



Bringing Precision Oncology to Albertans

Provincial Brachytherapy Program

We are currently living in the era of “precision medicine” - tailoring treatment plans to individual patients by identifying who will respond best to which type of treatment and preventing patients from undergoing unnecessary treatment.

Brachytherapy is the ultimate in precision oncology. In this ever-evolving field, this type of radiotherapy treatment has the ability to deliver the optimal dose of radiation to each patient by placing a tiny radioactive source called iridium in to the area requiring treatment.

This novel approach targets the tumour in a more customized way than traditional methods, reduces the toxicity of traditional radiation, and improves patient quality of life. Strides in brachytherapy have already been made in prostate and gynecologic cancers. The Provincial Brachytherapy Program will establish a program that builds off this knowledge and expands the number of clinical trials that will aim to advance this field and bring the latest, most advanced treatment options to Alberta.



You are helping to provide Albertans facing cancer with access

to the most advanced treatment options

Learn more at
albertacancer.ca/improved-treatment

The Impact

The provincial brachytherapy program will provide new and tailored treatment options to Albertans furthering research in this ground-breaking field while improving patient care. The program is also provincially coordinated, meaning all Albertans can access it no matter where they live.



What This Will Mean

Who We Are

We are bold. We are patient-focused. We are Albertan. We support all 17 Alberta Health Services centres across the province - their patients, families and staff. As the only health foundation in Alberta that supports and covers the entire span of the province, we are constantly in search of ideas that will be translated into meaningful outcomes that benefit patients and families.

How We Invest

Every day, 53 Albertans hear the words, "you have cancer." Thanks to the generosity of donors, the foundation invests in research and programs that will have a direct impact on Albertans facing cancer. Investments that will reduce risk, detect cancer earlier, improve quality of life and provide better treatment options. We identify and fund projects that will deliver high-potential impact and we leverage the impact of donor dollars wherever possible while monitoring investments closely to ensure that we are delivering on our promise to create more moments for Albertans facing cancer.



“Brachytherapy is the ultimate in precision radiotherapy, allowing customized placement and dosing to meet an individual patient’s needs.”

- Dr. Corinne Doll - Radiation Oncologist and Researcher,
Tom Baker Cancer Centre

Thank you for making life better for Albertans facing cancer