

From trial to treatment

How clinical trials help find new treatments to help save and improve lives1

What are clinical trials?

Clinical trials are research studies with volunteers designed to learn more about how our bodies respond to drugs or other treatments. Clinical trials test possible drugs, vaccines or medical devices to see if they work and if they are safe. It may take many clinical trials all around the world to understand which study treatments work and how they work.





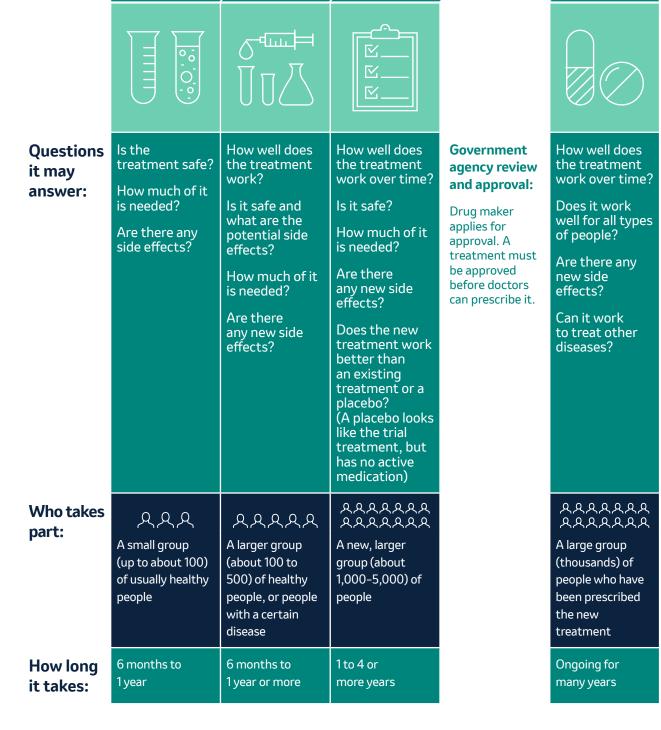


Help save and improve lives

- Make sure new treatments are safe and work well
- Find new and better ways of keeping people healthy
- Clinical trials rely on people who volunteer to be trial participants. It's vital that these

people come from diverse backgrounds. That way, the clinical trial can show if the treatment is safe and works well for people from all different communities. Clinical trials happen in 4 phases to make sure the treatment is safe and works well

Phase 4^{2,3} Phase 1^{2,3} Phase 2^{2,3} Phase 3^{2,3}



• A treatment usually takes several years to move from a Phase 1 trial to government approval for

and resources:

- doctors to prescribe it Clinical trials require financial investment from sponsors. Merck is the sponsor of a variety of
- clinical trials in different diseases and conditions Thousands of people in many countries contribute to clinical trials, including patients,

professionals and support staff

researchers, health care





tested in clinical trials before government agencies can approve them for doctors to prescribe to people.

treatments to improve people's health and save lives. Most new treatments must be

Clinical trials are needed to find new

We strive to enroll diverse people in our clinical trials to help us bring new medicines to people.

Enrolling diverse people in clinical trials helps make sure treatments are safe and work well for different communities. Different people may have different reactions to the same treatment, based on their age,

gender, weight, race, ethnicity and other factors.

There are many reasons why



people volunteer for clinical trials By taking part in a clinical trial, you can: research ★ Take an active role in your own health care

Clinical trials also have some risks, such as:

≭ Unwanted side effects

★ The treatment may not work **≭** Extra time and attention for trial-related tasks and visits

• Of the ones that enter clinical trials, only 12% will be approved by a government agency.⁷

Did you know that most products that

to human testing in clinical trials?

undergo laboratory testing never make it



to raise people's awareness and understanding of clinical trials.

health care professionals' efforts

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