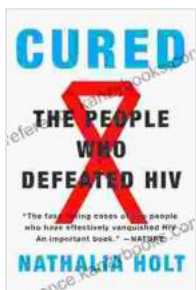


# How The Berlin Patients Defeated HIV And Forever Changed Medical Science

In 2007, the world was stunned by the announcement that two HIV-positive men in Berlin had been cured of the virus. This was the first time that anyone had ever been cured of HIV, and it raised the hopes of millions of people around the world.



## Cured: How the Berlin Patients Defeated HIV and Forever Changed Medical Science by Nathalia Holt

★★★★☆ 4.5 out of 5

Language : English  
File size : 2811 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 337 pages



The Berlin patients, Timothy Ray Brown and an anonymous man known as the "London patient," had both undergone a stem cell transplant from donors who were resistant to HIV. The stem cells replaced the patients' own immune cells, which were infected with HIV. The new immune cells were able to fight off the virus, and the patients were eventually cured.

The cure of the Berlin patients was a major breakthrough in the fight against HIV. It showed that it was possible to cure HIV, and it gave hope to millions of people who were living with the virus.

The cure of the Berlin patients also had a major impact on medical science. It led to a new understanding of how HIV infects the body, and it helped to develop new treatments for the virus.

## **The Berlin Patients**

Timothy Ray Brown was born in San Francisco in 1966. He was diagnosed with HIV in 1995, and he began taking antiretroviral therapy (ART) in 1996. ART is a combination of drugs that can suppress HIV and prevent it from causing AIDS.

The London patient was born in the United Kingdom in 1980. He was diagnosed with HIV in 2003, and he began taking ART in 2004.

In 2007, both Brown and the London patient underwent stem cell transplants from donors who were resistant to HIV. The stem cells replaced the patients' own immune cells, which were infected with HIV. The new immune cells were able to fight off the virus, and the patients were eventually cured.

## **The Cure**

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## **The Impact of the Berlin Patients**

The cure of the Berlin patients has had a profound impact on the fight against HIV. It has given hope to millions of people who are living with the virus, and it has helped to develop new treatments for the virus.

The Berlin patients have also been an inspiration to others. They have shown that it is possible to overcome great challenges, and they have given hope to others who are facing difficult times.

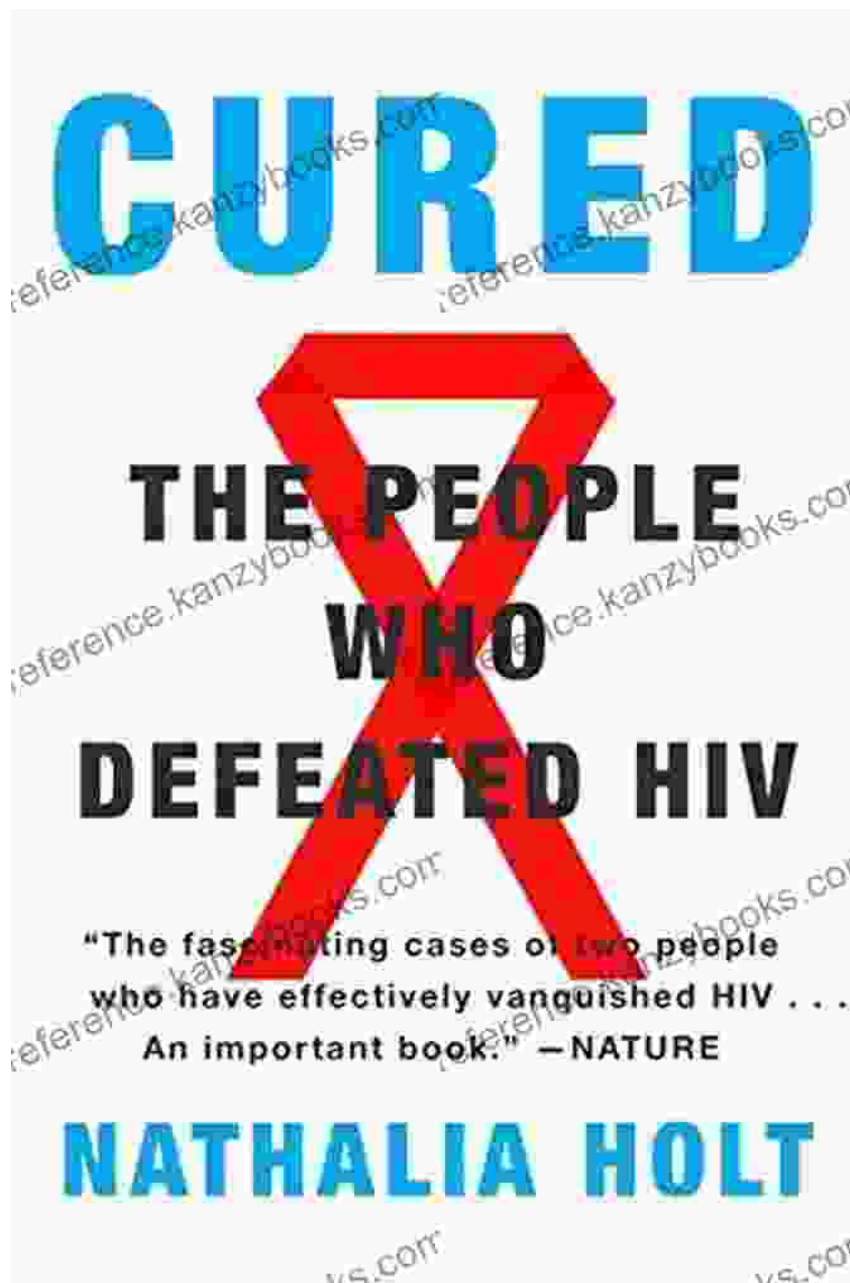
## **The Future of HIV Research**

The cure of the Berlin patients has opened up new possibilities for HIV research. Scientists are now working to develop new treatments that can cure HIV in all patients. They are also working to develop a vaccine that can prevent HIV infection.

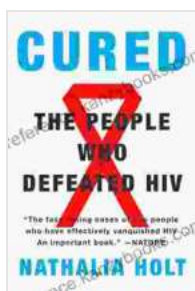
The cure of the Berlin patients is a major milestone in the fight against HIV. It has given hope to millions of people who are living with the virus, and it has helped to develop new treatments for the virus. The future of HIV research is bright, and there is reason to believe that we will eventually be able to cure HIV and prevent new infections.

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The "London patient," the second person to be cured of HIV



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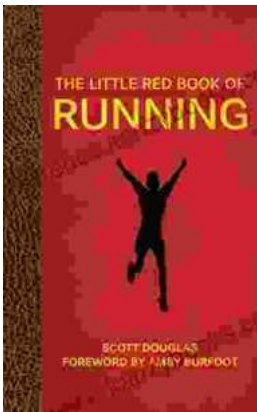
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