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- 1858 The Application of Genomics in Diabetes: Barriers to Discovery and Implementation
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- 1870 Precision Medicine, Genomics, and Public Health
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- 1879 Systematic Population Screening, Using Biomarkers and Genetic Testing, Identifies 2.5% of the U.K. Pediatric Diabetes Population With Monogenic Diabetes
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- 1896 Effect of Serotonin Transporter 5-HTTLPR Polymorphism on Gastrointestinal Intolerance to Metformin: A GoDARTS Study
T. Dujic, K. Zhou, R. Tavendale, C.N.A. Palmer, and E.R. Pearson

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- 1909  Macronutrient Intake–Associated *FGF21* Genotype Modifies Effects of Weight-Loss Diets on 2-Year Changes of Central Adiposity and Body Composition: The POUNDS Lost Trial
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Clinical Care/Education/Nutrition/Psychosocial Research

- 1925 Short-term Effects of Laparoscopic Adjustable Gastric Banding Versus Roux-en-Y Gastric Bypass
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- 1940 Increased Risk of Incident Chronic Kidney Disease, Cardiovascular Disease, and Mortality in Patients With Diabetes With Comorbid Depression
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Epidemiology/Health Services Research

- 1981 Medical Care Costs Associated With Long-term Weight Maintenance Versus Weight Gain Among Patients With Type 2 Diabetes
G.A. Nichols, K. Bell, T.M. Kimes, and M. O'Keeffe-Rosetti
- 1987 Risk of Cause-Specific Death in Individuals With Diabetes: A Competing Risks Analysis
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Companion Article

- 2004** Long-term Effect of Losartan on Kidney Disease in American Indians With Type 2 Diabetes: A Follow-up Analysis of a Randomized Clinical Trial
S.K. Tanamas, P.-J. Saulnier, G.D. Fufaa, K.M. Wheelock, E.J. Weil, R.L. Hanson, W.C. Knowler, P.H. Bennett, and R.G. Nelson

- 2011** Changes in Overall Diet Quality and Subsequent Type 2 Diabetes Risk: Three U.S. Prospective Cohorts
S.H. Ley, A. Pan, Y. Li, J.E. Manson, W.C. Willett, Q. Sun, and F.B. Hu

Emerging Technologies and Therapeutics

- 2019** Home Use of Day-and-Night Hybrid Closed-Loop Insulin Delivery in Suboptimally Controlled Adolescents With Type 1 Diabetes: A 3-Week, Free-Living, Randomized Crossover Trial
M. Tauschmann, J.M. Allen, M.E. Wilinska, H. Thabit, C.L. Acerini, D.B. Dunger, and R. Hovorka
- ➡ **2026** Benefits of LixiLan, a Titratable Fixed-Ratio Combination of Insulin Glargine Plus Lixisenatide, Versus Insulin Glargine and Lixisenatide Monocomponents in Type 2 Diabetes Inadequately Controlled on Oral Agents: The LixiLan-O Randomized Trial
J. Rosenstock, R. Aronson, G. Grunberger, M. Hanefeld, P. Piatti, P. Seruclat, X. Cheng, T. Zhou, E. Niemoeller, E. Souhami, and M. Davies, on behalf of the LixiLan-O Trial Investigators

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- 2036** Dapagliflozin Enhances Fat Oxidation and Ketone Production in Patients With Type 2 Diabetes
G. Daniele, J. Xiong, C. Solis-Herrera, A. Merovci, R. Eldor, D. Tripathy, R.A. DeFronzo, L. Norton, and M. Abdul-Ghani
- 2042** Renal Effects of DPP-4 Inhibitor Sitagliptin or GLP-1 Receptor Agonist Liraglutide in Overweight Patients With Type 2 Diabetes: A 12-Week, Randomized, Double-Blind, Placebo-Controlled Trial
L. Tonneijck, M.M. Smits, M.H.A. Muskiet, T. Hoekstra, M.H.H. Kramer, A.H.J. Danser, P.M. ter Wee, M. Diamant, J.A. Joles, and D.H. van Raalte
- 2051** Hispanics/Latinos With Type 2 Diabetes Have Functional and Symptomatic Pulmonary Impairment Mirroring Kidney Microangiopathy: Findings From the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)
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- 2058** Diabetes Is Associated With Decreased Limb Survival in Patients With Critical Limb Ischemia: Pooled Data From Two Randomized Controlled Trials
M.I. Spreen, H. Gremmels, M. Teraa, R.W. Sprengers, M.C. Verhaar, R.G. Status van Eps, J.-P.P.M. de Vries, W.P.Th.M. Mali, and H. van Overhagen, on behalf of the PADI and JUVENTAS Study Groups

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- 2065** Physical Activity/Exercise and Diabetes: A Position Statement of the American Diabetes Association
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- 2080** Type 2 Diabetes: The Pathologic Basis of Reversible β-Cell Dysfunction
M.G. White, J.A.M. Shaw, and R. Taylor

Meta-analysis

- ➡ **2089** Do Mobile Phone Applications Improve Glycemic Control (HbA_{1c}) in the Self-management of Diabetes? A Systematic Review, Meta-analysis, and GRADE of 14 Randomized Trials
C. Hou, B. Carter, J. Hewitt, T. Francisa, and S. Mayor

Erratum

- 2096** Erratum. Global Estimates on the Number of People Blind or Visually Impaired by Diabetic Retinopathy: A Meta-analysis From 1990–2010. *Diabetes Care* 2016;39:1643–1649
J.L. Leasher, R.R.A. Bourne, S.R. Flaxman, J.B. Jonas, J. Keeffe, N. Naidoo, K. Pesudovs, H. Price, R.A. White, T.Y. Wong, S. Resnikoff, and H.R. Taylor, on behalf of the Vision Loss Expert Group of the Global Burden of Disease Study

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- 2097** Issues and Events

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- e195** Comment on Ferrannini et al. *Diabetes Care* 2016;39:1108–1114. Comment on Mudaliar et al. *Diabetes Care* 2016;39:1115–1122
A. Ceriello, S. Genovese, E. Mannucci, and E. Gronda
- e196** Response to Comment on Ferrannini et al. *Diabetes Care* 2016;39:1108–1114. Comment on Mudaliar et al. *Diabetes Care* 2016;39:1115–1122
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- e198** Comment on Kazda et al. Evaluation of Efficacy and Safety of the Glucagon Receptor Antagonist LY2409021 in Patients With Type 2 Diabetes: 12- and 24-Week Phase 2 Studies. *Diabetes Care* 2016;39:1241–1249
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C.M. Kazda, Y. Ding, R.P. Kelly, P. Garhyani, C. Shi, C.N. Lim, H. Fu, D.E. Watson, A.J. Lewin, W.H. Landschulz, M.A. Deeg, D.E. Moller, and T.A. Hardy
- e201** Comment on Rubino et al. Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: A Joint Statement by International Diabetes Organizations. *Diabetes Care* 2016;39:861–877
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- e202** Response to Comment on Rubino et al. Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: A Joint Statement by International Diabetes Organizations. *Diabetes Care* 2016;39:861–877
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| <p>e204 Comment on Qian et al. Metabolic Effects of Monounsaturated Fatty Acid-Enriched Diets Compared With Carbohydrate or Polyunsaturated Fatty Acid-Enriched Diets in Patients With Type 2 Diabetes: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Diabetes Care</i> 2016;39:1448–1457
<i>L. Schwingshackl and G. Hoffmann</i></p> <p>e205 Response to Comment on Qian et al. Metabolic Effects of Monounsaturated Fatty Acid-Enriched Diets Compared With Carbohydrate or Polyunsaturated Fatty Acid-Enriched Diets in Patients With Type 2 Diabetes: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Diabetes Care</i> 2016;39:1448–1457
<i>F. Qian and F.B. Hu</i></p> | <p>e206 Comment on Fischer et al. Text Message Support for Weight Loss in Patients With Prediabetes: A Randomized Clinical Trial. <i>Diabetes Care</i> 2016;39:1364–1370
<i>M. Afarideh, A. Ghajar, S. Noshad, and A. Esteghamati</i></p> <p>e207 Response to Comment on Fischer et al. Text Message Support for Weight Loss in Patients With Prediabetes: A Randomized Clinical Trial. <i>Diabetes Care</i> 2016;39:1364–1370
<i>H.H. Fischer, R.I. Pereira, S.L. Moore, M.J. Durfee, J.M. Rozwadowski, and E.P. Havranek</i></p> |
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