

Alberta Cares

ADVANCEMENTS IN AI:
**How your
generosity is
changing the future
of cancer care**

Dr. Emily Walker, Precision Analytics
Program Lead for Cancer Care Alberta

GAY YOUNG SYSTEMIC
THERAPY UNIT

MAKING AN IMPACT
EVERY MONTH



**ALBERTA
CANCER
FOUNDATION**

More Progress.

Improving patient care

Gay Young Systemic Therapy Unit



Brought to life by the generosity of Gay Young's friends and family, the Gay Young Systemic Therapy Unit at the Cross Cancer Institute in Edmonton opened its doors in 2025. The bright and comfortable unit welcomes up to 40 patients every day for treatments including chemotherapy, targeted therapy, hormone therapy and immunotherapy.

Thanks to researchers, health care professionals and donors who make places like this possible, more than 2,500 Albertans will receive treatment in this beautiful space each year.

Advancing immunotherapy research and care.

Thanks to a transformational \$25-million gift from the Riddell Family Charitable Foundation, the Riddell Cancer Centre for Immunotherapy has become a leading research hub at the Arthur J.E. Child Comprehensive Cancer Centre in Calgary.

Research done at the Riddell Centre will help to reduce the burden of cancer in children and adults and improve survival through the development of precision cell and immune therapies.

Donor generosity makes life-changing research possible. Together, we are transforming the future of cancer treatment right here in Alberta.

"It takes a village to take care of each other, especially through vulnerable times."

~ Tina Birkin, Manager of the Gay Young Systemic Therapy Unit

Making an impact, every month

Before his diagnosis, Norm Sanders was an active, healthy man who ran marathons and participated in cross-country skiing competitions, so a cancer diagnosis caught him completely by surprise. But what shocked him most was being told he had 12 months to live. *That was 25 years ago.*

Every cancer clinical trial in Alberta receives funding from the Alberta Cancer Foundation — just like the one that saved Norm's life all those years ago. But it's the generosity of donors who understand how critical it is to

fund groundbreaking research right here in Alberta that pushes progress forward.

And while every gift matters, monthly support provides steady, reliable funding that helps shape today's care and tomorrow's life-saving breakthroughs.

"I'm now a monthly donor because I know exactly what it took to get me where I am today," Norm says. "Exceptional care, research and medical teams changed and saved my life."



"We are not wealthy, but we will support the Alberta Cancer Foundation and the Cross Cancer Institute forever. We will do anything to help out."

~ Norm Sanders

MORE INNOVATION

Harnessing data to improve cancer care

Precision analytics uses data to transform how cancer care is delivered across Alberta, opening the door to a new era of patient-centred care. By turning complex health data into actionable insights, doctors and care teams can make better decisions about how cancer is prevented, diagnosed and treated.

It's estimated that 24,000 Albertans will be diagnosed with cancer this year — a number predicted to rise by 29 per cent by 2030. At the same time, more people are living longer after a cancer diagnosis thanks to ongoing research, innovation and new treatments. And while that's very good news, these two rising numbers are threatening to overwhelm an already stretched healthcare system.

Using the power of data and advanced analytics, Alberta is developing smarter ways of allocating resources, planning the workforce and delivering care **that responds to the changing needs of Albertans.**

"We are looking at how we can generate tools and evidence that will ultimately be used in making decisions about allocating resources around the province — what types of specialists are needed where, and what types of resources are needed where," says Dr. Emily Walker, Precision Analytics Program Lead for Cancer Care Alberta. "It's really cool and exciting."

"That work includes revolutionizing how data is used to plan cancer care, aiming to improve access, reduce wait times and deliver better experiences and outcomes for every Albertan facing cancer — now and in the future" - Dr. Walker

Alberta has a unique advantage: access to some of the most comprehensive and timely cancer data in North America, supported by an interconnected health data system unlike any other province.



"I feel very passionate about it. There's so much we can do in Alberta to affect change in the health system. We have such a wealth of data, and we can really revolutionize how we're using it to improve the system."

~ Dr. Emily Walker, Precision Analytics Program Lead for Cancer Care Alberta.

By combining this data with expertise in artificial intelligence, machine learning and epidemiology and by working closely with patients and care teams — we can build a smarter, more responsible care system while maintaining patient privacy.

This powerful combination of technology, expertise and collaboration is positioning Alberta as a leader in the next generation of cancer care.

This is how we move cancer care forward. And Alberta is ready to lead the way — thanks to your support.



FROM THE DESK OF Dr. Irwindeep Sandhu

Donor support is so critical. Without that source of capital, a lot of critical activity in labs across Alberta simply can't happen. And without funds to facilitate innovation, research and development, it becomes much harder to move beyond where we are today. And while what we have today is good, I want better.

Because Albertans deserve the very best.

I'm never satisfied with the status quo. I want to see if we can leapfrog all the way to the top!

And with donor support, I know we can. I truly believe the future is going to be very bright, thanks to you.

More impact.

YOUR GENEROSITY IN ACTION!

Every gift you make helps bring the latest treatments, vital support and new possibilities within reach for Albertans facing cancer today and in the future.

Your generosity also supports cutting-edge research and cancer clinical trials that are moving promising discoveries from the lab to the clinic, bringing hope and leading-edge treatments to Albertans across the province.

Look at what your generosity is helping achieve!

221

active cancer clinical trials

72

new cancer clinical trials opened last year

972

Albertans facing cancer enrolled in clinical trials in 2025

8.7%

increase in cancer survival rates in Alberta, the most significant improvement compared to all other provinces.

Thank you for continuing to support bold advancements in cancer research and care. Together, we are creating more hope and more moments for Albertans facing cancer.

More ways to support Albertans facing cancer

Your gifts have the power to create more hope and more moments for the 24,000 Albertans who are diagnosed with cancer each year.

Monthly giving

Every gift to the Alberta Cancer Foundation makes a meaningful impact to becoming a monthly donor is an important way to help provide Albertans with the best access to treatment and care by providing consistent, stable funding. It enables us to respond quickly to support patient programs and cutting-edge research opportunities, or to help replace costly equipment at cancer centres across the province.

For more information on becoming a monthly donor, albertacancer.ca/monthly

Legacy giving

A future gift is a legacy of hope. It's promising progress, access to better treatments and brighter outcomes for our children, grandchildren and every generation that follows. Leave a legacy that carries hope forward with a gift in your will, through life insurance, or by naming the Foundation as a beneficiary of an RRSP/RRIF.

For more information on legacy giving, visit albertacancer.ca/legacy-giving

Stay connected

Learn about the groundbreaking research and advancements in treatment and care your donations support and read more about the Albertans impacted by your generosity.

Follow us:

@[albertacancer](https://twitter.com/albertacancer) – Alberta Cancer Foundation



Share your story with us

Every donation helps bring care, progress, and hope to Albertans facing cancer. By sharing your story, you can help others see the real impact of that generosity. If you have a memory, moment, or experience you would like to share, we would love to hear it. Here's how to share your story:

albertacancer.ca/share-your-story



Help give Albertans facing cancer more hope and more moments. Support the Alberta Cancer Foundation today.

Give online at albertacancer.ca/summer-news



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