At least a quarter of patients who need radiotherapy **DO NOT** receive it.\(^1\)

By 2035, if every cancer patient who needs radiotherapy has access to it, almost **ONE MILLION** more lives will be saved every year worldwide.\(^4\)

Radiotherapy alleviates cancer symptoms, such as pain, and **IMPROVES** patients’ quality of life.\(^4\)\(^6\)\(^8\)

State-of-the-art radiotherapy can specifically match the shape of the tumour it is **TARGETING** – thus limiting damage to nearby healthy organs and tissue.\(^9\)\(^10\)

Advances in radiotherapy mean **MORE** patients than ever can access treatment – for example, in cases of cancer that are not eligible for surgery.\(^16\)-\(^18\)

The demand for radiotherapy will increase by **16%** by 2025\(^2\)\(^3\) but current capacity is insufficient to meet this demand.\(^2\)

Radiotherapy **SAVES LIVES** – and is a key part of curative treatment for many types of cancer.\(^2\)\(^5\)

Radiotherapy is **NOT INVASIVE** – many patients receiving radiotherapy can still go to work and carry on with day-to-day life.\(^5\)

Continuous improvements in delivery of radiotherapy have allowed treatment times to be reduced; for example, the time for an average radiotherapy course for breast or prostate cancer has **HALVED** in the past two decades.\(^11\)-\(^15\)

There is significant **VARIATION** across Europe in access to radiotherapy treatment, services and trained staff.\(^1\)\(^9\)\(^20\)

These facts are summarised from the report *Radiotherapy: seizing the opportunity in cancer care*. For more information visit: [mariecurielegacy.org](http://mariecurielegacy.org)
More about radiotherapy

Today, radiotherapy is a safe and highly effective cancer treatment, using ionising radiation, predominantly high-energy X-rays. Radiotherapy allows cancer specialists to precisely target and destroy tumour cells by delivering the most appropriate and effective dose possible.

Radiotherapy is recommended as part of treatment for more than 50% of cancer patients. It can be used on its own or to complement or enhance the effects of other treatments, for example to shrink or control a cancer before and after surgery.

Technological advances allow modern radiotherapy to precisely target each patient’s cancer, with all team members working to ensure that the dose and mode of radiotherapy is optimised.

References