

Diabetes Care

THE JOURNAL OF CLINICAL AND APPLIED RESEARCH AND EDUCATION

November 2021 Volume 44, Number 11

Perspectives in Care

- 2449 Adult-Onset Type 1 Diabetes: Current Understanding and Challenges
R.D. Leslie, C. Evans-Molina, J. Freund-Brown, R. Buzzetti, D. Dabelea, K.M. Gillespie, R. Goland, A.G. Jones, M. Kacher, L.S. Phillips, O. Rolandsson, J.L. Wardian, and J.L. Dunne

Commentary

- 2457 Rethinking the Goals of Diabetes Prevention Programs
B. Mezuk and J.O. Allen

Profiles in Progress

- 2460 Paul Zimmet: A Voice for Diabetes
J.E. Shaw

Clinical Care/Education/Nutrition/Psychosocial Research

- 2464 Patient-Centered Goal-Setting in the National Diabetes Prevention Program: A Pilot Study
N.D. Ritchie, K.A. Sauder, P.G. Kaufmann, and L. Perreault
→ 2470 Effect of Diet Quality and Genetic Predisposition on Hemoglobin A_{1c} and Type 2 Diabetes Risk: Gene-Diet Interaction Analysis of 357,419 Individuals
P. Zhuang, X. Liu, Y. Li, X. Wan, Y. Wu, F. Wu, Y. Zhang, and J. Jiao

- 2480 Reliability and Safety of Bedside Blind Bone Biopsy Performed by a Diabetologist for the Diagnosis and Treatment of Diabetic Foot Osteomyelitis
F. Féron, G.P. de Ponfily, L. Potier, D.-C. Gauthier, L. Salle, M. Laloi-Michelin, A.-L. Munier, H. Jacquier, T. Vidal-Trécan, J.-B. Julia, A. Carlier, Y. Abouleka, N. Venteclef, N. Grall, F. Mercier, J.-P. Riveline, É. Senneville, J.-F. Gautier, R. Roussel, and J.-P. Kevorkian

- 2487 A Closer Look at Racial Differences in Diabetes Outcomes Among a Community Sample: Diabetes Distress, Self-care, and HbA_{1c}
V.S. Helgeson, J.B. Naqvi, M.T. Korytkowski, and T.L. Gary-Webb

Epidemiology/Health Services Research

- 2493 Association of Type 2 Diabetes, According to the Number of Risk Factors Within Target Range, With Structural Brain Abnormalities, Cognitive Performance, and Risk of Dementia
A.C.E. van Gennip, C.D.A. Stehouwer, M.P.J. van Boxtel, F.R.J. Verhey, A. Koster, A.A. Kroon, S. Köhler, M.M.J. van Greevenbroek, A. Wesseling, S.J.P.M. Eussen, W.H. Backes, J.F. Jansen, M.T. Schram, R.M.A. Henry, A. Singh-Manoux, and T.T. van Slaten

- 2503 Incidence of Type 1 Diabetes May Be Underestimated in the Chinese Population: Evidence From 21.7 Million People Between 2007 and 2017
C. Liu, Y.-C. Yuan, M.-N. Guo, Z. Xin, G.-J. Chen, A.R. Bentley, L. Hua, J.-P. Zheng, K. Ekoru, and J.-K. Yang

- 2510 National Trends in Out-of-Pocket Costs Among U.S. Adults With Diabetes Aged 18–64 Years: 2001–2017
Y. Wang, J. Park, R. Li, E. Luman, and P. Zhang

- 2518 Incidence of Proliferative Diabetic Retinopathy and Other Neovascular Sequelae at 5 Years Following Diagnosis of Type 2 Diabetes
W.S. Gange, J. Lopez, B.Y. Xu, K. Lung, S.A. Seabury, and B.C. Toy

- 2527 Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium
C. Sujana, V. Salomaa, F. Kee, S. Costanzo, S. Söderberg, J. Jordan, P. Jousilahti, C. Neville, L. Iacoviello, V. Oskarsson, D. Westermann, W. Koenig, K. Kuulasmaa, J. Reinikainen, S. Blankenberg, T. Zeller, C. Herder, U. Mansmann, A. Peters, and B. Thorand, for the BiomarCaRE Consortium

Emerging Therapies: Drugs and Regimens

- 2536 Effect of Maternal Metformin Treatment in Pregnancy on Neonatal Metabolism: Evidence From Newborn Metabolic Screening
J. Estrella, V. Wiley, D. Simmons, T.-M. Hng, and M. McLean
2542 Kidney Outcomes Associated With SGLT2 Inhibitors Versus Other Glucose-Lowering Drugs in Real-world Clinical Practice: The Japan Chronic Kidney Disease Database
H. Nagasu, Y. Yano, H. Kanegae, H.J.L. Heerspink, M. Nangaku, Y. Hirakawa, Y. Sugawara, N. Nakagawa, Y. Tani, J. Wada, H. Sugiyama, K. Tsuruya, T. Nakano, S. Maruyama, T. Wada, K. Yamagata, I. Narita, K. Tamura, M. Yanagita, Y. Terada, T. Shigematsu, T. Sofue, T. Ito, H. Okada, N. Nakashima, H. Kataoka, K. Ohe, M. Okada, S. Itano, A. Nishiyama, E. Kanda, K. Ueki, and N. Kashihara

Cardiovascular and Metabolic Risk

- 2552 Cardiovascular Outcomes in Patients With Type 2 Diabetes and Obesity: Comparison of Gastric Bypass, Sleeve Gastrectomy, and Usual Care
A. Aminian, R. Wilson, A. Zajicek, C. Tu, K.E. Wolski, P.R. Schauer, M.W. Kattan, S.E. Nissen, and S.A. Brethauer
2564 Early Menopause and Cardiovascular Disease Risk in Women With or Without Type 2 Diabetes: A Pooled Analysis of 9,374 Postmenopausal Women
Y. Yoshida, Z. Chen, R.L. Baudier, M. Krousel-Wood, A.H. Anderson, V.A. Fonseca, and F. Mauvais-Jarvis
2573 A Biomarker-Based Score for Risk of Hospitalization for Heart Failure in Patients With Diabetes
D.D. Berg, S.D. Wiviott, B.M. Scirica, T.A. Zelniker, E.L. Goodrich, P. Jarolim, O. Mosenzon, A. Cahn, D.L. Bhatt, L.A. Leiter, D.K. McGuire, J.P.H. Wilding, P. Johanson, A.M. Langkilde, I. Raz, E. Braunwald, M.S. Sabatine, and D.A. Morrow

Novel Communications in Diabetes

- 2582 The Bihormonal Bionic Pancreas Improves Glycemic Control in Individuals With Hyperinsulinism and Postpancreatectomy Diabetes: A Pilot Study
A. Rayannavar, L.M. Mitteer, C.A. Balliro, F.H. El-Khatib, K.L. Lord, C.P. Hawkes, L.S. Ballester, E.R. Damiano, S.J. Russell, and D.D. De León
2586 Minimal Model–Derived Insulin Sensitivity Index Underestimates Insulin Sensitivity in Black Americans
A. Fosam, S. Yuditskaya, C. Sarcone, S. Grewal, H. Fan, and R. Muniyappa

Consensus Report

- 2589 The Management of Type 1 Diabetes in Adults. A Consensus Report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD)
R.I.G. Holt, J.H. DeVries, A. Hess-Fischl, I.B. Hirsch, M.S. Kirkman, T. Klupa, B. Ludwig, K. Nørgaard, J. Pettus, E. Renard, J.S. Skyler, F.J. Snoek, R.S. Weinstock, and A.L. Peters

Meta-Analysis

- 2626 Prognostic Models for Predicting Remission of Diabetes Following Bariatric Surgery: A Systematic Review and Meta-analysis
P. Singh, N.J. Adderley, J. Hazlehurst, M. Price, A.A. Tahraní, K. Nirantharakumar, and S. Bellary

Erratum

- 2642 Erratum. Effect of Recombinant Human Parathyroid Hormone (1–84) on Resolution of Active Charcot Neuro-osteopathia in Diabetes: A Randomized, Double-Blind, Placebo-Controlled Study. *Diabetes Care* 2021;44:1613–1621
N.L. Petrova, N.K. Donaldson, M. Bates, W. Tang, T. Jemmott, V. Morris, T. Dew, L. Meacock, D.A. Elias, C.F. Moniz, and M.E. Edmonds

Keep up with the latest information for *Diabetes Care* and other ADA titles via Facebook (/ADAJournals) and Twitter (@ADA_Journals).

All articles in *Diabetes Care* are available online at diabetes.org/diabetescare. Cover articles (➡) and select content are available free of charge. Other articles are available free to print subscribers or can be purchased as e-prints or reprints.

ADA's *Diabetes Core Update* podcasts are available at diabetesjournals.org and through iTunes.

Icons shown below appear on the first page of an article if more information is available online.



Video



Podcast



Supplementary Data



Companion Article

Issues and Events

2643 Issues and Events

e-Letters – Observations

- e188** Dissociation of Glycated Albumin and HbA_{1c} Is Associated With a Decline of Glomerular Filtration Rate as Evaluated by Inulin Clearance

A. Tsuda, K. Mori, S. Nakatani, Y. Machiba, H. Uedono, M. Kurajoh, S. Yamada, T. Morioka, M. Inaba, E. Ishimura, J. Uchida, and M. Emoto

- e190** Impaired Awareness of Hypoglycemia and Severe Hypoglycemia in Drivers With Diabetes: Insights From the Association of British Clinical Diabetologists Nationwide Audit

H. Deshmukh, E.G. Wilmet, P. Choudhary, P. Narendran, N. Shah, D. Barnes, S. Kamruddin, R. Banatwalla, P. Christian, S. Saunders, A. Lumb, R. Herring, J. Patmore, C. Walton, R.E.J. Ryder, and T. Sathyapalan

- e192** Hyperglycemia Drives Stent Restenosis in STEMI Patients

P. Mone, J. Gambardella, F. Minicucci, A. Lombardi, C. Mauro, and G. Santulli

e-Letters – Comments and Responses

- e194** Comment on Rosenstock et al. Impact of a Weekly Glucagon-Like Peptide 1 Receptor Agonist, Albiglutide, on Glycemic Control and on Reducing Prandial Insulin Use in Type 2 Diabetes Inadequately Controlled on Multiple Insulin Therapy: A Randomized Trial. *Diabetes Care* 2020;43:2509–2518

C.S. Marathe, K.L. Jones, C.K. Rayner, T. Wu, and M. Horowitz

- e196** Response to Comment on Rosenstock et al. Impact of a Weekly Glucagon-Like Peptide 1 Receptor Agonist, Albiglutide, on Glycemic Control and on Reducing Prandial Insulin Use in Type 2 Diabetes Inadequately Controlled on Multiple Insulin Therapy: A Randomized Trial. *Diabetes Care* 2020;43:2509–2518

J. Rosenstock

- e198** Comment on Choi et al. Alcohol Abstinence and the Risk of Atrial Fibrillation in Patients With Newly Diagnosed Type 2 Diabetes Mellitus: A Nationwide Population-Based Study. *Diabetes Care* 2021;44:1393–1401

T.-K. Lin, Y.-H. Lin, and G.-P. Jong

- e199** Response to Comment on Choi et al. Alcohol Abstinence and the Risk of Atrial Fibrillation in Patients With Newly Diagnosed Type 2 Diabetes Mellitus: A Nationwide Population-Based Study. *Diabetes Care* 2021;44:1393–1401

Y.-j. Choi, K.-D. Han, S.-R. Lee, E.-K. Choi, S. Oh, and G.Y.H. Lip

- e200** Comment on Paolisso et al. Impact of Admission Hyperglycemia on Heart Failure Events and Mortality in Patients With Takotsubo Syndrome at Long-term Follow-up: Data From HIGH-GLUCOTAKO Investigators. *Diabetes Care* 2021;44:2158–2161

J.E. Madias

- e201** Response to Comment on Paolisso et al. Impact of Admission Hyperglycemia on Heart Failure Events and Mortality in Patients With Takotsubo Syndrome at Long-term Follow-up: Data From HIGH-GLUCOTAKO Investigators. *Diabetes Care* 2021;44:2158–2161

P. Paolisso, L. Bergamaschi, P. Rambaldi, G. Gatta, A. Foà, F. Angeli, M. Fabrizio, G. Casella, M. Barbieri, N. Galiè, R. Marfella, C. Pizzi, and C. Sardu