

Diabetes Care

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ADA Awards Lecture

- ➔ **1075** Paradigm Shifts in the Management of Diabetes in Pregnancy: The Importance of Type 2 Diabetes and Early Hyperglycemia in Pregnancy
D. Simmons

Clinical Care/Education/Nutrition/Psychosocial Research


- 1082** The Effect of Standard Versus Longer Intestinal Bypass on GLP-1 Regulation and Glucose Metabolism in Patients With Type 2 Diabetes Undergoing Roux-en-Y Gastric Bypass: The Long-Limb Study
A.D. Miras, A. Kamocka, B. Pérez-Pevida, S. Purkayastha, K. Moorthy, A. Patel, H. Chahal, G. Frost, P. Bassett, L. Castagnetto-Gissey, L. Coppin, N. Jackson, A.M. Umpleby, S.R. Bloom, T. Tan, A.R. Ahmed, and F. Rubino
- 1091** Myo-Inositol, Probiotics, and Micronutrient Supplementation From Preconception for Glycemia in Pregnancy: NiPPeR International Multicenter Double-Blind Randomized Controlled Trial
K.M. Godfrey, S.J. Barton, S. El-Heis, T. Kenealy, H. Nield, P.N. Baker, Y.S. Chong, W. Cutfield, S.-Y. Chan, and NiPPeR Study Group
- 1100** High Prevalence of Depressive Symptoms in Patients With Type 1 and Type 2 Diabetes in Developing Countries: Results From the International Diabetes Management Practices Study
P. Aschner, J.J. Gagliardino, H. Ilkova, F. Lavallo, A. Ramachandran, J.C. Mbanya, M. Shestakova, Y. Bourhis, J.-M. Chantelot, and J.C.N. Chan
- 1108** Cost-Effectiveness of a Diabetes Self-Management Education and Support Intervention Led by Community Health Workers and Peer Leaders: Projections From the Racial and Ethnic Approaches to Community Health Detroit Trial
W. Ye, S. Kuo, E.C. Kieffer, G. Piatt, B. Sinco, G. Palmisano, M.S. Spencer, and W.H. Herman
- 1116** A Comparison of Familial and Sporadic Type 1 Diabetes Among Young Patients
B. Karges, N. Prinz, K. Placzek, N. Datz, M. Papsch, U. Strier, D. Agena, W. Bonfig, H. Kentrup, and R.W. Holl

Epidemiology/Health Services Research

- ➔ **1125** Risk Factors for Longitudinal Resting Heart Rate and Its Associations With Cardiovascular Outcomes in the DCCT/EDIC Study
S. Keshavarzi, B.H. Braffett, R. Pop-Busui, T.J. Orchard, E.Z. Soliman, G.M. Lorenzi, A. Barnie, A.B. Karger, R.A. Gubitosi-Klug, S. Dagogo-Jack, A.D. Paterson, and the DCCT/EDIC Research Group
- ➔ **1133** n-3 Fatty Acid Biomarkers and Incident Type 2 Diabetes: An Individual Participant-Level Pooling Project of 20 Prospective Cohort Studies
F. Qian, A.V. Ardisson Korat, F. Imamura, M. Marklund, N. Tintle, J.K. Virtanen, X. Zhou, J.K. Bassett, H. Lai, Y. Hirakawa, K.-L. Chien, A.C. Wood, M. Lankinen, R.A. Murphy, C. Samieri, K. Pertiwi, V.D. de Mello, W. Guan, N.G. Forouhi, N. Wareham, InterAct Consortium, Frank B. Hu, U. Riserus, L. Lind, W.S. Harris, A.H. Shadyab, J.G. Robinson, L.M. Steffen, A. Hodge, G.G. Giles, T. Ninomiya, M. Uusitupa, J. Tuomilehto, J. Lindström, M. Laakso, D.S. Siscovick, C. Helmer, J.M. Geleijnse, J.H.Y. Wu, A. Fretts, R.N. Lemaitre, R. Micha, D. Mozaffarian, and Q. Sun, on behalf of the Fatty Acids and Outcomes Research Consortium (FORCE)
- 1143** Association and Familial Coaggregation of Type 1 Diabetes and Eating Disorders: A Register-Based Cohort Study in Denmark and Sweden
A.E. Tate, S. Liu, R. Zhang, Z. Yilmaz, J.T. Larsen, L.V. Petersen, C.M. Bulik, A.-M. Svensson, S. Gudbjörnsdóttir, H. Larsson, A. Butwicka, and R. Kuja-Halkola

- 1151** Does the Association Between Hemoglobin A_{1c} and Risk of Cardiovascular Events Vary by Residential Segregation? The REasons for Geographic And Racial Differences in Stroke (REGARDS) Study
D.M. Cummings, S.P. Patil, D.L. Long, B. Guo, A. Cherrington, M.M. Safford, S.E. Judd, V.J. Howard, G. Howard, and A.P. Carson


Emerging Therapies: Drugs and Regimens

-  **1159** Cardiovascular, Renal, and Metabolic Outcomes of Dapagliflozin Versus Placebo in a Primary Cardiovascular Prevention Cohort: Analyses From DECLARE-TIMI 58
A. Cahn, I. Raz, L.A. Leiter, O. Mosenzon, S.A. Murphy, E.L. Goodrich, I. Yanuv, A. Rozenberg, D.L. Bhatt, D.K. McGuire, J.P.H. Wilding, I.A.M. Gause-Nilsson, A.M. Langkilde, M.S. Sabatine, and S.D. Wiviott


Emerging Technologies: Data Systems and Devices

- ➔ **1168** Multicenter, Head-to-Head, Real-World Validation Study of Seven Automated Artificial Intelligence Diabetic Retinopathy Screening Systems
A.Y. Lee, R.T. Yanagihara, C.S. Lee, M. Blazes, H.C. Jung, Y.E. Chee, M.D. Gencarella, H. Gee, A.Y. Maa, G.C. Cockerham, M. Lynch, and E.J. Boyko
- 1176** Glycemic Outcome Associated With Insulin Pump and Glucose Sensor Use in Children and Adolescents With Type 1 Diabetes: Data From the International Pediatric Registry SWEET
R. Cardona-Hernandez, A. Schwandt, H. Alkandari, H. Bratke, A. Chobot, N. Coles, S. Corathers, D. Goksen, P. Goss, Z. Imane, K. Nagl, S.M.P. O'Riordan, and C. Jefferies, for the SWEET Study Group

Pathophysiology/Complications

-  **1185** Associations Between Exposure to Gestational Diabetes Mellitus In Utero and Daily Energy Intake, Brain Responses to Food Cues, and Adiposity in Children
S. Luo, B.C. Angelo, T. Chow, J.R. Monterosso, P.M. Thompson, A.H. Xiang, and K.A. Page

Cardiovascular and Metabolic Risk

- 1194** Newborn Adiposity and Cord Blood C-Peptide as Mediators of the Maternal Metabolic Environment and Childhood Adiposity
J.L. Josefson, D.M. Scholtens, A. Kuang, P.M. Catalano, L.P. Lowe, A.R. Dyer, L.C. Petito, W.L. Lowe Jr, and B.E. Metzger, on behalf of the HAPO Follow-up Study Cooperative Research Group
-  **1203** Type 2 Diabetes Subgroups, Risk for Complications, and Differential Effects Due to an Intensive Lifestyle Intervention
M.P. Bancks, H. Chen, A. Balasubramanyam, A.G. Bertoni, M.A. Espeland, S.E. Kahn, S. Pilla, E. Vaughan, L.E. Wagenknecht, and the Look AHEAD Research Group
- 1211** Cardiovascular and Renal Disease Burden in Type 1 Compared With Type 2 Diabetes: A Two-Country Nationwide Observational Study
R. Kristófi, J. Bodegard, A. Norhammar, M. Thuresson, D. Nathanson, T. Nyström, K.I. Birkeland, and J.W. Eriksson
- 1219** Relation of Lipoprotein(a) Levels to Incident Type 2 Diabetes and Modification by Alirocumab Treatment
G.G. Schwartz, M. Szarek, V.A. Bittner, D.L. Bhatt, R. Diaz, S.G. Goodman, J.W. Jukema, M. Loy, G. Manvelian, R. Pordy, H.D. White, and P.G. Steg, for the ODYSSEY OUTCOMES Committees and Investigators

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Video



Podcast



Supplementary Data



Companion Article

- 1228** Associations of Diet Quality and All-Cause Mortality Across Levels of Cardiometabolic Health and Disease: A 7.6-Year Prospective Analysis From the Dutch Lifelines Cohort
P.C. Vinke, G. Navis, D. Kromhout, and E. Corpeleijn

Meta-Analysis

- 1236** Meta-analyses of Results From Randomized Outcome Trials Comparing Cardiovascular Effects of SGLT2is and GLP-1RAs in Asian Versus White Patients With and Without Type 2 Diabetes
M.M.Y. Lee, N. Ghouri, D.K. McGuire, M.K. Rutter, and N. Sattar

Issues and Events

- 1242** Issues and Events

e-Letters – Observations

- e82** Exposure to Type 2 Diabetes Provokes Mitochondrial Impairment in Apparently Healthy Human Hearts
E. Zweck, D. Scheiber, T. Jelenik, F. Bönner, P. Horn, D. Pesta, H.-P. Schultheiss, U. Boeken, P. Akhyari, A. Lichtenberg, M. Kelm, M. Roden, R. Westenfeld, and J. Szendroedi
- e85** Creating Composite Indices From Continuous Variables for Research: The Geometric Mean
H.C. Gerstein, C. Ramasundarahettige, and S.I. Bangdiwala
- e87** Replication of DNA Methylation Variation Reported in Cord Blood Samples From GDM-Affected Pregnancies in Preadolescent and Adolescent Offspring of Women With GDM
L. Hjort, L.G. Grunnet, R. Saffery, S. Olsen, and A. Vaag
- e89** Interferent Effect of Hydroxyurea on Continuous Glucose Monitoring
E.D. Szmulowicz and G. Aleppo
- e91** Lower-Extremity Amputation Trends Among People With Diabetes in a Large Urban Environment
K.K. Chatha, B. Walsh, J. La Fontaine, M.E. Bowen, and L. Meneghini
- e93** Trends in Nontraumatic Lower-Extremity Amputation Among Privately Insured Adults With Diabetes in the U.S., 2004–2018
X. Zhou, L.J. Andes, D.B. Rolka, G. Imperatore, and S.R. Benoit

e-Letters – Comments and Responses

- e95** Comment on Rhee et al. Association Between Glycemic Status and the Risk of Parkinson Disease: A Nationwide Population-Based Study. *Diabetes Care* 2020;43:2169–2175
I.P. Melgoza, R. Jilani, Z. Shehzad, and A.K. Anam
- e97** Response to Comment on Rhee et al. Association Between Glycemic Status and the Risk of Parkinson Disease: A Nationwide Population-Based Study. *Diabetes Care* 2020;43:2169–2175
S.Y. Rhee and W.-Y. Lee
- e98** Comment on Piccinini and Bergman. The Measurement of Insulin Clearance. *Diabetes Care* 2020;43:2296–2302
A. Gastaldelli, R.A. DeFronzo, and M. Salehi

- e100** Response to Comment on Piccinini and Bergman. The Measurement of Insulin Clearance. *Diabetes Care* 2020;43:2296–2302
R.N. Bergman and F. Piccinini

- e102** 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
D.M. Maahs, G.T. Alonso, M.P. Gallagher, and O. Ebekeozien

- e103** Response to 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
J.M. Gregory, J.C. Slaughter, S.H. Duffus, T.J. Smith, L.M. LeSturgeon, S.S. Jaser, A.B. McCoy, J.M. Luther, E.R. Giovannetti, S. Boeder, J.H. Pettus, and D.J. Moore

- e105** Comment on Dawson-Hughes et al. Intratrial Exposure to Vitamin D and New-Onset Diabetes Among Adults With Prediabetes: A Secondary Analysis From the Vitamin D and Type 2 Diabetes (D2d) Study. *Diabetes Care* 2020;43:2916–2922
M.B. Davidson

- e106** Response to Comment on Dawson-Hughes et al. Intratrial Exposure to Vitamin D and New-Onset Diabetes Among Adults With Prediabetes: A Secondary Analysis From the Vitamin D and Type 2 Diabetes (D2d) Study. *Diabetes Care* 2020;43:2916–2922
B. Dawson-Hughes, J. Nelson, and A.G. Pittas

- e107** Comment on Lee et al. Multicenter, Head-to-Head, Real-World Validation Study of Seven Automated Artificial Intelligence Diabetic Retinopathy Screening Systems. *Diabetes Care* 2021;44:1168–1175
P. Soliz

- e108** Response to Comment on Lee et al. Multicenter, Head-to-Head, Real-World Validation Study of Seven Automated Artificial Intelligence Diabetic Retinopathy Screening Systems. *Diabetes Care* 2021;44:1168–1175
A.Y. Lee, C.S. Lee, M.S. Hunt, R.T. Yanagihara, M. Blazes, and E.J. Boyko

- e110** Comment on Cundy et al. Early Worsening of Diabetic Nephropathy in Type 2 Diabetes After Rapid Improvement in Chronic Severe Hyperglycemia. *Diabetes Care* 2021;44:e55–e56
A. Larroumet, O. Molina, N. Foussard, M. Monlun, L. Blanco, K. Mohammadi, and V. Rigalleau

- e112** Response to Comment on Cundy et al. Early Worsening of Diabetic Nephropathy in Type 2 Diabetes After Rapid Improvement in Chronic Severe Hyperglycemia. *Diabetes Care* 2021;44:e55–e56
T. Cundy, A. Holden, and E. Stallworthy