

THE GARRON FAMILY CANCER CENTRE 2014 FACTS

A child's cancer diagnosis is one of the most devastating situations imaginable. While cancer is no longer a death sentence thanks to advances in research, treatment and education, an average of 250 Canadian children succumb to this disease annually. With the generous support of our donors, The Garron Family Cancer Centre is working to reduce the mortality rate of paediatric cancer to zero per cent.

- Cancer is the most common disease-related cause of death in Canadian children beyond the newborn period.
- Thanks to advances in research, education, and care, more than 80 per cent of children will survive a cancer diagnosis.
- In Canada, approximately 1,400 children are diagnosed with cancer each year. SickKids treats approximately a quarter of them through the Garron Family Cancer Centre.
- SickKids sees a new cancer patient almost every day, accounting for 60 per cent of all childhood cancer cases in Ontario. In 2013, 361 children were diagnosed with cancer at SickKids.
- second in Canada, and only one of 13 in North America. The MIBG suite offers a new treatment option for children from across Canada with relapsed neuroblastoma.
- Last year, SickKids performed 93 bone marrow transplants.
- There are currently 15 clinical trials taking place at the Garron Family Cancer Centre with 20 more expected to begin shortly.
- SickKids scientists have been behind a number of groundbreaking discoveries in paediatric cancer research, including the following:

Each year, SickKids treats approximately 20 to 25 children with neuroblastoma, a cancer affecting the nervous system.

- In 2014, SickKids researchers identified the reason why ependymoma, a brain tumour affecting babies and toddlers, is resistant to chemotherapy.
- In 2012, a study led by SickKids revealed a possible method of removing leukemia stem cells, preventing relapse of acute myeloid leukemia.
- In 2011, SickKids scientist and oncologist Dr. David Malkin developed a new approach for early detection of cancer in children with an inherited susceptibility to the disease. The "Toronto protocol" has led to a dramatic increase in the survival rate for children with Li-Fraumeni syndrome – a cancer predisposition syndrome – and has been adopted by care providers around the world.
- In 2010, SickKids scientist Dr. Michael Taylor discovered the most common childhood brain tumour, medulloblastoma, is actually four distinct forms of cancer.
- In 2003, SickKids scientist and neurosurgeon Dr. Peter Dirks identified the stem cells responsible for initiating brain tumours.
- Between 400 and 500 Canadian children are diagnosed with a brain tumour each year. SickKids will treat approximately 150 of them.
- Approximately 33 per cent of new cancer diagnoses at SickKids are solid tumours. There are many types of solid tumours including neuroblastoma, bone and muscle tumours, sarcoma, retinoblastoma and renal tumours.
- Leukemia is the most common form of childhood cancer. Approximately 45 per cent of new diagnoses at SickKids are leukemia and lymphoma. Last year, SickKids provided care to approximately 100 children with leukemia.
- SickKids is home to the largest oncology training program in the country and has trained nearly 80 per cent of all practicing paediatric oncology specialists in Canada.
- In October of 2013, SickKids opened The Garron Family MIBG Suite. It is the first paediatric MIBG centre in Ontario,

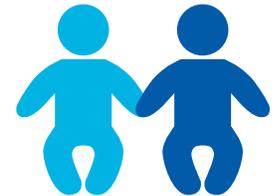
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In Canada, about **1,400 children** are diagnosed with cancer each year. SickKids treats approximately **25 per cent** of those children at its Garron Family Cancer Centre.



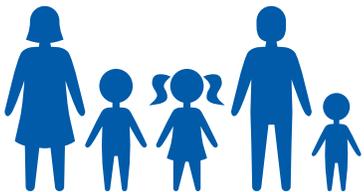
SickKids sees a new cancer patient almost every day, accounting for **60 per cent** of all childhood cancer patients in Ontario.



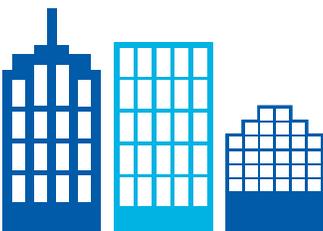
Cancer is the most common disease-related cause of death in Canadian children beyond the newborn period.

360+

SickKids treats more than **360 cancer patients** each year.



There are currently **15 clinical trials** taking place at the Garron Family Cancer Centre with **20** more expected to begin shortly.



The Garron Family MIBG Suite is the first paediatric MIBG centre in Ontario, second in Canada, and only one of **13** in North America.



SickKids is home to the largest oncology training program in the country and has trained nearly **80 per cent** of all practicing paediatric oncology specialists in Canada.



Together we will make a difference in the lives of children. With your donation we will change their future.
sickkidsfoundation.com

SickKids®