

# New HIV vaccine - seven years since last study

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 [us.blastingnews.com/news/2016/12/new-hiv-vaccine-seven-years-since-last-study-001305743.html](http://us.blastingnews.com/news/2016/12/new-hiv-vaccine-seven-years-since-last-study-001305743.html)

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History is being made. An innovative type of **HIV vaccine** procedure is being tested in a study called **HVTN 702**. The target is to enroll 5,400 men and women to determine if the vaccine can safely prevent **HIV infection**. Safety will be carefully supervised.

## HIV vaccine clinical study

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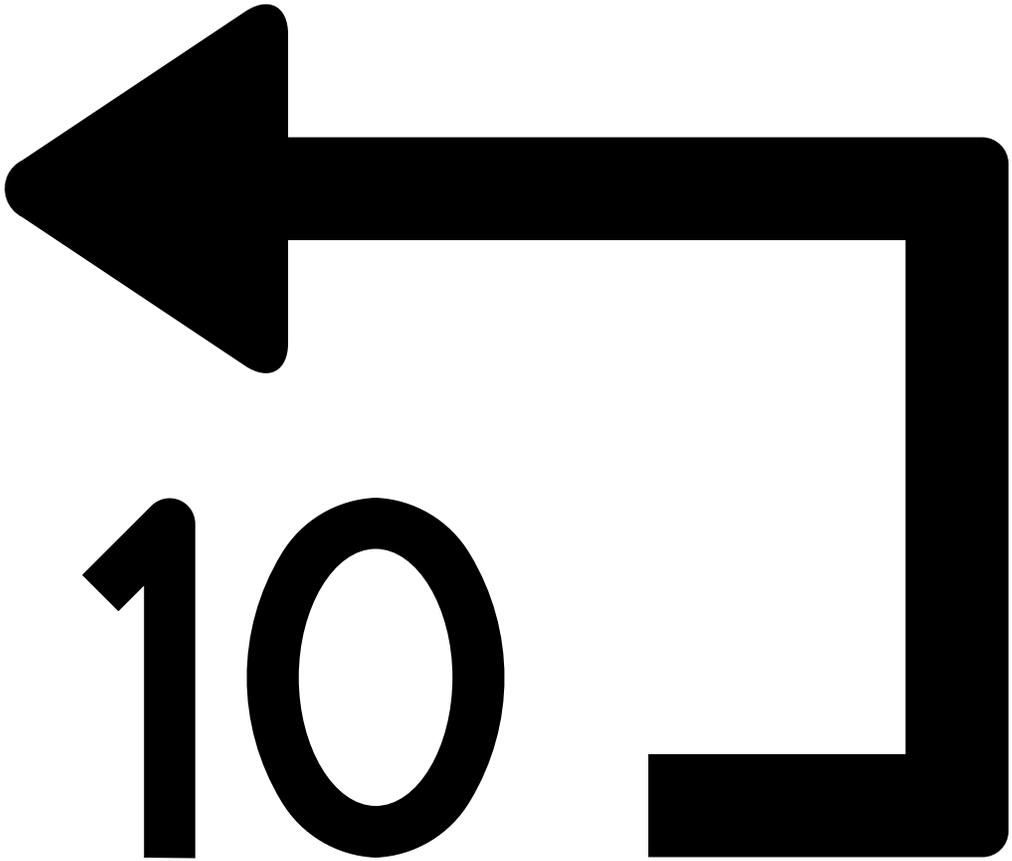
The study seeks to enroll **uninfected**, sexually active men and women aged 18 to 35 years, at 15 sites across **South Africa**, with the outcome due in 4 years. The study design comprises that participants are randomly assigned to either the **investigational** vaccine group or a placebo. (A placebo is an inactive substance). All study participants will receive a total of five injections over one year.

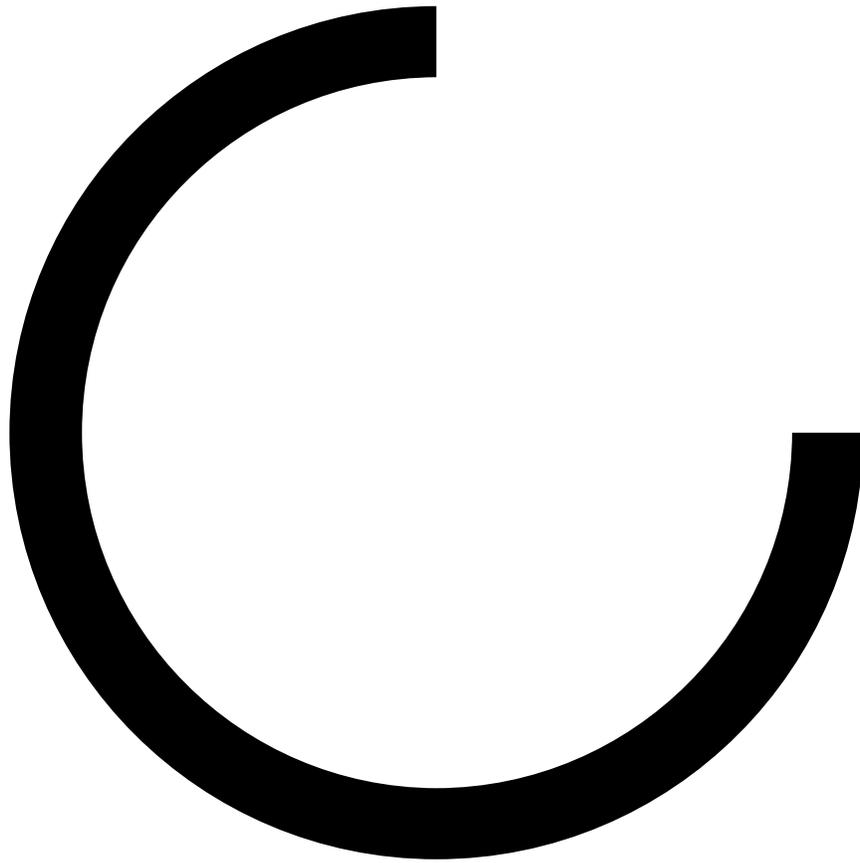
Anthony S. Fauci, M.D., director of the National Institute of Allergy and Infectious Diseases (NIAID), part of the **National Institutes of Health** and a co-funder of the trial, "If deployed alongside our current armory of proven HIV prevention tools, a safe and effective vaccine could be the final nail in the coffin for HIV. Even a moderately effective vaccine would significantly decrease the burden of HIV disease over time in countries and populations with high rates of HIV infection, such as South Africa."

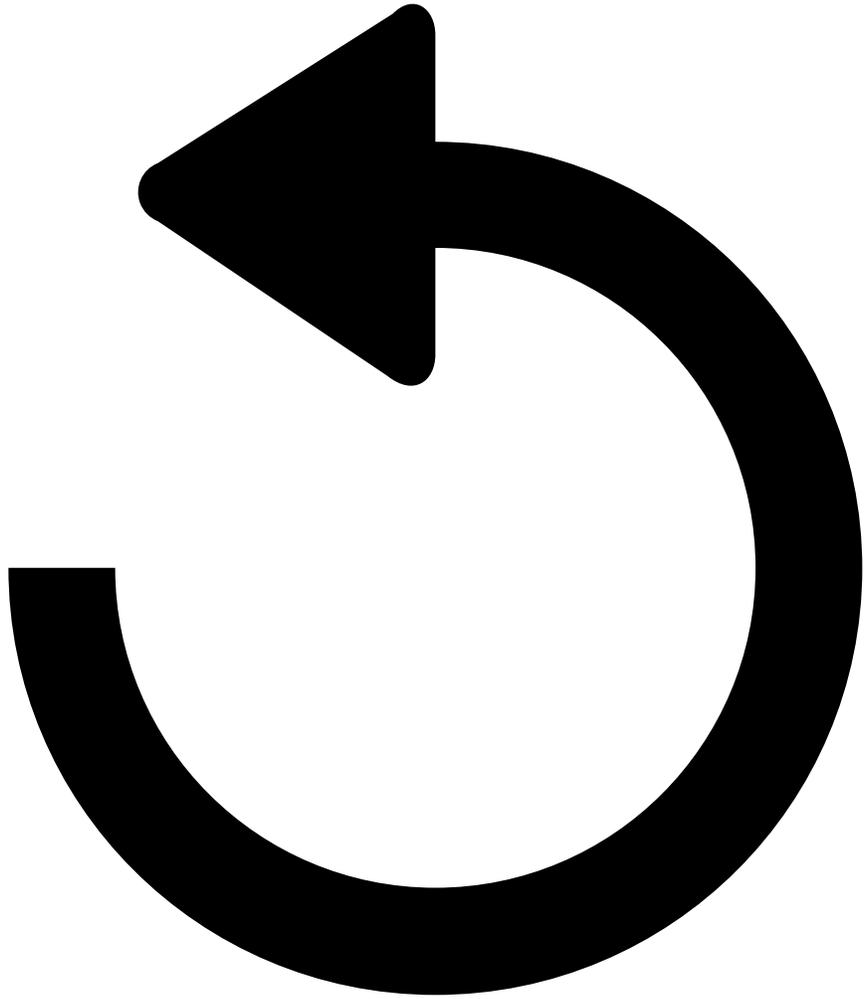
## Human immunodeficiency virus

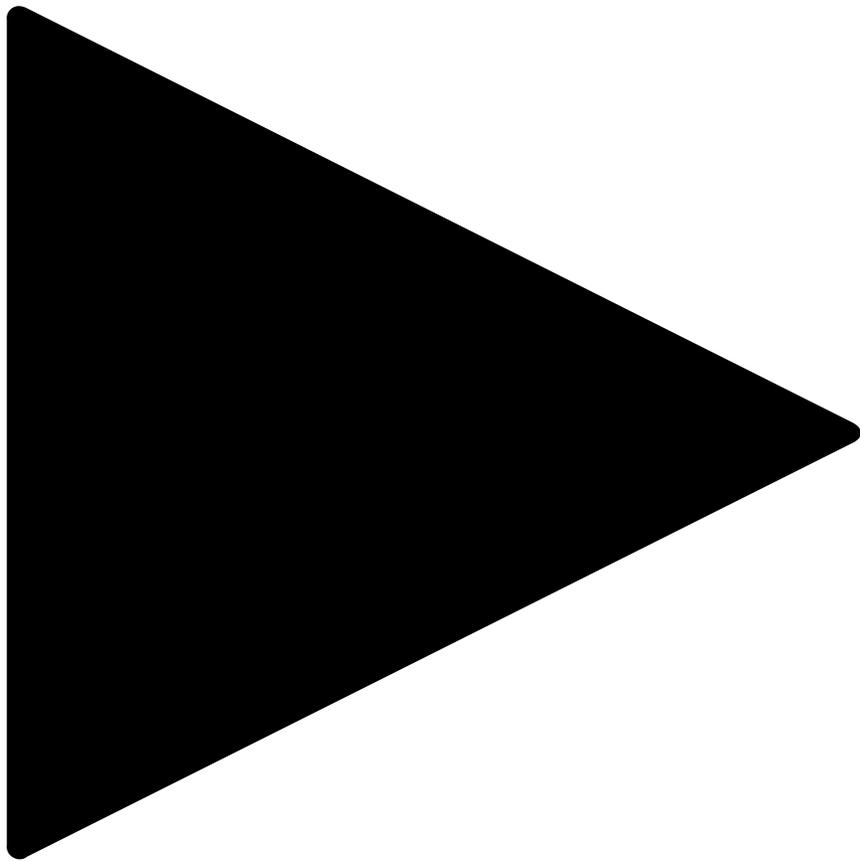
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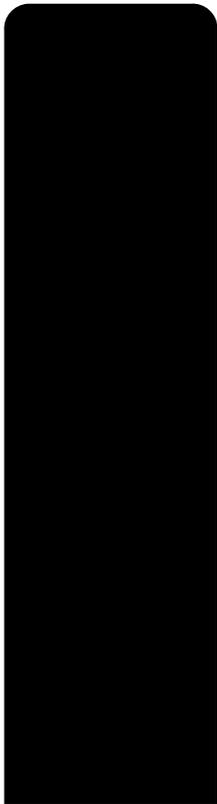
**HIV** is the name given when a patient tests positive for HIV antibodies. The goal of HIV treatment is to suppress the virus or **viral load** as low as possible for as long as possible. HIV testing is simple and involves an oral swab results within twenty minutes.

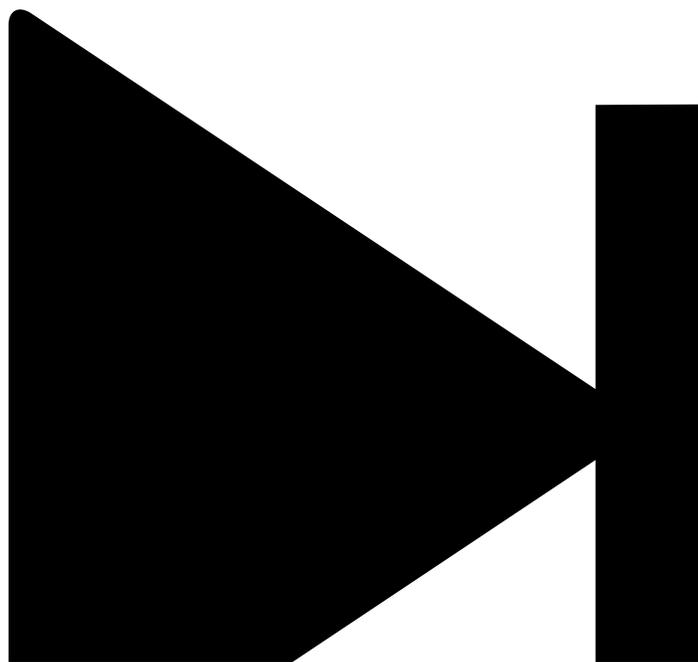






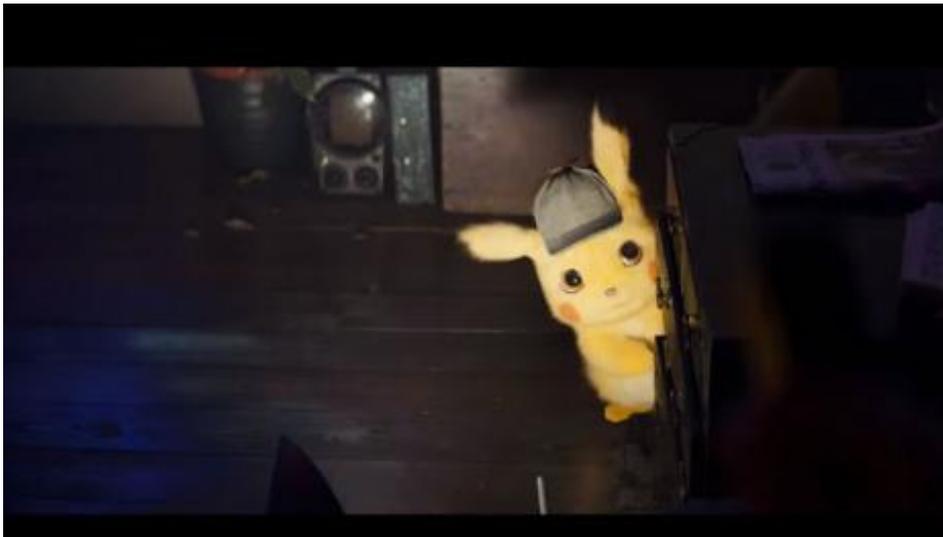








## Top Videos of the Day



It is available over the counter and at clinics that can personalize **HIV prevention** education with a focus on risk reduction.

## New infections

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This will be the biggest and most sophisticated advanced clinical trial to be conducted. In **South Africa**, more than 1,000 people become infected with **HIV** daily. In the United States, about 108 people are infected daily. Additionally, in excess of 1.2 million U. S. people are living with **HIV**, and 1 in 8 of them does not know it.

- Lack of access to information and education

- Lack of access to medical care
- Mental and emotional realities
- Physiological realities
- Information alone does not change behavior

## HIV Prevention

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- Education
- Outreach
- **Vaccine**
- **Drug regimen**
- **Testing**

## About

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The **National Institutes of Health (NIH)**, overseeing the **HIV vaccine study**, is a medical research agency, includes 27 Institutes and Centers and is a component of the **U.S. Department of Health and Human Services**. NIH is the primary federal agency conducting and supporting basic, clinical, and translational medical research, and is investigating the causes, treatments, and cures for both common and rare diseases.