



2016 DOLLARS AT WORK

Funds raised through Enbridge Ride to Conquer Cancer enable the Alberta Cancer Foundation to support breakthrough cancer research, clinical trials, enhanced care and the discovery of new cancer therapies at the Tom Baker Cancer Centre, Cross Cancer Institute and 15 other centers across Alberta.

IMPACTS & USE OF FUNDS OF FUNDS:

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As the largest cancer foundation in Alberta, The Alberta Cancer Foundation's mission is to achieve a cancer-free future, so they invest in cancer prevention and screening, enhanced care and research across Alberta.

Funds raised through 2014 Ride to Conquer Cancer are powering Research, Clinical Trials and Enhanced Care Programs including:

- **Clinical Trials** – The Alberta Cancer Foundation supports every single clinical trial that takes place in Alberta, and over the past five years the Enbridge Ride to Conquer Cancer has given 6,000 Albertans the opportunity to take part in ground breaking research. Alberta is a national leader Clinical Trials and funds raised through The Ride enable the continuity of promising clinical trials which enable patients access to promising new cancer treatments, drugs and therapies. In the last year, 927 gained access to a clinical trial in Alberta—a six per cent increase from the previous year.

Trials underway are also examining the efficiency of: hormone therapy, chemotherapy, radiation therapy and immunotherapy; combinations of treatments; and exploring new, less invasive methods of surgery.

- **Brain Cancer Research** - Glioblastoma is the most common and deadly form of brain cancer among adults. The progression and complexity of the tumours are often difficult to treat and the median survival for patients is 15 months, with less than five per cent of patients surviving beyond five years.

Researchers in Calgary are currently leading a new \$8.2-million drug discovery project. Thanks in part to funds from the Ride to Conquer Cancer, we are working to identify new drug discoveries that have a chance to make a difference for glioblastoma patients in Alberta and around the world.

- **Breast Cancer Research** - Every day, 6 Albertans are diagnosed with breast cancer. Funds from the Ride will support ground-breaking research looking to identify biomarkers that could help medical teams determine the best treatment for each patient at the right time.
- **Enhanced Care** - There are 15 Alberta Cancer Foundation Patient Navigators in rural communities across the province to guide patients through the health system. The navigators guide patients and families through the complex cancer journey, and understand additional challenges rural Albertans face with a cancer diagnosis. Because of support from the Enbridge Ride to Conquer Cancer, Alberta Cancer Foundation Patient Navigators have supported over 5,000 patients in rural Alberta.
- **Prostate Cancer Research** - In Alberta, one in seven men will be diagnosed with prostate cancer in their lifetime. If detected early, prostate cancer is one of the most successfully treated cancers. Funds from the Ride to Conquer Cancer will assist Dr. John Lewis to research a biomarker that accurately predicts whether prostate cancer patients are at risk of metastasis and ultimately, will assist in developing the best treatment plan for each patient.
- **Ovarian Cancer Detection** - The Enbridge Ride to Conquer Cancer will help a team of scientists who are challenging ovarian cancer and looking to identify ways to detect cancerous cells earlier. Currently, Dr. Postovit is working to create a test women can do at their regular check-ups showing a marker that helps predict if an ovarian cancer is there. Not only will this test improve patient outcomes but will also provide patients with what matters most: more moments with their loved ones.
- **Head and Neck Cancer Therapies** - Swallowing disorders affect 70 per cent of patients with head and neck cancer, which can lead to a dependence on tube feeding, affecting social interactions and overall quality of life. The current therapy required is time and labour intensive for both patient and therapist. A research team in Edmonton is testing a mobile app that will receive information from a simple adhesive pad under patients' chins, and instantly share that feedback with clinicians. This will enhance patient quality of life, as they can receive treatment from the comfort of their home. The goal is to have this device in clinical trials within two years.
- **Lung Cancer Screening Program** - This year alone, nearly 2000 Albertans are expected to be diagnosed with lung cancer. Sadly, 1700 will die. So far, no Canadian province has a lung cancer screening program. With help from the Ride, Alberta will be the first, launching a province-wide screening program that best determines who to screen and when, saving many Albertans' lives.
- **Alberta Cancer Research Biorepository** – Researchers at the Tom Baker Cancer Centre, Cross Cancer Institute and 15 other centers across Alberta are collecting samples, identifying genetic profiles and finding patterns and linkages that otherwise would be impossible. This vital information enables medical teams to screen and treat individuals with these patterns more aggressively which leads to better outcomes for more Albertans. Funds raised through The Ride ensure this life-saving genetic research can continue.

Funds raised through the Ride also support:

- **Over 2,000 Albertans** - Who are currently participating in more than 200 clinical trials around the province, spanning all cancer types.
- **Expansion of The Alberta Cervical Cancer Screening Program** - To increase screening rates leading to more. The program encourages women across the province ages 21 to 69 to be screened, and the results mailed along with reminders to follow up.
- **Next Generation PET/CT Scanner**- At Edmonton's Cross Cancer Institute will be the first scanner of its type in Canada. The PET/CT Scanner provides high-resolution images, which enables medical teams to scan more patients and detect smaller tumours, earlier and with more precisions.
- **Colorectal Cancer Surveillance Research Program** – To identify methods to detect reoccurring cancer before it's too late.
- **Ocular Brachytherapy Program**: Enables treatments for eye cancer patients to be offered here in Alberta.
- **Patient Journal Giveaways** - Provides newly diagnosed cancer patients with a journal containing important cancer information and resources.
- **Glioblastoma Research** – To discover more about the deadliest form of brain cancer.
- **Trainee, Fellowship Programs & Grans Program** – To support cutting-edge research and help develop the next generation of cancer researchers.