



EduCURE
NONPROFIT ORGANIZATION

**FROM IDEA TO IMPACT
HOW CLINICAL RESEARCH BRINGS NEW
TREATMENTS TO YOU**

FROM AWARENESS TO ACCESS, FROM ACCESS TO ACTION



Have you ever thought about how a new medicine, vaccine, or treatment makes its way from a scientist's or doctor's idea all the way to your physician's office? This journey happens through clinical research, a thorough, step-by-step process that transforms new discoveries into safe, effective options for patients like you.

STEP-BY-STEP: HOW A TREATMENT BECOMES AVAILABLE

DISCOVERY IN THE LABORATORY

Scientists and doctors identify a potential new medicine, vaccine, or therapy that could help people.

PRECLINICAL TESTING

Before testing on people, researchers study the treatment in the lab and often in animals to check for safety (usually 1–3 years).

CLINICAL TRIALS IN PEOPLE

If it looks promising, the treatment is tested in volunteers through several phases:

Phase 1: Safety and Dosage (Several Months to 1 Year)

A small group (20–100 healthy volunteers) checks for safety, side effects, and the right dose.

Phase 2: Effectiveness and Side Effects (Several Months to 2 Years)

A larger group (100–300 people with the condition) tests how well it works and monitors for side effects.

Phase 3: Confirmation and Comparison (1–4 Years)

Hundreds or thousands of people participate (1,000–3,000+), comparing the new treatment to standard care or placebo.

Phase 4: Long-Term Monitoring (Ongoing after approval)

Research continues to monitor long-term effects and safety as the treatment is used by more people.



FDA REVIEW: SAFETY FIRST

- The U.S. Food and Drug Administration (FDA) oversees all clinical trials and reviews the results.
- The FDA makes sure studies are ethical, volunteers are protected, and data is accurate.
- If the treatment meets strict standards for safety and effectiveness, the FDA approves it for doctors to prescribe.

AVAILABLE TO YOU

Once approved, the treatment becomes available in hospitals, clinics, and pharmacies—helping people live longer, healthier lives.

WHY CLINICAL RESEARCH MATTERS TO YOU

SAVES LIVES

Every vaccine, cancer therapy, and medical device used today was proven safe and effective through clinical research.

PROMOTES TRUST

The FDA's strict review process ensures that only treatments that work and are safe reach the public.

DELIVERS HOPE

Clinical research brings new possibilities for people with conditions that have limited treatment options.





THE FDA: YOUR SAFETY ADVOCATE

The FDA's role is to:

- Review and approve research plans before studies begin.
- Monitor trials to protect volunteers.
- Require clear proof that treatments work and are safe.
- Remove unsafe or ineffective treatments from the market.

SUCCESS STORIES IN CLINICAL RESEARCH

POLIO VACCINE:

Thanks to clinical research and FDA approval, polio cases in the U.S. dropped by over 99%.

CANCER BREAKTHROUGHS:

Survival rates for childhood leukemia have soared from 10% in the 1960s to over 90% today.

COVID-19 VACCINES:

In 2020, clinical research and rapid FDA review helped deliver safe, effective COVID-19 vaccines in less than a year, saving millions of lives.

CHOLESTEROL-LOWERING STATINS:

Developed through clinical research, these medications have reduced heart attack rates by 25–35% for those who use them.





Follow us on social media for updates, events, and true stories from clinical research volunteers. This brochure is for educational purposes. Always speak to your healthcare provider before joining a research study.



ABOUT EDUCURE

EduCure is a nonprofit organization dedicated to making clinical research clear and accessible for everyone. We believe informed communities are healthier communities. EduCure provides information, connects people with research opportunities, and empowers everyone to be part of progress.

Be a Part of the Cure

WANT TO LEARN MORE OR GET INVOLVED?

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Contact EduCure at info@educureactnow.org or

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helps EduCure deliver information to expand medical advancement through clinical research and clinical trials.

Together, we can drive innovation and improve health equality for all. Donate today and be a part of the cure!



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