., Dabelea, D.
  2008; 25 (3): 365-369

- **Mediators of Insulin Resistance** *INSULIN RESISTANCE: CHILDHOOD PRECURSORS AND ADULT DISEASE*
  Pereira, R. I., Maahs, D. M., Zeitler, P. S., Nadeau, K. J.
  2008: 161–77
- **A pediatric perspective: Adult problems in kids, new challenges in pediatric diabetes** *PEDIATRIC DIABETES*
  Maahs, D. M., Daniels, S. R.
  2007; 8 (6): 349-351
- **Serum cystatin C predicts progression of subclinical coronary atherosclerosis in individuals with type 1 diabetes** *DIABETES*
  Maahs, D. M., Ogden, L. G., Kretowski, A., Snell-Bergeon, J. K., Kinney, G. L., Berl, T., Rewers, M.
  2007; 56 (11): 2774-2779
- **LpPLA(2) predicts progression of coronary calcification**
  Kinney, G. L., Snell-Bergeon, J. K., Maahs, D. M., Ogden, L. G., Eckel, R. H., Ehrlich, J., Rewers, M., Holkanson, J. E.
  LIPPINCOTT WILLIAMS & WILKINS.2007: 818
- **Higher prevalence of elevated albumin excretion in youth with type 2 than type I diabetes** *DIABETES CARE*
  Maahs, D. M., Snively, B. M., Bell, R. A., Dolan, L., Hirsch, I., Imperatore, G., Linder, B., Marcovina, S. M., Mayer-Davis, E. J., Pettitt, D. J., Rodriguez, B. L., Dabelea, D.
  2007; 30 (10): 2593-2598
- **Determinants of serum adiponectin in persons with and without type 1 diabetes** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
  Maahs, D. M., Ogden, L. G., Snell-Bergeon, J. K., Kinney, G. L., Wadwal, R. P., Hokanson, J. E., Dabelea, D., Kretowskil, A., Eckel, R. H., Rewers, M.
  2007; 166 (6): 731-740
- **ACE-I/ARB treatment in type 1 diabetes patients with albuminuria is associated with lower odds of progression of coronary artery calcification** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Maahs, D. M., Snell-Bergeon, J. K., Kinney, G. L., Wadwa, R. P., Garg, S., Ogden, L. G., Rewers, M.
  2007; 21 (5): 273-279
- **Polymorphisms of the renin-angiotensin system genes predict progression of subclinical coronary atherosclerosis** *DIABETES*
  Kretowski, A., McFann, K., Hokanson, J. E., Maahs, D., Kinney, G., Snell-Bergeon, J. K., Wadwa, R. P., Eckel, R. H., Ogden, L., Garg, S., Li, J., Cheng, S., Erlich, et al
  2007; 56 (3): 863-871
- **Longitudinal lipid screening and use of lipid-lowering medications in pediatric type 1 diabetes** *JOURNAL OF PEDIATRICS*
  Maahs, D. M., Wadwa, R. P., McFann, K., Nadeau, K., Williams, M. R., Eckel, R. H., Klingensmith, G. J.
  2007; 150 (2): 146-150
- **Editorial: Mortality and renal disease in type 1 diabetes mellitus- Progress made, more to be done** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
  Maahs, D. M., Rewers, M.
  2006; 91 (10): 3757-3759
- **The apolipoprotein A-IV Gln360His polymorphism predicts progression of coronary artery calcification in patients with type 1 diabetes** *DIABETOLOGIA*
  Kretowski, A., Hokanson, J. E., McFann, K., Kinney, G. L., Snell-Bergeon, J. K., Maahs, D. M., Wadwa, R. P., Eckel, R. H., Ogden, L. G., Garg, S. K., Cheng, J. L., Erlich, H. A., Rewers, et al
  2006; 49 (8): 1946-1954
- **Assessing weight-related quality of life in adolescents** *OBESITY*
  Kolotkin, R. L., Zeller, M., Modi, A. C., Samsa, G. P., Quinlan, N. P., Yanovski, J. A., Bell, S. K., Maahs, D. M., de Serna, D. G., Roehrig, H. R.
  2006; 14 (3): 448-457
- **Longitudinal lipid screening and use of lipid-lowering medications in pediatric type 1 diabetes mellitus**
  Williams, M. R., Maahs, D. M., McFann, K., Nadeau, K., Klingensmith, G. J., Eckel, R. H., Wadwa, R. P.
  LIPPINCOTT WILLIAMS & WILKINS.2006: E355
- **Soluble interleukin-2 receptor as a marker for progression of coronary artery calcification in type 1 diabetes** *INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY*
  Wadwa, R. P., Kinney, G. L., Ogden, L., Snell-Bergeon, J. K., Maahs, D. M., Cornell, E., Tracy, R. P., Rewers, M.

2006; 38 (5-6): 996-1003

- **Randomized, double-blind, placebo-controlled trial of orlistat for weight loss in adolescents.** *Endocrine practice*
  Maahs, D., De Serna, D. G., Kolotkin, R. L., Ralston, S., Sandate, J., Qualls, C., Schade, D. S.
  2006; 12 (1): 18-28
- **Total cholesterol and high-density lipoprotein levels in pediatric subjects with type 1 diabetes mellitus** *JOURNAL OF PEDIATRICS*
  Maahs, D. M., Maniatis, A. K., Nadeau, K., Wadwa, R. P., McFann, K., Klingensmith, G. J.
  2005; 147 (4): 544-546
- **Awareness and treatment of dyslipidemia in young adults with type 1 diabetes** *DIABETES CARE*
  Wadwa, R. P., Kinney, G. L., Maahs, D. M., Snell-Bergeon, J., Hokanson, J. E., Garg, S. K., Eckel, R. H., Rewers, M.
  2005; 28 (5): 1051-1056
- **Homocysteine in subjects with type 1 diabetes: Determinants and relationship to progression of coronary artery calcification**
  Maahs, D. M., Snell-Bergeon, J., Kinney, G. L., Ogden, L., Wadwa, R. P., Eckel, R. H., Rewers, M.
  LIPPINCOTT WILLIAMS & WILKINS.2005: E189
- **Total cholesterol and high density lipoprotein levels in pediatric subjects with type 1 diabetes mellitus**
  Maahs, D. M., Maniatis, A., Nadeau, K., Wadwa, R. P., McFann, K., Klingensmith, G. J.
  LIPPINCOTT WILLIAMS & WILKINS.2005: E188
- **Low plasma adiponectin levels predict progression of coronary artery calcification** *CIRCULATION*
  Maahs, D. M., Ogden, L. G., Kinney, G. L., Wadwa, P., Snell-Bergeon, J. K., Dabelea, D., Hokanson, J. E., Ehrlich, J., Eckel, R. H., Rewers, M.
  2005; 111 (6): 747-753
- **Hypertension prevalence, awareness, treatment, and control in an adult type 1 diabetes population and a comparable general population** *DIABETES CARE*
  Maahs, D. M., Hokanson, J., Kinney, G. L., Ehrlich, J., Wadwa, P., Garg, S., Snell-Bergeon, J. K., Eckel, R. H., Dabelea, D., Rewers, M. J.
  2005; 28 (2): 301-306
- **A randomized double blind placebo controlled trial of orlistat for weight loss in obese adolescents**
  Maahs, D. M., Gonzalez-Serna, D., Ralston, S., Kolotkin, R. L., Schade, D.
  INT PEDIATRIC RESEARCH FOUNDATION, INC.2004: 147A