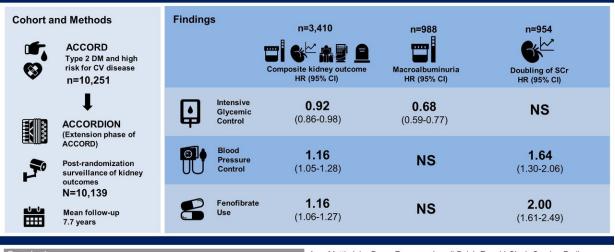


## Study questions certain treatments for diabetic patients at high risk for heart disease

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## What are the long-term kidney effects of aggressive control of glycemia, blood pressure and lipids?





In people with type 2 diabetes at high risk for cardiovascular disease, intensive glycemic control may result in a long-term reduction in macroalbuminuria. However, intensive BP control and fenofibrates may increase the risk for adverse kidney events

Amy Mottl, John Buse, Faramarz Ismail-Beigi, Ronald Sigal, Carolyn Pedley, Vasilios Papademetriou, Debra Simmons, Lois Katz, Josyf Mychaleckyj, Timothy Craven. Long-Term Effects of Intensive Glycemic and Blood Pressure Control and Fenofibrate Use on Kidney Outcomes. CJASN doi: 10.2215/CJN.06200518

Credit: Mottl

New research suggests that attempts to normalize blood pressure, and cholesterol may have negative long-term effects on kidney health in adults with type 2 diabetes who are at high risk for cardiovascular disease. The results appear in an upcoming issue of the *Clinical Journal* 



of the American Society of Nephrology (CJASN) and will be presented at ASN Kidney Week 2018.

Type 2 diabetes greatly increases the risk for both cardiovascular disease and chronic kidney disease. Therefore, it is especially important to protect the heart and kidney health of patients with type 2 diabetes. In these patients, aggressive control of blood sugar, blood pressure, and cholesterol has resulted in conflicting short-term effects on kidney health. To determine the long-term kidney effects of these interventions, Amy K. Mottl, MD (University of North Carolina Kidney Center), Timothy E. Craven, MSPH (Wake Forest School of Medicine), and their colleagues examined information on more than 10,000 participants in ACCORDION, which is an extension phase of the ACCORD trial, a multifactorial intervention study in people with type 2 diabetes at high risk for cardiovascular disease.

The team found that intensive blood sugar control aiming for normal average <u>blood sugar</u> (hemoglobin A1c target

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