






## Darrell Wilson

Professor of Pediatrics (Endocrinology) at the Lucile Salter Packard Children's Hospital  
Pediatrics - Endocrinology and Diabetes

 NIH Biosketch available Online

 Curriculum Vitae available Online

 Resume available Online

### CLINICAL OFFICES

- **Medicine Specialties Clinic**

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Palo Alto, CA 94304

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### Bio

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### CLINICAL FOCUS

- Endocrinology/Diabetes, Pediatric
- Pediatrics

### ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Pediatrics - Endocrinology and Diabetes
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)

### ADMINISTRATIVE APPOINTMENTS

- Member, Stanford Diabetes Research Center, (2017- present)
- Chief, Division of Pediatric Endocrinology and Diabetes, (2004-2015)

### HONORS AND AWARDS

- See CV at this site, See CV at this site (present)

### PROFESSIONAL EDUCATION

- Board Certification: Pediatric Endocrinology, American Board of Pediatrics (1995)
- Board Certification, American Board of Pediatrics , Pediatrics (1982)
- Board Certification, American Board of Pediatrics , Pediatric Endocrinology (1995)
- Fellowship: Stanford University School of Medicine Registrar (1984) CA
- Residency: Stanford University School of Medicine Registrar (1980) CA
- Internship: Stanford University School of Medicine (1978) CA
- Medical Education: UCSD Medical Center (1977) CA

## LINKS

- Divisional Site: <http://dped.stanford.edu>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests cover a number of areas in Pediatric Endocrinology and Diabetes. I am PI of the Stanford Center for the NIH-funded Type-1 Diabetes TrialNet group. TrialNet conducts clinical trials directed at preventing or delaying the onset of Type 1 diabetes. I am an investigator in DirecNet, another NIH-funded study group, which is devoted to evaluating glucose sensors and the role of technology on the management of diabetes.

### CLINICAL TRIALS

- CTLA4-Ig (Abatacept) for Prevention of Abnormal Glucose Tolerance and Diabetes in Relatives At -Risk for Type 1, Recruiting
- Glycemic Control and the Brain in Children With Type 1 Diabetes, Recruiting
- Immune Effects of Oral Insulin in Relatives at Risk for Type 1 Diabetes Mellitus (TN20), Recruiting
- Oral Insulin for Prevention of Diabetes in Relatives at Risk for Type 1 Diabetes Mellitus, Recruiting
- Pathway to Prevention Study, Recruiting
- Teplizumab for Prevention of Type 1 Diabetes In Relatives "At-Risk", Recruiting
- Tocilizumab (TCZ) in New-onset Type 1 Diabetes, Recruiting
- Comparison of Transdermal and Oral Estrogens in Adolescent Girls With Ovarian Failure, Not Recruiting
- Glaser Obesity Study, Not Recruiting
- Medtronic Treat to Range (TTR) Closed-Loop Control, Not Recruiting
- Pilot Study to Evaluate a Method of Controlling High Blood Sugar in the Pediatric Intensive Care Unit, Not Recruiting
- Rituximab in New Onset Type 1 Diabetes, Not Recruiting
- T Cell Validation Study Using Blood Samples From Subjects With Recent Onset Type 1 Diabetes Mellitus, Not Recruiting

## Publications

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### PUBLICATIONS

- **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
- **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
- **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
- **Home use of a bihormonal bionic pancreas versus insulin pump therapy in adults with type 1 diabetes: a multicentre randomised crossover trial** *LANCET*  
El-Khatib, F. H., Balliro, C., Hillard, M. A., Magyar, K. L., Ekhlaspour, L., Sinha, M., Mondesir, D., Esmaeili, A., Hartigan, C., Thompson, M. J., Malkani, S., Lock, J. P., Harlan, et al  
2017; 389 (10067): 369-380

- **Variations in Brain Volume and Growth in Young Children With Type 1 Diabetes.** *Diabetes*  
Mazaika, P. K., Weinzimer, S. A., Mauras, N., Buckingham, B., White, N. H., Tsalikian, E., Hershey, T., Cato, A., Aye, T., Fox, L., Wilson, D. M., Tansey, M. J., Tamborlane, et al  
2016; 65 (2): 476-485
- **Overnight glucose control with an automated, unified safety system in children and adolescents with type 1 diabetes at diabetes cAMP.** *Diabetes care*  
Ly, T. T., Breton, M. D., Keith-Hynes, P., De Salvo, D., Clinton, P., Benassi, K., Mize, B., Chernavvsky, D., Place, J., Wilson, D. M., Kovatchev, B. P., Buckingham, B. A.  
2014; 37 (8): 2310-2316
- **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
- **Costimulation Modulation With Abatacept in Patients With Recent-Onset Type 1 Diabetes: Follow-up 1 Year After Cessation of Treatment** *DIABETES CARE*  
Orban, T., Bundy, B., Becker, D. J., Dimeglio, L. A., Gitelman, S. E., Goland, R., Gottlieb, P. A., Greenbaum, C. J., Marks, J. B., Monzavi, R., Moran, A., Peakman, M., Raskin, et al  
2014; 37 (4): 1069-1075
- **Antigen-based therapy with glutamic acid decarboxylase (GAD) vaccine in patients with recent-onset type 1 diabetes: a randomised double-blind trial** *LANCET*  
Wherrett, D. K., Bundy, B., Becker, D. J., Dimeglio, L. A., Gitelman, S. E., Goland, R., Gottlieb, P. A., Greenbaum, C. J., Herold, K. C., Marks, J. B., Monzavi, R., Moran, A., Orban, et al  
2011; 378 (9788): 319-327
- **Persistence of Individual Variations in Glycated Hemoglobin Analysis of data from the Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Randomized Trial** *DIABETES CARE*  
Wilson, D. M., Xing, D., Cheng, J., Beck, R. W., Hirsch, I., Kollman, C., Laffel, L., Lawrence, J. M., Mauras, N., Ruedy, K. J., Tsalikian, E., Wolpert, H.  
2011; 34 (6): 1315-1317
- **Hemoglobin A(1c) and Mean Glucose in Patients With Type 1 Diabetes Analysis of data from the Juvenile Diabetes Research Foundation continuous glucose monitoring randomized trial** *DIABETES CARE*  
Wilson, D. M., Xing, D., Beck, R. W., Block, J., Bode, B., Fox, L. A., Hirsch, I., Kollman, C., Laffel, L., Ruedy, K. J., Steffes, M., Tamborlane, W. V.  
2011; 34 (3): 540-544
- **Low-Dose Anti-Thymocyte Globulin Preserves C-Peptide, Reduces HbA(1c), and Increases Regulatory to Conventional T-Cell Ratios in New-Onset Type 1 Diabetes: Two-Year Clinical Trial Data** *DIABETES*  
Haller, M. J., Long, S., Blanchfield, J., Schatz, D. A., Skyler, J. S., Krischer, J. P., Bundy, B. N., Geyer, S. M., Warnock, M. V., Miller, J. L., Atkinson, M. A., Becker, D. J., Baidal, et al  
2019; 68 (6): 1267-76
- **Low-dose Anti-Thymocyte Globulin Preserves C-Peptide and Reduces A1c in New Onset Type 1 Diabetes: Two Year Clinical Trial Data.** *Diabetes*  
Haller, M. J., Long, S. A., Blanchfield, J. L., Schatz, D. A., Skyler, J. S., Krischer, J. P., Bundy, B. N., Geyer, S. M., Warnock, M. V., Miller, J. L., Atkinson, M. A., Becker, D. J., Baidal, et al  
2019
- **A Feasibility Study to Detect Neonatal Hypoglycemia in Infants of Diabetic Mothers Using Real-Time Continuous Glucose Monitoring** *DIABETES TECHNOLOGY & THERAPEUTICS*  
Nally, L., Bondy, N., Doiev, J., Buckingham, B. A., Wilson, D. M.  
2019; 21 (4): 170-76
- **A Feasibility Study to Detect Neonatal Hypoglycemia in Infants of Diabetic Mothers Using Real-Time Continuous Glucose Monitoring.** *Diabetes technology & therapeutics*  
Nally, L. M., Bondy, N., Doiev, J., Buckingham, B., Wilson, D. M.  
2019
- **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

- **Low-Dose Anti-Thymocyte Globulin (ATG) Preserves -Cell Function and Improves HbA(1c) in New-Onset Type 1 Diabetes** *DIABETES CARE*  
Haller, M. J., Schatz, D. A., Skyler, J. S., Krischer, J. P., Bundy, B. N., Miller, J. L., Atkinson, M. A., Becker, D. J., Baidal, D., DiMeglio, L. A., Gitelman, S. E., Goland, R., Gottlieb, et al  
2018; 41 (9): 1917–25
- **A Feasibility Study to Detect Neonatal Hypoglycemia Using Real-Time Continuous Glucose Monitoring**  
Nally, L. M., Bondy, N. W., Doiev, J., Buckingham, B., Wilson, D.  
AMER DIABETES ASSOC.2018
- **Familial Holoprosencephaly with Endocrine Dysgenesis** *JOURNAL OF PEDIATRICS*  
Chang, M., Wilson, D. M., Maahs, D. M.  
2018; 192: 98
- **Impact of Early Diabetic Ketoacidosis on the Developing Brain.** *Diabetes care*  
Aye, T., Mazaika, P. K., Mauras, N., Marzelli, M. J., Shen, H., Hershey, T., Cato, A., Weinzimer, S. A., White, N. H., Tsalikian, E., Jo, B., Reiss, A. L.  
2018
- **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
- **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
- **Dysglycemia and Index60 as Prediagnostic End Points for Type 1 Diabetes Prevention Trials** *DIABETES CARE*  
Nathan, B. M., Boulware, D., Geyer, S., Atkinson, M. A., Colman, P., Goland, R., Russell, W., Wentworth, J. M., Wilson, D. M., Evans-Molina, C., Wherrett, D., Skyler, J. S., Moran, et al  
2017; 40 (11): 1494–99
- **LEG LEAN MASS IS CORRELATED WITH BONE MINERAL DENSITY IN CHILDREN AND ADOLESCENTS WITH TYPE 1 DIABETES**  
Seeley, H., Long, J., Bachrach, L., Wilson, D. M., Leonard, M.  
KARGER.2017: 418
- **THE RISK OF PROGRESSION TO TYPE 1 DIABETES (T1D) IN INDIVIDUALS OF DIVERSE AGES WITH MULTIPLE AUTOANTIBODIES**  
Jacobsen, L. M., Evans-Molina, C., Dimeglio, L. A., Goland, R., Wilson, D. M., Atkinson, M., Aye, T., Russell, W., Wentworth, J., Geyer, S., Boulware, D., Sosenko, J.  
KARGER.2017: 23–24
- **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
- **Changes in beta cell function during the proximate post-diagnosis period in persons with type 1 diabetes** *PEDIATRIC DIABETES*  
DiMeglio, L. A., Cheng, P., Beck, R. W., Kollman, C., Ruedy, K. J., Slover, R., Aye, T., Weinzimer, S. A., Bremer, A. A., Buckingham, B.  
2016; 17 (4): 237-243
- **Automated Overnight Closed-Loop Control Using a Proportional-Integral-Derivative Algorithm with Insulin Feedback in Children and Adolescents with Type 1 Diabetes at Diabetes Camp** *DIABETES TECHNOLOGY & THERAPEUTICS*  
Ly, T. T., Keenan, D. B., Roy, A., Han, J., Grosman, B., Cantwell, M., Kurtz, N., von Eyben, R., Clinton, P., Wilson, D. M., Buckingham, B. A.  
2016; 18 (6): 377-384
- **Outpatient Care Preceding Hospitalization for Diabetic Ketoacidosis** *PEDIATRICS*  
Crossen, S. S., Wilson, D. M., Saynina, O., Sanders, L. M.  
2016; 137 (6)
- **Is Pump Therapy for All with Type 1 Diabetes?** *DIABETES TECHNOLOGY & THERAPEUTICS*  
Wilson, D. M.

2016; 18 (5): 280–81

- **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: -?
- **Longitudinal Evaluation of Cognitive Functioning in Young Children with Type 1 Diabetes over 18 Months.** *Journal of the International Neuropsychological Society*  
Cato, M. A., Mauras, N., Mazaika, P., Kollman, C., Cheng, P., Aye, T., Ambrosino, J., Beck, R. W., Ruedy, K. J., Reiss, A. L., Tansey, M., White, N. H., Hershey, et al  
2016; 22 (3): 293-302
- **IN-HOME OVERNIGHT PREDICTIVE LOW GLUCOSE SUSPEND (PLGS) EXPERIENCE: DIFFERENCES ACROSS AGE GROUPS**  
Messer, L. H., Calhoun, P., Buckingham, B. A., Wilson, D. M., Hramiak, I., Ly, T. T., Driscoll, M., Maahs, D. M.  
MARY ANN LIEBERT, INC.2016: A47–A48
- **INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1 PREDICTS INSULIN SENSITIVITY AND INSULIN AREA-UNDER-THE-CURVE IN OBESE, NONDIABETIC ADOLESCENTS** *ENDOCRINE PRACTICE*  
Lee, P. D., Lustig, R. H., Lenders, C., Baillargeon, J., Wilson, D. M.  
2016; 22 (2): 136-142
- **Heterogeneity in recent-onset type 1 diabetes - a clinical trial perspective** *DIABETES-METABOLISM RESEARCH AND REVIEWS*  
Bollyky, J. B., Xu, P., Butte, A. J., Wilson, D. M., Beam, C. A., Greenbaum, C. J.  
2015; 31 (6): 588-594
- **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
- **Large Doses of Vitamin D Fail to Increase 25-Hydroxyvitamin D Levels or to Alter Cardiovascular Risk Factors in Obese Adolescents: A Pilot Study.** *journal of adolescent health*  
Shah, S., Wilson, D. M., Bachrach, L. K.  
2015; 57 (1): 19-23
- **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
- **The Development and Utility of a Novel Scale That Quantifies the Glycemic Progression Toward Type 1 Diabetes Over 6 Months** *DIABETES CARE*  
Sosenko, J. M., Skyler, J. S., Beam, C. A., Boulware, D., Mahon, J. L., Krischer, J. P., Greenbaum, C. J., Rafkin, L. E., Matheson, D., Herold, K. C., Palmer, J. P.  
2015; 38 (5): 940-942
- **Longitudinal Assessment of Neuroanatomical and Cognitive Differences in Young Children With Type 1 Diabetes: Association With Hyperglycemia** *DIABETES*  
Mauras, N., Mazaika, P., Buckingham, B., Weinzimer, S., White, N. H., Tsalikian, E., Hershey, T., Cato, A., Cheng, P., Kollman, C., Beck, R. W., Ruedy, K., Aye, et al  
2015; 64 (5): 1770-1779
- **beta Cell death and dysfunction during type 1 diabetes development in at-risk individuals** *JOURNAL OF CLINICAL INVESTIGATION*  
Herold, K. C., Usmani-Brown, S., Ghazi, T., Lebastchi, J., Beam, C. A., Bellin, M. D., Ledizet, M., Sosenko, J. M., Krischer, J. P., Palmer, J. P.  
2015; 125 (3): 1163-1173
- **HYPOGLYCEMIA REDUCTION WITH CLOSED-LOOP SYSTEMS BY AGE**  
Chase, H. P., Maahs, D., Wadwa, P., Buckingham, B., Wilson, D., Ly, T., Lum, J., Calhoun, P., Raghinaru, D., Cameron, F., Bequette, B. W., Hramiak, I., Beck, et al  
MARY ANN LIEBERT, INC.2015: A4
- **Electrochemiluminescence Assays for Insulin and Glutamic Acid Decarboxylase Autoantibodies Improve Prediction of Type 1 Diabetes Risk** *DIABETES TECHNOLOGY & THERAPEUTICS*  
Miao, D., Steck, A. K., Zhang, L., Guyer, K. M., Jiang, L., Armstrong, T., Muller, S. M., Krischer, J., Rewers, M., Yu, L.

2015; 17 (2): 119-127

- **The impact of accelerometer use in exercise-associated hypoglycemia prevention in type 1 diabetes.** *Journal of diabetes science and technology*  
Stenerson, M., Cameron, F., Payne, S. R., Payne, S. L., Ly, T. T., Wilson, D. M., Buckingham, B. A.  
2015; 9 (1): 80-85
- **Inpatient Trial of an Artificial Pancreas Based on Multiple Model Probabilistic Predictive Control with Repeated Large Unannounced Meals** *DIABETES TECHNOLOGY & THERAPEUTICS*  
Cameron, F., Niemeyer, G., Wilson, D. M., Bequette, B. W., Benassi, K. S., Clinton, P., Buckingham, B. A.  
2014; 16 (11): 728-734
- **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
- **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
- **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
- **Patterns of Nonverbal Behavior Associated with Truth and Deception: Illustrations from Three Experiments** *JOURNAL OF NONVERBAL BEHAVIOR*  
Burgoon, J. K., Proudfoot, J. G., Schuetzler, R., Wilson, D.  
2014; 38 (3): 325-354
- **Accuracy evaluation of blood glucose monitoring systems in children on overnight closed-loop control.** *Journal of diabetes science and technology*  
DeSalvo, D. J., Shanmugham, S., Ly, T. T., Wilson, D. M., Buckingham, B. A.  
2014; 8 (5): 969-973
- **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
- **Evolution of abnormal plasma glucagon responses to mixed-meal feedings in youth with type 1 diabetes during the first 2 years after diagnosis.** *Diabetes care*  
Sherr, J., Tsalikian, E., Fox, L., Buckingham, B., Weinzimer, S., Tamborlane, W. V., White, N. H., Arbelaez, A. M., Kollman, C., Ruedy, K. J., Cheng, P., Beck, R. W.  
2014; 37 (6): 1741-1744
- **Blunted glucagon but not epinephrine responses to hypoglycemia occurs in youth with less than 1 yr duration of type 1 diabetes mellitus** *PEDIATRIC DIABETES*  
Arbelaez, A. M., Xing, D., Cryer, P. E., Kollman, C., Beck, R. W., Sherr, J., Ruedy, K. J., Tamborlane, W. V., Mauras, N., Tsalikian, E., Wilson, D. M., White, N. H.  
2014; 15 (2): 127-134
- **OVERNIGHT GLUCOSE CONTROL WITH MODULAR CONTROL TO RANGE ALGORITHM IN CHILDREN AND ADOLESCENTS WITH TYPE 1 DIABETES AT DIABETES CAMP**  
Ly, T., De Salvo, D., Clinton, P., Breton, M. D., Chernavsky, D., Mize, B., Keith-Hynes, P., Kovatchev, B. P., Wilson, D. M., Buckingham, B. A.  
MARY ANN LIEBERT, INC.2014: A42
- **Cognitive functioning in young children with type 1 diabetes.** *Journal of the International Neuropsychological Society*  
Cato, M. A., Mauras, N., Ambrosino, J., Bondurant, A., Conrad, A. L., Kollman, C., Cheng, P., Beck, R. W., Ruedy, K. J., Aye, T., Reiss, A. L., White, N. H., Hershey, et al  
2014; 20 (2): 238-247

- **B-Lymphocyte Depletion With Rituximab and beta-Cell Function: Two-Year Results** *DIABETES CARE*  
Pescovitz, M. D., Greenbaum, C. J., Bundy, B., Becker, D. J., Gitelman, S. E., Goland, R., Gottlieb, P. A., Marks, J. B., Moran, A., Raskin, P., Rodriguez, H., Schatz, D. A., Wherrett, et al  
2014; 37 (2): 453-459
- **CLINICAL TRIAL OF AN ARTIFICIAL PANCREAS WITH LARGE UNANNOUNCED MEALS**  
Cameron, F., Niemeyer, G., Wilson, D., Benasi, K., Clinton, P., Bequette, B. W., Buckingham, B.  
MARY ANN LIEBERT, INC.2014: A24-A25
- **OVERNIGHT CLOSED-LOOP CONTROL WITH A PROPORTIONAL-INTEGRAL-DERIVATIVE BASED ALGORITHM IN CHILDREN AND ADOLESCENTS WITH TYPE 1 DIABETES AT DIABETES CAMP**  
Ly, T., Clinton, P., Keenan, D. B., Roy, A., Han, J., Grosman, B., Cantwell, M., Kurtz, N., Wilson, D. M., Buckingham, B. A.  
MARY ANN LIEBERT, INC.2014: A25
- **Remote Glucose Monitoring in Camp Setting Reduces the Risk of Prolonged Nocturnal Hypoglycemia** *DIABETES TECHNOLOGY & THERAPEUTICS*  
DeSalvo, D. J., Keith-Hynes, P., Peyser, T., Place, J., Caswell, K., Wilson, D. M., Harris, B., Clinton, P., Kovatchev, B., Buckingham, B. A.  
2014; 16 (1): 1-7
- **Neuroanatomical correlates of dysglycemia in young children with type 1 diabetes.** *Diabetes*  
Marzelli, M. J., Mazaika, P. K., Barnea-Goraly, N., Hershey, T., Tsalikian, E., Tamborlane, W., Mauras, N., White, N. H., Buckingham, B., Beck, R. W., Ruedy, K. J., Kollman, C., Cheng, et al  
2014; 63 (1): 343-353
- **The Impact of Accelerometer and Heart Rate Data on Hypoglycemia Mitigation in Type 1 Diabetes.** *Journal of diabetes science and technology*  
Stenerson, M., Cameron, F., Wilson, D. M., Harris, B., Payne, S., Bequette, B. W., Buckingham, B. A.  
2014; 8 (1): 64-69
- **Randomized Trial of Infusion Set Function: Steel Versus Teflon** *DIABETES TECHNOLOGY & THERAPEUTICS*  
Patel, P. J., Benasi, K., Ferrari, G., Evans, M. G., Shanmugham, S., Wilson, D. M., Buckingham, B. A.  
2014; 16 (1): 15-19
- **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.  
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