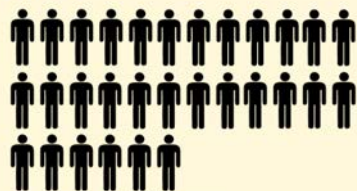


Alzheimer's Research in Canada

funding

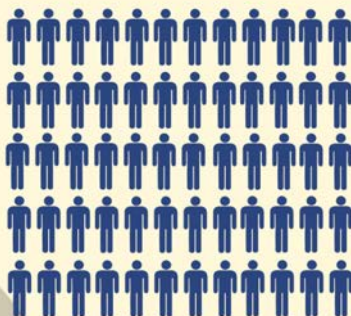
Canadians living with Alzheimer's and other dementias

2011



x 25 000 =
747 000

2031



x 25 000 =
1.4 Million

\$214

Million

CIHR funding for dementia research over the last 10 years

Economic cost of dementia

2011

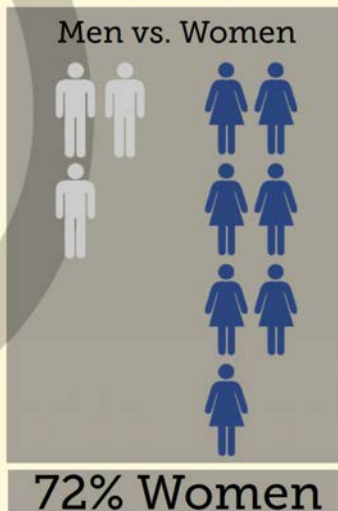


\$33 Billion

2040



\$293 Billion



Statistics supplied by:
Alzheimer Society of Canada

research key milestones in Canada

2000

Dr. Peter St George-Hyslop develops a vaccine that prevents Alzheimer's disease in mice. He and his team also discover the nicastrin protein.

2005

Drs. Vladimir Hachinski and Sandra Black help to achieve consensus to harmonize protocols for clinical, cognitive, imaging, and pathological evaluation of Vascular Cognitive Impairment, which are now being validated in several countries around the world. They also influence thinking on the important interactions between Alzheimer's and cerebrovascular disease.

Dr. Ziad Nasreddine and colleagues publish the Montreal Cognitive Assessment (MoCA) test which quickly becomes the standard assessment tool worldwide for identifying mild cognitive impairment, often a precursor of Alzheimer's disease.

Dr. Debra Morgan leads the development of a Rural and Remote Memory Clinic for dementia patients in Saskatchewan – changing the philosophy of caring for people with dementia in rural and remote communities.

2006

Drs. Joanne McLaurin and colleagues stop the build-up of toxic plaque in mice with Alzheimer's disease, essentially curing the disease, using a small molecule known as scyllo-cyclohexanehexol.

Dr. Howard Chertkow chairs the Third Canadian Consensus Conference on the Diagnosis and Treatment of Dementia which led to the formulation of new clinical guidelines for physicians.

Drs. Ian Mackenzie and Howard Feldman discover mutations in progranulin gene as major cause of frontotemporal dementia.

2008

CIHR signs a co-operation agreement with France and Québec on diagnosis, treatment and management of patients with Alzheimer's disease.

Dr. Kenneth Rockwood starts the Canadian Dementia Knowledge Translation Network (CDKTN) – a forum to exchange credible information about dementia research.

2009

Dr. Alan C. Evans develops CBRAIN – a platform for the processing and exchange of brain imaging data that will allow Alzheimer's disease and related dementias researchers globally to access and contribute to large imaging databases.

2010

CIHR partners with the US National Institutes of Health to fund Alzheimer's Disease Neuroimaging Initiative Trial Sites.

CIHR partners with European countries to fund Centres of Excellence in Neurodegeneration Research.

2011

CIHR partners with the National Science Foundation of China to fund team grants.

Dr. Sylvie Belleville demonstrates memory training can help increase brain plasticity and reduce the symptoms of Alzheimer's.

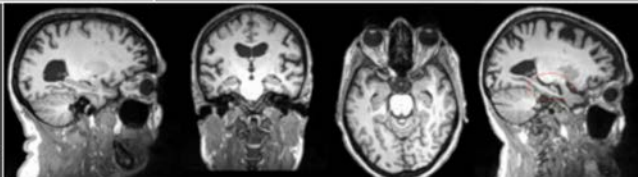
An international Alzheimer research team, including researchers from Canada, identify five additional genes that each add risk of dementia.

2012

CIHR joins the EU Joint Programme on Neurodegenerative Disease Research. Canada is the first country outside the European Union to join.

2013

A funding opportunity for the Canadian Consortium on Neurodegeneration in Aging (CCNA), a major pan-canadian research initiative, is launched.



Since 2009, CIHR has been leading a research strategy for Alzheimer's. The strategy is ensuring Canada stays at the forefront of the global fight against dementia.

www.cihr-irsc.gc.ca/e/alzheimer.html



Canadian Institutes of Health Research

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Canada