

Ensuring Access to Lifesaving Radiation Therapy

RADIATION THERAPY SAVES LIVES

RT can help cure and manage a range of cancer types, including breast, lung, prostate, colorectal, head and neck, and cervical cancer, which account for more than 50% of cancer cases worldwide.

Radiation therapy contributes to the long-term survival of millions of cancer patients around the world, with roughly 50-60% of all people diagnosed with cancer receiving RT at some point during their care.

If every cancer patient who needs RT has access to it, it's estimated that more than 1 million more lives would be saved every year.

MORE THAN
1 MILLION LIVES

would be **saved** every year



2

The capital investment needed to build and maintain facilities is often prohibitive and favors higher population areas of the U.S.

3



Globally, approximately 90% of the population in low-income countries lack access to RT, even though they account for 85% of the world's population.

WHAT IS RADIATION THERAPY?

Radiation therapy (RT), also known as radiotherapy, is a cutting-edge cancer treatment that treats a wide range of cancer types, both on its own and in combination with other cancer treatments. RT treatments are usually local and can be either external (high-energy beams aimed at cancer) or internal (a source of radiation is put inside the body, such as brachytherapy and systemic therapy).

RT can be used as primary treatment, neoadjuvant therapy (before the main treatment), adjuvant therapy (after other treatment), and palliative therapy to relieve symptoms.

RADIATION THERAPY IS CONVENIENT

RT is an outpatient treatment, and its side effects can be mild and temporary compared to other forms of cancer treatment. The majority of patients can continue normal activity during and immediately following treatment.

AND YET, MANY PATIENTS LACK ACCESS TO RADIATION THERAPY

- 68.5% of all U.S. counties, representing 50.8 million people, lacked a radiation oncology practice site in 2025.
- 427 U.S. counties experienced a net loss of radiation oncology practice sites from 2018 to 2025.
- 21% of cancer patients travel over 1 hour each way to radiation appointments.

1

In the United States, it is estimated that



5%

of the population lives more than 50 miles from the closest RT facility.

4

There are 30 countries without a single radiation treatment site.

