UNDERSTANDING CLINICAL TRIALS





canresear

Approv

EVER WONDERED WHAT A CLINICAL TRIAL IS?

Clinical trials are research studies that help doctors and scientists learn more about a disease and new ways to improve treatment.

They are essential to studying drugs with the goal of approving only the safest and most effective ones.

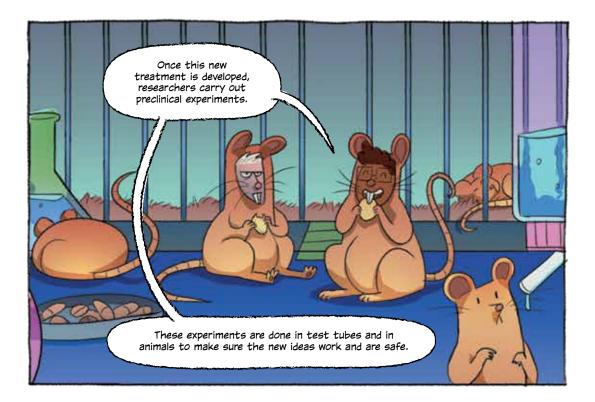
This book, *Understanding Clinical Trials*, explains why clinical trials are needed and what might be involved if you decide to join one.



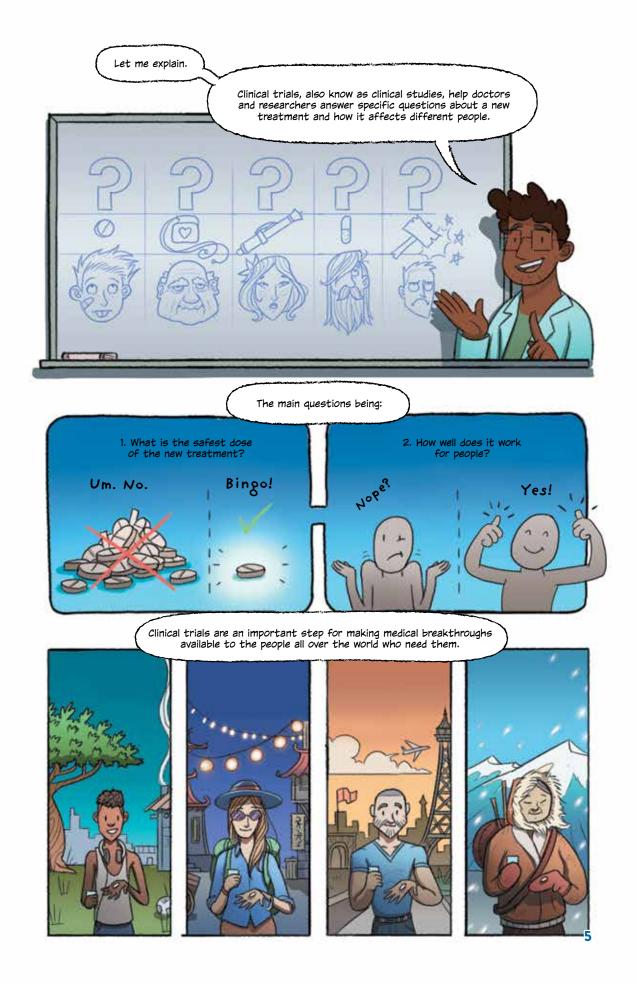












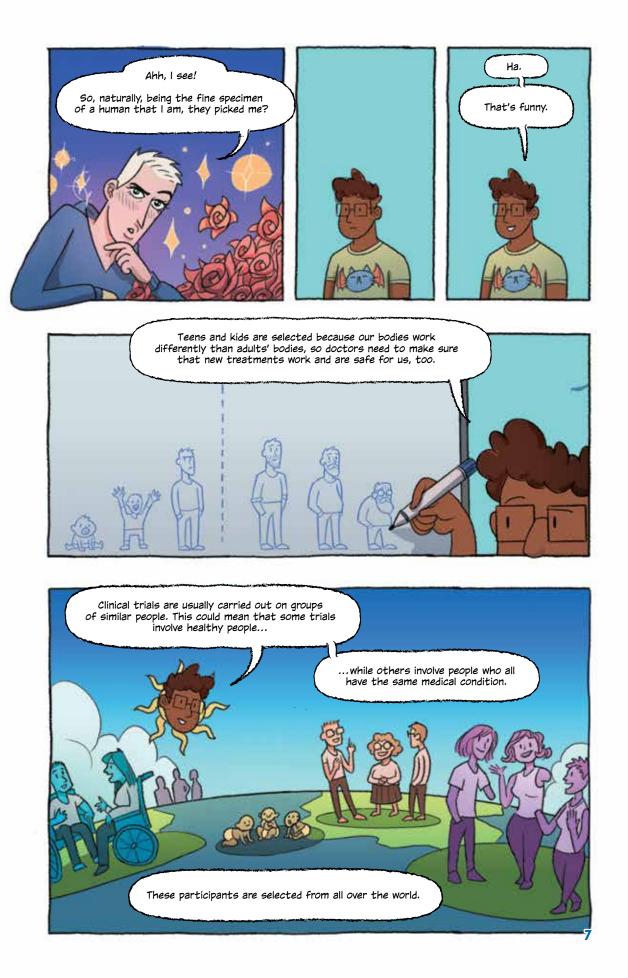


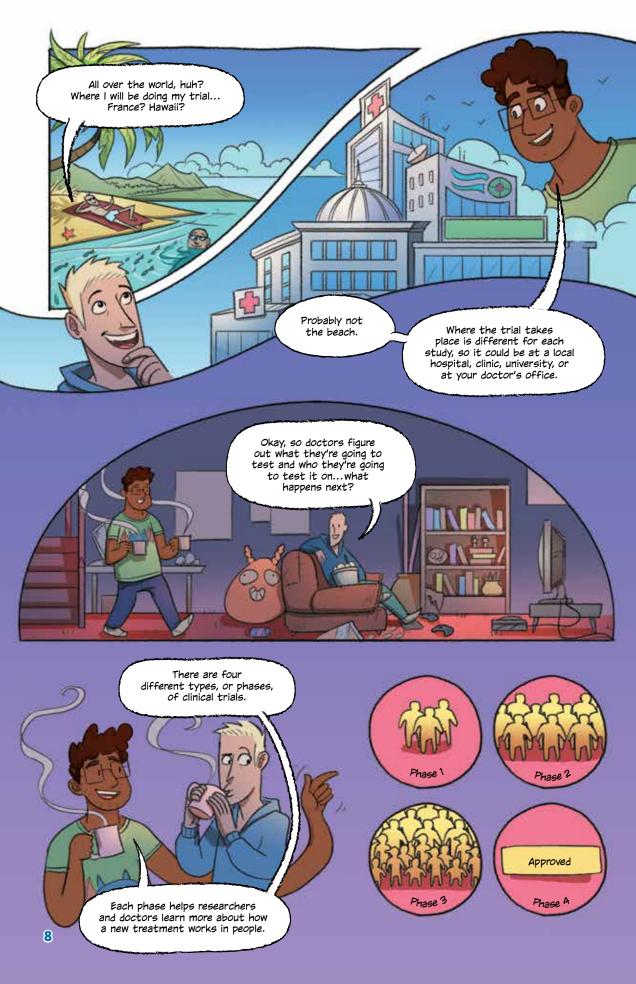
How long will the trial last?

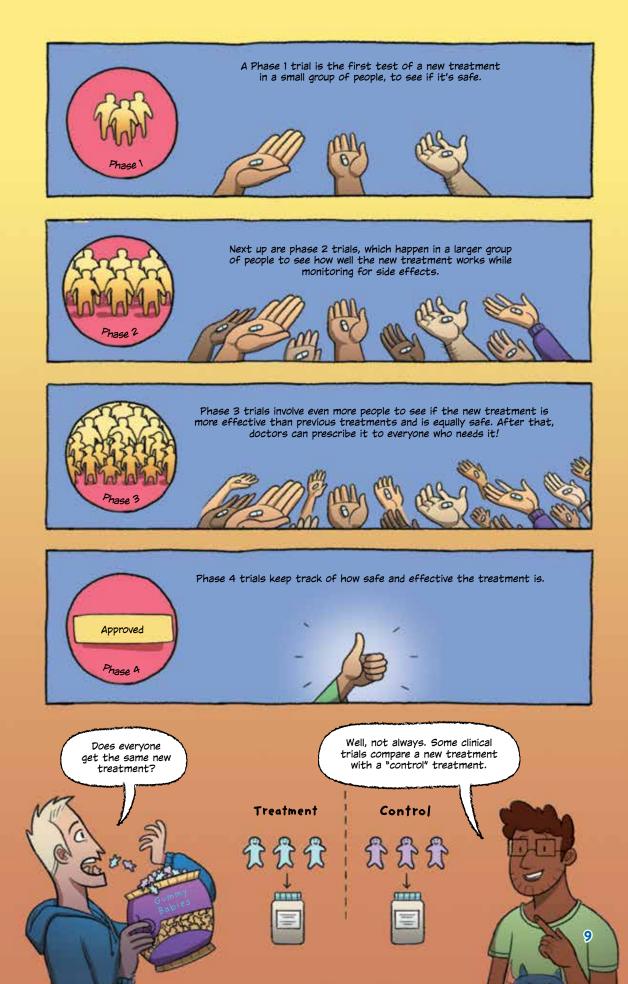
June

How many people will join the trial?

Researchers and doctors spend countless hours designing a clinical trial before it starts, sorting through tons of important questions and details while making a plan for running the study!

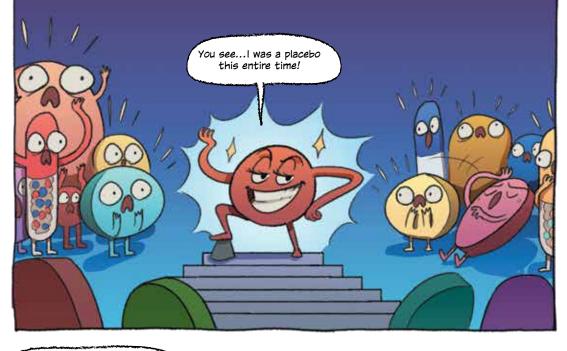


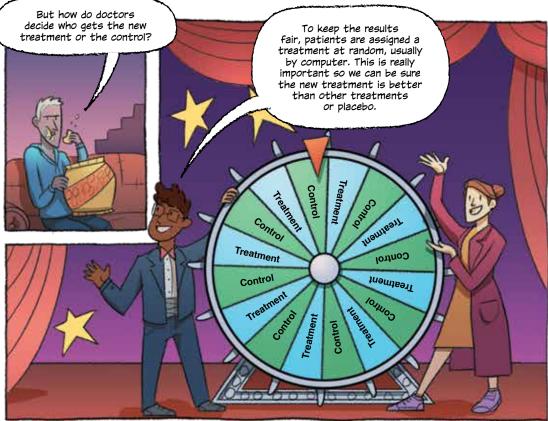


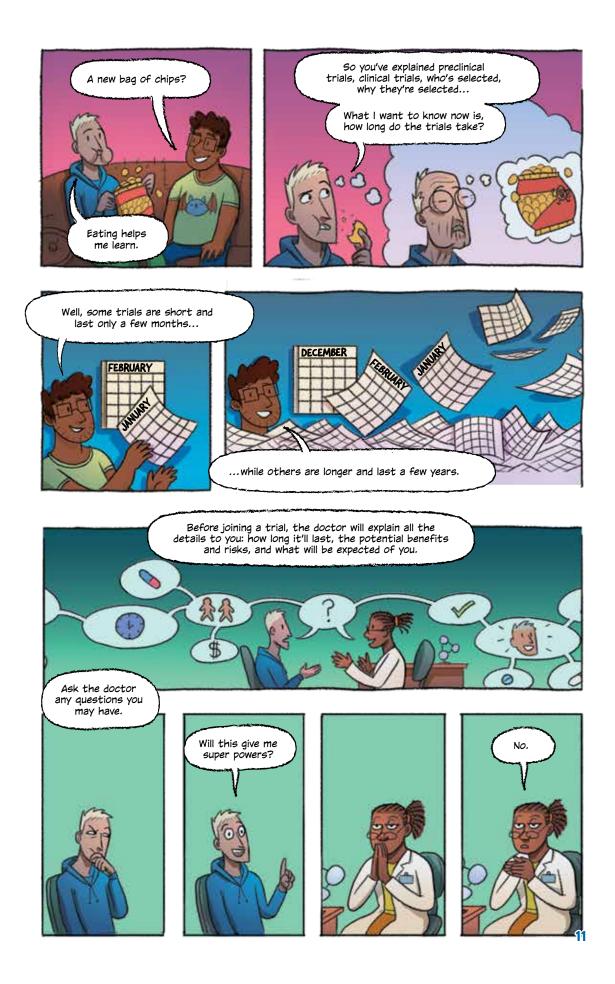


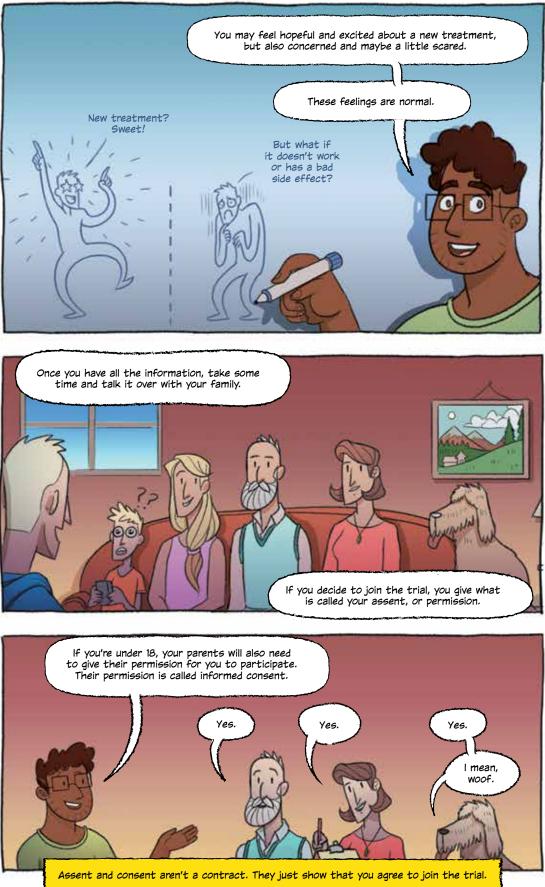
The control treatment may be a treatment that doctors already know is safe and effective, or it may be a placebo.

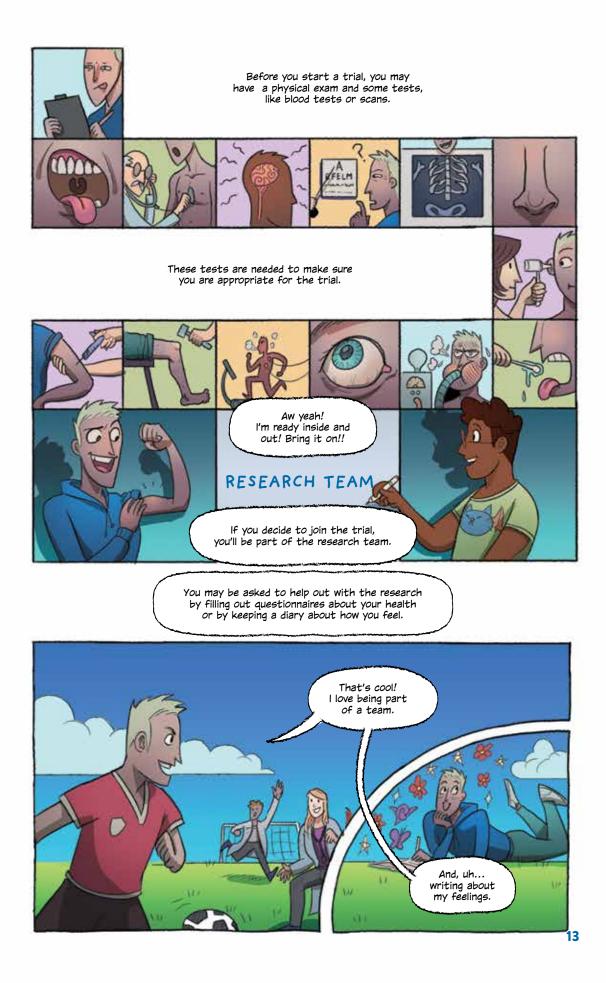
A placebo is a harmless substance that contains no medicine. This helps doctors to be sure that patients don't report feeling better just because they are getting a new treatment.

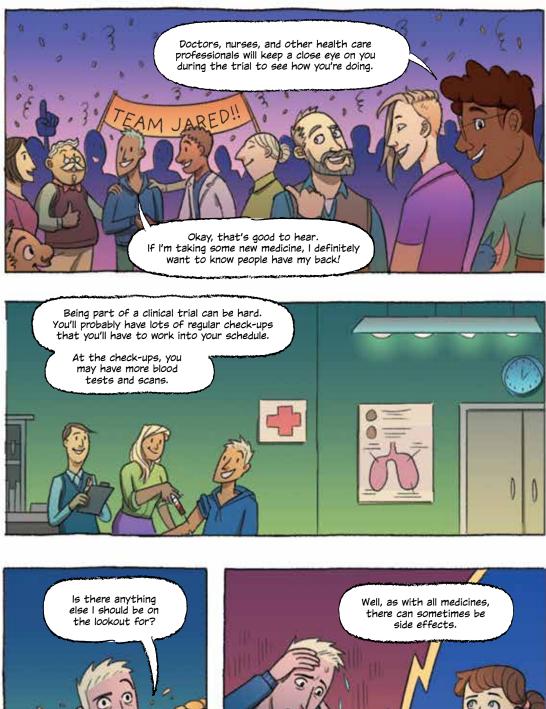


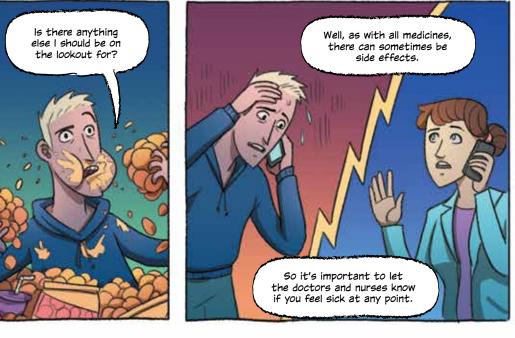




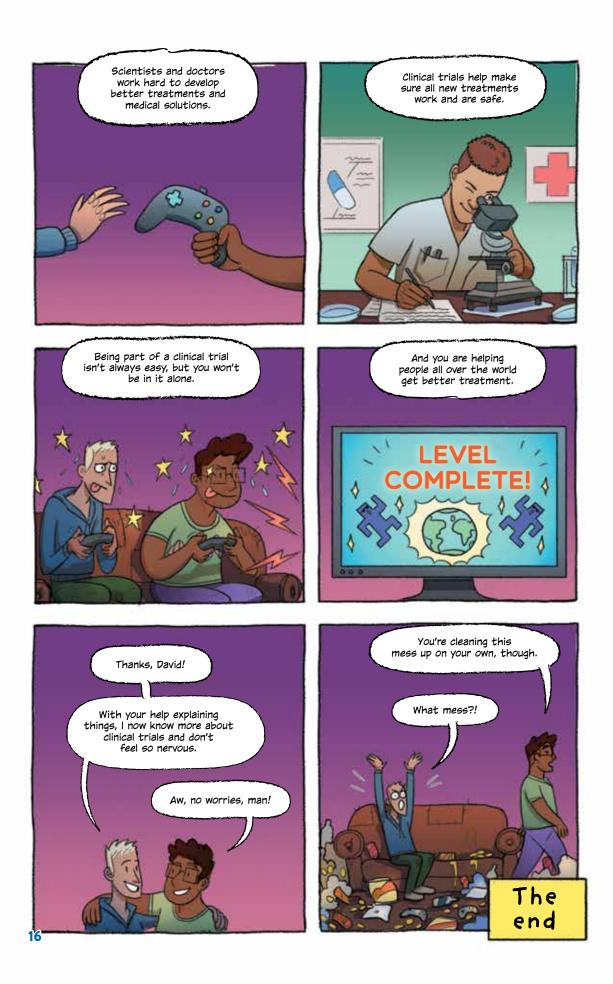












GLOSSARY



WHAT ARE CLINICAL TRIALS?

Clinical trials are a type of research that studies tests and treatments in people. Before new tests and treatments become widely available, a clinical trial is needed to check how well they work and how safe they are.

PERMISSION

Your permission to join a clinical trial is called *assent*.

Your parents or guardian also need to give their permission. This is called *informed consent*.

Even after agreeing to join, you can change your mind and leave the trial at any time.





CONTROL TREATMENT

In a clinical trial, a new treatment might be tested against a control. A control is either a treatment that the doctors already know is effective or a placebo.

GLOSSARY





PLACEBO NEW TREATMENT

PLACEBO

A placebo looks exactly like the treatment being tested in the clinical trial, but doesn't actually contain any medicine.

SIDE EFFECTS

These are unwanted and usually unpleasant reactions to the treatment that may happen during the trial.





RISKS

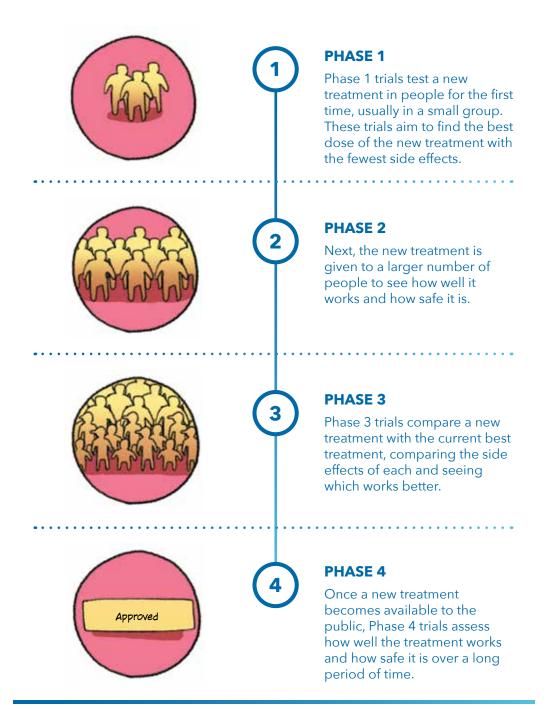
The risks of a clinical trial include:

- Serious side effects that a new treatment may cause
- The new treatment may not work or may not be any better than current treatment
- You may not receive the new treatment-you may be in the control or placebo group

GLOSSARY

PHASES OF A CLINICAL TRIAL

Testing new treatments in clinical trials follows a series of steps called phases:





UNDERSTANDING CLINICAL TRIALS

ISBN 978-1-64455-268-1

Editor In Chief

Columba Quigley, MD

Authors Kimberley Maxwell, PhD Shawn deLoache Tom Hunt

Peer Review Patrick A. Zweidler-McKay, MD, PhD

> **Art** Kris Chua (Colors) James Gifford (Pencils) Tom Hunt (Editor)



Jumo Health and its logo, Medikidz, In My Words, and In My Shoes are registered trademarks of Jumo Health, Inc. All other trademarks are the property of their respective owners.

The health information contained herein is provided for educational purposes only and is not intended to replace discussions with your health care provider. All decisions regarding patient care must be made with a health care provider, considering the unique characteristics of the patient.

© 2020 Jumo Health, Inc. All Rights Reserved.

🕷 jumohealth.



Jumo Health develops age appropriate, educational resources for patients and caregivers for use throughout their medical journey.

By working with providers, manufacturers, and advocacy groups, we ensure our resources are available at the moment of diagnosis, during a treatment regimen, or while participating in a clinical trial. With the belief that an informed patient is a compliant patient, Jumo Health designs practical solutions using popular mediums. With experience providing resources to more than 70 countries in 80 languages, and covering more than 200 topics, our mixed media solutions range from comic books to animated videos, are evidence based and peer reviewed, and pay careful attention to health literacy and reading comprehension barriers.

To learn more about our educational resources, please visit:

JumoHealth.com





Understanding Clinical Trials 13-17yo - 07-09-2020-V1.0