



OUR RESEARCHERS | DR. CLAUDIA GAGNON

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

Through your support, Dr. Claudia Gagnon, a clinician researcher at the CHU de Québec-Laval University Research Centre and a Professor at Laval University's School of Medicine, is bringing us one step closer to better health outcomes for people living with type 1 diabetes.

People living with type 1 diabetes have a 2- to 7-fold higher risk of fracture because both bone mass and bone quality are affected by this disease. Based on what we know, bone fragility in people with type 1 diabetes is different than bone fragility caused by aging. What we don't know is if common anti-osteoporosis drugs are the best strategy to improve bone health in people with type 1 diabetes.

Diabetes Canada's support will enable Dr. Gagnon to determine:

- 1) Whether people with type 1 diabetes lose bone or bone quality more so than people without diabetes
- 2) If blood sugar control affects bone health in people with type 1 diabetes

Dr. Claudia Gagnon is working on improving our understanding of the mechanisms behind type 1 diabetes bone fragility, to inform better prevention strategies and treatments.

Thank you for giving hope for a healthier future to people with type 1 diabetes.