



## OUR RESEARCHERS | DR. CALVIN KE

**Thank you for your generosity. Diabetes Canada is grateful to our donors for supporting critical research that will end diabetes.**

**Through your support, Dr. Calvin Ke, assistant professor in the Department of Medicine, University of Toronto, clinician scientist at the Toronto General Hospital Research Institute, and staff endocrinologist at the Toronto General Hospital, is bringing us one step closer to improved treatments for people living with type 2 diabetes.**

In the past, most people were diagnosed with type 2 diabetes after the age of 40. Nowadays, it is 30% more common for people to be diagnosed before the age of 40.

When compared, people diagnosed before the age of 40 with type 2 diabetes are more likely to experience more heart attacks, strokes, and other serious consequences of the disease.

Because people diagnosed earlier live with their condition for many decades, Dr. Ke believes that the impacts of high blood sugars and high cholesterol could be far greater than previously realized on these individuals' health.

Diabetes Canada is supporting Dr. Ke's research into how blood sugar and cholesterol levels in early adulthood affects the future risk of heart attack and stroke among people diagnosed with type 2 diabetes before the age of 40. His findings will provide valuable information for developing better strategies to help these people live healthier lives. For example, doctors usually prescribe drugs to lower cholesterol levels among people with diabetes after the age of 40 years, but people diagnosed earlier with diabetes could benefit from these drugs at a much earlier age.

**Thank you for giving hope for a healthier future to people with type 2 diabetes.**