



Why is CIRCLE being conducted?

- To obtain current rates of reported diabetes-related complications in First Nations communities.
- To advance understandings of current health services usage (as it relates to diabetes care) in First Nations communities.



How will CIRCLE benefit my community?

- It will build community capacity/development (e.g. hiring and training of community-based research assistants). Community-based research assistants will gain research skills through training provided by staff at the University of Western Ontario.
- There will be no financial cost to your community
- The study will help determine what impact diabetes is having on your community.
- The study results will help develop strategies to achieve better diabetes healthcare for all First Nations communities.
- The results will also serve as a benchmark to assess the effectiveness of complication prevention and treatment programs for type 2 diabetes in First Nations communities across Canada.



Researchers

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Canadian First Nations Diabetes Clinical Management Epidemiologic Study




C I R C L E
S T U D Y

A Partnership Between The University of Western Ontario & First Nations Communities



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What exactly is CIRCLE?




CIRCLE is a 3 year national (coast-to-coast) diabetes research study that involves the review of medical charts (called a “chart audit”) in order to determine:

- The current state of clinical management of type 2 diabetes in First Nations communities.
- The rates of reported diabetes-related complications in First Nations communities (for example, nerve, kidney and eye damage).



Who will participate in CIRCLE?

- Fifty participants (18 years and older) from 20 First Nations communities across Canada who have been diagnosed with type 2 diabetes are eligible to have their medical charts reviewed. Please note that participation in the CIRCLE study is entirely voluntary/by permission.
- Doctors, nurses and community health representatives from each participating First Nations community.
- Diabetes research specialists from across Canada will oversee the study.




How will CIRCLE be conducted?

Research assistants from each participating First Nations community will be hired to help conduct the study. The research assistants will:

- Review medical charts for diabetes treatment and care information from eligible community residents. Charts will be reviewed only after informed consent (i.e., permission) has been received. Privacy and confidentiality will be fully respected.
- Distribute questionnaires to community health professionals to assess the level of diabetes care and available diabetes health services in the community.
- Following the Ownership, Control, Access and Possession (OCAP) principles, all information collected for the CIRCLE study will be under the protection and control of the participating First Nations communities

One diabetes research specialist will be responsible for overseeing the study in each participating First Nations community.

When will CIRCLE be conducted?

Year 1 (January 2007– December 2007)

- Identify participating communities
- Community meetings and planning

Year 2 (January 2008 – December 2008)

- Hiring and chart review training of community research assistants (RAs)
- Identify and recruit eligible patients/charts
- RAs will collect informed consent
- RAs will conduct the chart review in 20 participating First Nations communities
- RAs will distribute and collect questionnaires

Year 3 (January 2009 – December 2009)

- Data entry and analysis/interpretation of findings
- Joint (community/researcher) preparation of final report based on research results
- Presentation of results to all participating First Nations communities
- Dissemination of project results to other First Nations communities and the general population through conferences, meetings, publications, and other suitable media

CONTACT US!

To learn more about the CIRCLE study, please contact the project coordinator:

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