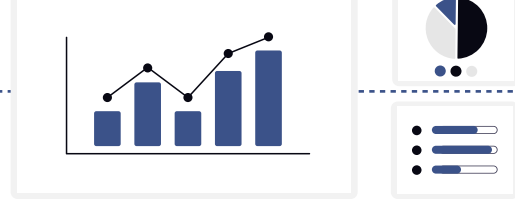


For patients

Our research aims to improve outcomes for people diagnosed with cancer. If you would like to learn more, you can find information, resources, and support below.



What are clinical trials?



→ Definition

Clinical trials are a type of **medical research** involving people.

At the CTC, our trials look at new ways to **treat, detect, prevent, and manage** cancer. Close monitoring of those taking part enables scientists to determine how safe and effective new approaches are.

No treatment is tested in a trial unless scientists think it might **improve** on what already exists.



WATCH What is it like to be involved in research?



WATCH Advice from former and current patients for anyone thinking of taking part in a clinical trial

→ Support and guidance

Cancer Research UK | learn more about cancer, treatments, and trials

Macmillan Cancer Support | [more details on clinical trials](#), and advice for those going through diagnosis and treatment

NHS | more information on clinical trials and taking part in them

Our trials and research



The CTC leads research which aims to **improve survival and other outcomes in cancer patients** across the world. We also examine ways of **finding cancer earlier**, when it is more treatable and curable. And we develop **kinder and safer treatments**, such as for children with leukaemia. You can find some highlights below:

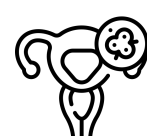
80+

active research studies

10,000+

people taking part

→ Cervical cancer breakthrough



The **INTERLACE** study showed how using cheap, existing drugs can reduce the risk of women dying from **cervical cancer**, or the disease returning, by **35%**.

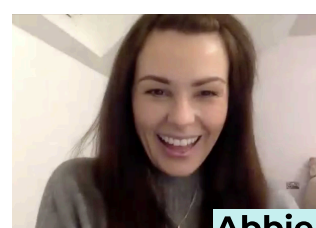
The findings are set to change the way cervical cancer is treated across the world.



LISTEN INTERLACE patient Abbie spoke to **The Guardian's Today in Focus** podcast about the study

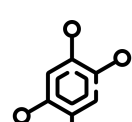


READ We spoke to the women behind the study for UCL's **World Cancer Day** campaign



Abbie

→ CAR T cell therapy



CAR T cell therapy is a new, more precise way to treat cancer.

Scientists '**reprogram**' a patient's immune cells so they are better able to target cancer cells. Also, unlike chemotherapy, which targets all cells, CAR T cell therapy can lead to **fewer side effects**. For these reasons, the therapy is becoming more widely used in **children's and adults' cancers**.

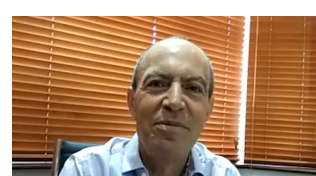
The accompanying animation was created for the **MIGHTY** study, which uses CAR T cell therapy to treat children with sarcoma.



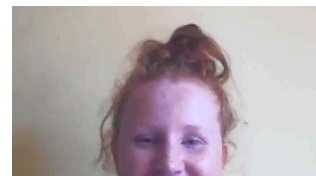
WATCH An **animated explanation** of how CAR T cells work



WATCH Panos and Sophie talk about their time on a **CAR T cell therapy trial**



Panos



Sophie

→ Lung cancer



Through studies such as **SUMMIT** and **TRACERx**, our researchers are learning more about lung cancer than ever before.

Crucially, the studies are finding **new ways to spot the disease**: the earlier lung cancer is caught, the better the chances are of treating it successfully.

Findings from TRACERx were exhibited at London's Science Museum.



WATCH David and Juanita told us **why they took part** in the TRACERx lung cancer study



David



Juanita

→ Proton beam therapy



Unlike traditional radiation treatment, which can affect healthy tissue surrounding a cancer, **proton beam therapy** delivers radiation **directly** to the tumour, minimising damage to nearby organs and reducing side effects.

The CTC currently runs the **HIT-Meso** and **PROTIEUS** trials, both of which are learning more about the benefits of proton therapy for patients with cancer.



WATCH Jillian talked us through a **day in her life** undergoing proton beam therapy at The Christie



Jillian

Our patient advocates



→ The CTC's patient panel

The CTC relies on patient input for all of its research.

We have a panel of **over 50 patient advocates** who ensure the patient voice is heard throughout the lifespan of a trial: from its early design stages, through to the publication of its results.



WATCH Becoming a **patient advocate** | Abbe's story



WATCH How our patients are making research more **accessible** than ever

Learn more



Beating Cancer | Our Progress

Cancer Research UK's **timeline** of progress in cancer research, a 120-year journey which continues to this day

[Read more](#) ➔



Latest News

Keep up-to-date with the latest news from research across the UCL Cancer Institute and beyond

[Read more](#) ➔



That Cancer Conversation

Cancer Research UK's podcast series offering more information on cancer, treatments, and research

[Listen here](#) ➔