In This Issue

1541 In This Issue of Diabetes Care

Perspectives in Care

1543 SGLT2 Inhibitors in Combination Therapy: From Mechanisms to Clinical Considerations in Type 2 Diabetes Management
M.J.B. van Baar, C.C. van Ruiten, M.H.A. Musket, L. van Bloemendaal, R.G. Uizerman, and D.H. van Raalte

Commentaries

1557 Primum Non Nocere: Refocusing Our Attention on Severe Hypoglycemia Prevention
A.R. Kahkoska and J.B. Buse

1560 Can We RISE to the Challenge of Youth-Onset Type 2 Diabetes?
J.B. Buse, D.A. D’Alessio, and M.C. Riddle

Diabetes Care Symposium

1563 Intensive Glycemic Treatment During Type 1 Diabetes Pregnancy: A Story of (Mostly) Sweet Success!
H.R. Murphy

1572 Closing the Loop on Managing Youth With Type 1 Diabetes: Children Are Not Just Small Adults
J.L. Sherr

1579 Diabetes Technology Update: Use of Insulin Pumps and Continuous Glucose Monitoring in the Hospital
G.E. Umpierrez and D.C. Klonoff

Clinical Care/Education/Nutrition/Psychosocial Research

1590 Baseline Characteristics of the Vitamin D and Type 2 Diabetes (D2d) Study: A Contemporary Prediabetes Cohort That Will Inform Diabetes Prevention Efforts

1600 Sustained Reduction in Severe Hypoglycemia in Adults With Type 1 Diabetes Complicated by Impaired Awareness of Hypoglycemia: Two-Year Follow-up in the HypoCOMPASS Randomized Clinical Trial

1608 Type 1 Diabetes Self-Management From Emerging Adulthood Through Older Adulthood
M.M. McCarthy and M. Grey

1615 Dietary Patterns Over Time and Microalbuminuria in Youth and Young Adults With Type 1 Diabetes: The SEARCH Nutrition Ancillary Study

1623 Preventing Diabetes Distress in Adolescents With Type 1 Diabetes: Results 1 Year After Participation in the STePS Program
K.K. Hood, E. Iturralde, J. Rausch, and J. Weissberg-Benkhell

Epidemiology/Health Services Research

1631 Health Care Utilization and Burden of Diabetic Ketoacidosis in the U.S. Over the Past Decade: A Nationwide Analysis

1639 Ambulatory Medication Reconciliation and Frequency of Hospitalizations and Emergency Department Visits in Patients With Diabetes

1646 Diabetes and Trajectories of Estimated Glomerular Filtration Rate: A Prospective Cohort Analysis of the Atherosclerosis Risk in Communities Study

1654 Social Network Characteristics Are Associated With Type 2 Diabetes Complications: The Maastricht Study

Emerging Therapies: Drugs and Regimens

1663 Neoplasms Reported With Liraglutide or Placebo in People With Type 2 Diabetes: Results From the LEADER Randomized Trial
M.A. Nauck, T.J. Jensen, C. Rosenkilde, S. Calanbo, J.B. Buse, and the LEADER Publication Committee on behalf of the LEADER Trial Investigators

1672 A Randomized Controlled Trial Comparing Efficacy and Safety of Insulin Glargine 300 Units/mL Versus 100 Units/mL in Older People With Type 2 Diabetes: Results From the SENIOR Study
R. Ritzel, S.B. Harris, H. Baron, H. Florez, R. Roussel, M. Espinasse, I. Muehlen-Bartmer, N. Zhang, M. Bertolini, C. Brulle-Wohlhueter, M. Munshi, and G.B. Boll

Emerging Technologies: Data Systems and Devices

1681 Investigation of the Accuracy of 18 Marketed Blood Glucose Monitors

Pathophysiology/Complications

1689 Higher Plasma Methylglyoxal Levels Are Associated With Incident Cardiovascular Disease and Mortality in Individuals With Type 2 Diabetes
N.M.J. Hансsen, J. Westerink, J.J.L.M. Scheijen, J.V. van der Graaf, C.D.A. Stehouwer, and C.G. Schalkwijk, on behalf of the SMART Study Group

1696 Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: I. Observations Using the Hyperglycemic Clamp
The RISE Consortium

1707 Metabolic Contrasts Between Youth and Adults With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes: II. Observations Using the Oral Glucose Tolerance Test
The RISE Consortium
Impact of Insulin and Metformin Versus Metformin Alone on β-Cell Function in Youth With Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes
The RISE Consortium

Mexican Carriers of the HNF1A p.ES08K Variant Do Not Experience an Enhanced Response to Sulfonylureas

Saturated Fat Is More Metabolically Harmful for the Human Liver Than Un satu rated Fat or Simple Sugars

Pathophysiological Characteristics Underlying Different Glucose Response Curves: A Latent Class Trajectory Analysis From the Prospective EGIR-RISC Study

Cognitive Function Deficits Associated With Long-Duration Type 1 Diabetes and Vascular Complications
G. Musen, J.I. Tinsley, K.A. Marckinson, D. Pober, J.K. Sun, M. Khatri, R. Huynh, A. Lu, G.L. King, and H.A. Keenan

Effect of Aspirin on Cancer Chemoprevention in Japanese Patients With Type 2 Diabetes: 10-Year Observational Follow-up of a Randomized Controlled Trial

Identification of Novel Urinary Biomarkers for Predicting Renal Prognosis in Patients With Type 2 Diabetes by Glycan Profiling in a Multicenter Prospective Cohort Study: U-CARE Study 1

Cardiovascular and Metabolic Risk

National Rates of Initiation and Intensi fication of Antidiabetic Therapy Among Patients With Commercial Insurance
L.G. Glistrap, A. Mehrotra, B. Bai, S. Rose, R.A. Blair, and M.E. Chernew

Hypoglycemia, Cardiovascular Outcomes, and Death: The LEADER Experience
B. Zinman, S.P. Marso, E. Christiansen, S. Calanna, S. Rasmussen, J.B. Buse, and the LEADER Publication Committee on behalf of the LEADER Trial Investigators

Adiponectin, Free Fatty Acids, and Cardiovascular Outcomes in Patients With Type 2 Diabetes and Acute Coronary Syndrome

Effect of Empagliflozin on Liver Fat in Patients With Type 2 Diabetes and Nonalcoholic Fatty Liver Disease: A Randomized Controlled Trial (E-LIFT Trial)

Analysis of Fractures in Patients With Type 2 Diabetes Treated With Empagliflozin in Pooled Data From Placebo-Controlled Trials and a Head-to-Head Study Versus Glimepiride
S. Køhler, S. Kaspers, A. Salsali, C. Zeller, and H.J. Woerle

Novel Communications in Diabetes

Effects of Pentoxifylline on Soluble Klotho Concentrations and Renal Tubular Cell Expression in Diabetic Kidney Disease

Review

Large-for-Gestational-Age Neonates in Type 1 Diabetes and Pregnancy: Contribution of Factors Beyond Hypoglycemia
R.T. McGrath, S.J. Glastras, S.L. Hocking, and G.R. Fulcher

Images in Clinical Diabetes

Visual Inspection of Chromatograms Assists Interpretation of HbA1c: A Case Report
Q. Li, Y. Xiao, A.D. Shah, and S. Li

Erratum


Issues and Events

Issues and Events

e-Letters – Observations

e129
Acute Effect of Empagliflozin on Fractional Excretion of Sodium and eGFR in Youth With Type 2 Diabetes